पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 29/2018	शुक्रवार	दिनांक: 20/07/2018
ISSUE NO. 29/2018	FRIDAY	DATE: 20/07/2018

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

20th JULY, 2018

CONTENTS

SUBJECT		*PAGE NUMBER*
JURISDICTION	**:**	**27202 – 27203**
SPECIAL NOTICE	**:**	**27204 – 27205**
EARLY PUBLICATION (DELHI)	**:**	**27206 – 27208**
EARLY PUBLICATION (MUMBAI)	**:**	**27209 – 27243**
EARLY PUBLICATION (CHENNAI)	**:**	**27244 – 27261**
EARLY PUBLICATION (KOLKATA)	**:**	**27262 – 27263**
PUBLICATION AFTER 18 MONTHS (DELHI)	**:**	**27264 – 27538**
PUBLICATION AFTER 18 MONTHS (MUMBAI)	**:**	**27539 – 27617**
PUBLICATION AFTER 18 MONTHS (CHENNAI)	**:**	**27618 – 27909**
PUBLICATION AFTER 18 MONTHS (KOLKATA)	**:**	**27910 – 28008**
WEEKLY ISSUED FER (DELHI)	**:**	**28009 – 28050**
WEEKLY ISSUED FER (MUMBAI)	**:**	**28051 – 28068**
WEEKLY ISSUED FER (CHENNAI)	**:**	**28069 – 28108**
WEEKLY ISSUED FER (KOLKATA)	**:**	**28109 – 28125**
APPLICATION FOR POST GRANT AMENDMENTS [Section 57(3) Rule 81(3)(a)](DELHI)	**:**	**28126**
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	**:**	**28127 – 28132**
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	**:**	**28133 – 28135**
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	**:**	**28136 – 28140**
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	**:**	**28141 – 28145**
INTRODUCTION TO DESIGN PUBLICATION	**:**	**28146**
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000 & UNDER RULE 29(1) OF DESIGNS (AMENDMENT) RULES, 2008	**:**	**28147**
REGISTRATION OF DESIGNS	**:**	**28148 - 28183**

THE PATENT OFFICE
KOLKATA, 20/07/2018
Address of the Patent Offices/Jurisdictions
The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

1	Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in	4	The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032. Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in ❖ The States of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli	5	The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector –V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in ❖ Rest of India
3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 25300200 & 28032253 Fax: (91)(11) 28034301 & 28034302 E.mail: delhi-patent@nic.in ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.		

Website: www.ipindia.nic.in
www.patentoffice.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
कोलकाता, दिनांक 20/07/2018
• कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए है:-

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिहन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फ़ैक्स: (91) (22) 24123322 ई. मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फ़ैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फ़ैक्स: (91) (22) 24130387 ई. मेल: Mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.	5	पेटेंट कार्यालय, भारत सरकार कोलकाता, (प्रधान कार्यालय) बौद्धिक संपदा भवन, सीपी-2, सेक्टर- V, साल्ट लेक सिटी, कोलकाता-700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फ़ैक्स:/Fax: (91)(33) 2367 1988 ई. मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. फोन: (91)(11) 25300200, 28032253 फ़ैक्स: (91)(11) 28034301, 28034302 ई. मेल: delhi-patent@nic.in हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: http://www.ipindia.nic.in
www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे।
शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है ।

SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months , grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201811014509 A
(19) INDIA
(22) Date of filing of Application :17/04/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : TEMPERATURE COOLING AIR FILTER MACHINE

(51) International classification :F24F5/0042
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MR. OM KAWAR
Address of Applicant :494 MAIN KANJHAWALAR VILLAGE MAJRI, P.O. KARALA, DELHI-110081, INDIA
Delhi India
(72)**Name of Inventor :**
1)MR. OM KAWAR

(57) Abstract :
Summary I have built a temperature cooling air filter machine and invented it with full rigor and efforts and built it to protect environment and humans from heat and pollution. This is a very big invention which can perform multiple functions despite the machine looking very small and simplistic. But the way it works is phenomenal which makes it different and better from others. This machine changes hot air coming from AC compressor to cold air which prevents the AC compressor from raising the temperature of surroundings from hot air. This machine cools rapidly by sucking hot air which will help in cooling the environment. My invention, temperature cooling air filter machine not only will cool hot air from the AC compressor but also clears dust, smoke and small particles from the air. This machine helps clearing small particles due to which there is no harm to our health and this machine doesn€™t produce any noise. This machine releases clean, clear and pure air in the environment. The liquid substance which I have used to cool the air, this invention which normalizes the temperature as well as keeps air in the environment pure will not harm the environment and the benefits are for the environment and all beings. By thinking all this I have come with this small idea. I have incorporated cooling filter sheet and air filter sheet so that humans remain healthy and environment also remains clean by humans.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201711037477 A
(19) INDIA
(22) Date of filing of Application :24/10/2017
(43) Publication Date : 20/07/2018

(54) Title of the invention : DUAL ROW ROTOR TILLER

(51) International classification :a01b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROOPRAI, Ankur
Address of Applicant :VPO- Kalitran, Tehsil-Nangal, Dist-Roopnagar (Punjab, India) Punjab India
(72)**Name of Inventor :**
1)ROOPRAI, Ankur

(57) Abstract :
A dual row rotor tiller (100) is provided herein. The dual row rotor tiller (100) includes a gearbox assembly (102) coupled with a first end portion of a longitudinal transmission pipe (104). The dual row rotor tiller (100) further includes a first side transmission plate (106) and a second side plate (107). The first side transmission plate (106) includes a first gear (116), a second gear (118), a third gear (120), and a fourth gear (122). The dual row rotor tiller (100) further includes a first rotor shaft assembly (112) coupled with the third gear (120) and a second rotor shaft assembly (114) coupled with the fourth gear (122). During operation, the longitudinal transmission pipe (104) is configured to rotate the first gear (116), the first gear (116) is configured to engage with the second gear (118), the second gear (118) is configured to engage with the third gear (120) and the fourth gear (122), and the third gear (120) and the fourth gear (122) are configured to rotate the first rotor shaft assembly (112) and the second rotor shaft assembly (114) respectively to facilitate soil tilling. Representative Figure: Figure 7

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201811011282 A
(19) INDIA
(22) Date of filing of Application :27/03/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : A METHOD FOR PREPARING A PUFFED GRAIN FOOD PRODUCT

(51) International classification :A23L7/178
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Healthezz Food and Snacks LLP
Address of Applicant :Plot No - 66, Udyog Vihar Phase - 6, sector - 37, Gurgoan - 122001, Haryana, India Haryana India
(72)**Name of Inventor :**
1)Mr. Suman Bharti

(57) Abstract :
The embodiments herein provide a method for preparing a puffed grain food product. The method includes mixing grains by adding rock salt or a sweetener to form a resultant grain mixture, detecting temperature of the grain mixture is within a threshold criteria range, subjecting a predefined amount of grains to a moisture testing to compress the predefine amount of grains, recording readings of the compressed grains, detecting moisture content of the compressed grains is within a threshold criteria range, feeding the compressed grains to a popping machine, setting a temperature of the popping machine, a first pressure , a second pressure, and a thickness from a thickness setting switch, setting core depth of heating molds to adjust popping area and shape, setting a feeding time, an opening time, and a closing time of the heating molds to increase and decrease popping time, and obtaining the puffed grain food product.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2018

(21) Application No.201821022705 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CHEMICALLY DEPOSITED LARGE AREA AND NANOSTRUCTURED SAMARIUM OXIDE THIN FILMS FOR ENERGY STORAGE.

(51) International classification	:C23C 18/00 C23C 16/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DR. VISHWANATH VITHAL BHOSALE
Address of Applicant :D. Y. PATIL EDUCATION SOCIETY (DEEMED TO BE UNIVERSITY), KASABA BAWADA, KOLHAPUR-416 006, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
2)DR. RAHUL BHAGWAN PUJARI
3)DR. VISHWANATH VITHAL BHOSALE
4)MR. VAIBHAV CHANDRAKANT LOKHANDE
5)MR. SHIVAJI BHAURAO UBALE

(57) Abstract :
Chemically deposited large area and nanostructured samarium oxide thin films for energy storage Prof. C D. Lokhande1, Dr. R. B. Pujari1, Dr. V. V. Bhosale1, Mr. V. C. Lokhande2, and Mr. S. B. Ubale1 D.Y. Patil Education Society (Deemed to be University) Kasaba Bawada, Kolhapur 416 006 2B-102, Katkarpark, Shivaji University Road, Kolhapur-416 008. Abstract Present invention claims layer-by-layer method for depositing large area thin film of nanostructured samarium oxide on metallic substrate. It comprises deposition of samarium containing material on substrate followed by annealing in air in the temperature range of 300 to 500 °C temperature to obtain Sm2O3 phase with cubic crystal structure. The layer-by-layer method is employed first to obtain samarium containing material on substrate with varying adsorption and reaction time periods, with heating anion source in the temperature range of 40 to 80 °C, and with changing annealing time period in the range of 1 to 10 h. Samarium oxide thin films with cubic Sm2O3 phase are useful for supercapacitor application.

No. of Pages : 15 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2018

(21) Application No.201821022722 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A METHOD OF TREATING BACTERIAL BLIGHT

(51) International classification	:A61K 31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAMEER RAJAN PATHARE
Address of Applicant :W - 47 (A), M.I.D.C., SATPUR AREA, NEAR CARBON CORPORATION, NASHIK - 422 007, MAHARASHTRA, INDIA Maharashtra India
(72)**Name of Inventor :**
1)SAMEER RAJAN PATHARE

(57) Abstract :
Provided are methods for treating bacterial blight in plants by administering compositions comprising metal nanoparticles and suitable carriers. Also provided are compositions for treating bacterial blight comprising metal nanoparticles.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821022933 A
(19) INDIA
(22) Date of filing of Application :19/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD FOR TRAFFIC SIGN RECOGNITION

(51) International classification	:G06K 9/00 G06T 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)KPIT Technologies Limited
Address of Applicant :Plot No. 35 & 36, Rajiv Gandhi Infotech Park, Phase 1, MIDC, Hinjewadi, Pune, Maharashtra 411057, India. Maharashtra India
(72)**Name of Inventor :**
1)V, Aswin Kumar
2)MANKAR, Prafull
3)DWIVEDI, Manoj
4)MUSHIGERI, Sumanth

(57) Abstract :
According to an aspect of the present disclosure, a traffic sign recognition system implemented in a vehicle receives one or more image frames from an image sensor and defines a Region of Interest (ROI) for each image frame, and wherein each ROI is resized to at least a first resolution image and a second resolution image; detects a circular object in the ROI of each image frame based on determination of points of symmetry by analyzing gradient values of respective pixels of a horizontal edge image and a vertical edge image, the horizontal edge image and the vertical edge image being obtained from each of the first resolution image and the second resolution image; and detects at least one speed limit traffic sign based on the detected circular object using one or more classifiers using a Convolutional Neural Network (CNN).

No. of Pages : 56 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821023098 A
(19) INDIA
(22) Date of filing of Application :20/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : LEAD FOR MECHANICAL CLUTCH PENCIL

(51) International classification	:B43K 21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)OMKAR PRALHAD AMBI
Address of Applicant :Gandhi Chouk, Ambi Galli, Nandani, Tal- Shirol,District- Kolhapur - 416102, Maharashtra, India.
Maharashtra India
(72)**Name of Inventor :**
1)OMKAR PRALHAD AMBI

(57) Abstract :
LEAD FOR A MECHANICAL CLUTCH PENCIL The present disclosure relates to a lead for a mechanical clutch pencil for facilitating complete usage of graphite lead. The lead is formed of a first graphite portion and a second auxiliary portion connected to the first graphite portion. The lead feeding mechanism facilitates selective feeding of the lead through a chuck and a tip of the mechanical clutch pencil. The second auxiliary portion occupies the space between the chuck and the tip for facilitating feeding of the first graphite portion from the tip portion.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201721037783 A
(19) INDIA
(22) Date of filing of Application :25/10/2017
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROCESS FOR RECOVERY OF SILVER CHLORIDE AND MERCURY SULPHIDE NANOPARTICLES FROM CHEMICAL OXYGEN DEMAND TEST WASTEWATER

(51) International classification	:C22B 3/00 C01G 5/00	(71)**Name of Applicant :** **1)Enviro Tech Limited** Address of Applicant :Plot No. 2413/14, GIDC Industrial Estate, Ankleshwar, Gujarat 393002, India. Gujarat India **2)Shroff S.R. Rotary Institute Of Chemical Technology (SRICT)**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)GAUTAM, Shina** **2)GAUTAM, Alok**
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
ABSTRACT: Title: Process for recovery of silver chloride and mercury sulphide nanoparticles from chemical oxygen demand test wastewater The invention discloses a process for recovering silver chloride and mercury sulphide nanoparticles from a laboratory wastewater specifically chemical oxygen demand (COD) test wastewater

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/06/2018

(21) Application No.201821023592 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SEALING ELEMENT FOR SEALING A GAP BETWEEN CONCRETE PAVEMENTS/STRUCTURES

(51) International classification	:E04B 1/66
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TRIVEDI, Anil
Address of Applicant :Raw House No.3, Emerald Chs, Next to D Mart, Thane, Maharashtra - 406007, India Maharashtra India
(72)**Name of Inventor :**
1)TRIVEDI, Anil

(57) Abstract :
A SEALING ELEMENT FOR SEALING A GAP BETWEEN CONCRETE PAVEMENTS/STRUCTURES ABSTRACT A sealing element (100) for sealing a gap (205) between concrete pavements (S1, S2) is disclosed. The sealing element (100) comprises a housing (105) provided in a solid structure. The sealing element (100) comprises a plurality of fins (110) coupled to the housing (105) at outer surface. The housing (105) is compressed and placed between concrete pavements (S1, S2) having a gap (205) may be in between a range of 1mm to 5mm. The housing (105) expands outward and the housing (105) is held against walls (202, 204) of the concrete pavements (S1, S2). The plurality of fins grips are held against walls (202, 204) of the concrete pavements (S1, S2). [To be published with FIG. 2C]

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2018

(21) Application No.201821023733 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : L-ALANINE MODIFIED WATER SOLUBLE EUF3: GDNANOPARTICLES FOR BIOMEDICAL APPLICATIONS.

(51) International classification	:A61K 49/00 49/00	(71)**Name of Applicant :** **1)MR. MANOJ PANDURANG MAHAJAN** Address of Applicant :A-804, HOROZON HEIGHTS, OPP.
(31) Priority Document No	:NA	MAHALAXMI TOWER, KASARVADAVALI, G. B. ROAD,
(32) Priority Date	:NA	THANE (W) 400 615, MAHARASHTRA, INDIA. Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	**2)DR. MAHENDRA MADHUKAR KHANDPEKAR**
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)MR. MANOJ PANDURANG MAHAJAN**
(61) Patent of Addition to Application Number	:NA	**2)DR. MAHENDRA MADHUKAR KHANDPEKAR**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
In an important aspect of the invention it is provided that synthesis ofeuropium salts with Gadolinium in presence of surface modifier and base in a solvent at room temperature; further drying wherein the reaction mixture is under microwave irradiation, further the characterization and utility of of EuF3: Gd @ L-alanine for the control of larvicidal activity mosquitoes is provided;

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2018

(21) Application No.201821024014 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A DEPOSITORY SAFE

(51) International classification	:E05G 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Godrej and Boyce Mfg Co Limited
Address of Applicant :Pirojshanagar, Vikhroli, Mumbai-400079, Maharastra, India Maharashtra India
(72)**Name of Inventor :**
1)Chouthkanthiwar Prashant Harihar
2)Thorat Devidas Raghunath
3)Ramavat Satish Amrutlal

(57) Abstract :
ABSTRACT A Depository Safe A depository safe is provided. The depository safe comprises a cabinet having an interior space for storing one or more articles. The cabinet is accessible through the door, and a slot is provided on the cabinet for depositing articles. A first fixed plate inclined downwardly is provided adjacent to the slot so as to provide a passageway for the articles being deposited, and plurality of movable plates suspended above the first fixed plate. The movable plates move to and fro with respect to the first fixed plate to block or unblock the passageway. A second fixed plate is mounted adjacent to the movable plates and extends downwardly towards interior of the cabinet. Each of the first fixed plate, movable plates and the second fixed plate have teeth or sharp edges, and arrest/block movement of any article being attempted to be pulled or drawn out through the slot of the depository safe. Reference Figure 2

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821024031 A
(19) INDIA
(22) Date of filing of Application :27/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : CIRCUIT ANALYSIS SYSTEM USING FAULT INJECTION TECHNIQUE

(51) International classification	:G06F 17/00 G06F 11/00	(71)**Name of Applicant :** **1)Mr. Nitin N. Mandaogade** Address of Applicant :28, New Swastik Nagar, Badnera Road, Amravati - 444607 Maharashtra India
(31) Priority Document No	:NA	**2)Dr. Prashant V. Ingole**
(32) Priority Date	:NA	(72)**Name of Inventor :**
(33) Name of priority country	:NA	**1)Mr. Nitin N. Mandaogade**
(86) International Application No	:NA	**2)Dr. Prashant V. Ingole**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Circuit analysis system using fault injection technique is designed to understand the behavior of the circuit under test in fault free condition and faulty condition. In the process of analyzing the circuit under test using circuit behavior analysis system using fault injection technique, the circuit under test is operated in fault free condition by deactivating the fault injection, this is done by disabling the enable signal (5), The input possibilities are feed through data in (2), According to the circuit under test functionality, it produces output responses through data out (8), These responses are noted as circuit under test behavior under fault free condition, To understand the behavior in faulty condition, fault injection is activated by inserting enable signal (5), Upon activating the fault injection, user also input the fault location through suck at bit (3) and defines the level of fault through stuck at value (4), Accordingly, control logic (13) activates the stimulus generator (10) and feed to the circuit under test, Based on the stuck at bit signal (3), stuck at value signal (4) and enable signal (5) the fault injector (14), injects particular fault at precise location. Accordingly output responses are confirmed and noted as in the table 1. Both the responses are later used to explore the behavior of the circuit under test in fault free condition and in faulty condition to meet reliability, conformance and durability in different situation.

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821024040 A
(19) INDIA
(22) Date of filing of Application :28/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : DUAL-LEVER WATER-SAVING FAUCET

(51) International classification	:F01N 13/00 F01N 3/00	(71)**Name of Applicant :** **1)HITESH DHARAMSHI** Address of Applicant :3152 SAGANASHKEE LANE, NAPERVILLE IL 60564. U.S.A. U.S.A.
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)HITESH DHARAMSHI**
(33) Name of priority country	:NA	**2)DOLLY DHARAMSHI**
(86) International Application No	:NA	**3)RAJUL DHARAMSHI**
Filing Date	:NA	**4)DEEPESH DHARAMSHI**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A dual-levered faucet assembly which allows user to reduce water usage by 50% when needed while operating the faucet in habitual preferred manner of using swift single motion of hand. When any one lever is operated in this manner, the water outflow is 50% of a conventional single-levered faucet. When both levers are operated in this manner, water outflow is same as that of a conventional single-levered faucet. [FIG : 1]

No. of Pages : 99 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2018
(21) Application No.201821024162 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : EEG BASED IDENTIFICATION OF OPTIMUM CHANNEL SELECTION FOR PREDICTION OF ALCOHOLISM

(51) International classification	:A61N 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Brijesh Iyer
Address of Applicant :Flat No-1, Piyush Appartment, Ravi Nagar, Taroda Naka, Nanded-431605, Maharashtra, India Maharashtra India
2)Sandeep Bavkar
(72)**Name of Inventor :**
1)Brijesh Iyer
2)Sandeep Bavkar

(57) Abstract :
An EEG is non-invasive method for recording brain signal in which several electrodes are placed on human scalp. The effect of alcoholism can be studied by EEG based classification of a person as an alcoholic and nonalcoholic. The modern EEG recording instruments come with multi-electrode mechanism for recording data. Each electrode is related with the data capture from particular part of the brain. Depending upon the application under analysis, the electrode configuration may vary. Hence, most of the electrodes do not contribute necessary information to study particular application. Prior knowledge of these electrode locations will reduce the computational complexity. Therefore, there is necessity to identify vulnerable region of brain to alcoholism. This will help to discard the unnecessary channel computations and in turn, speedy prediction of alcoholism. This effort leads to propose an indigenous sensor to predict and analyze the effect of alcoholism.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821024169 A
(19) INDIA
(22) Date of filing of Application :28/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : ADAPTIVE METHOD FOR AUTOMATIC IDENTIFICATION AND REMOVAL OF SPECULAR REFLECTIONS FROM AN IMAGE

(51) International classification	:G06F 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Brijesh Iyer
Address of Applicant :Flat No 1, Piyush Apartment, Ravi Nagar, Taroda Naka, Nanded, 431605, Maharashtra, India Maharashtra India
2)Pratik Oak
(72)**Name of Inventor :**
1)Brijesh Iyer
2)Pratik Oak

(57) Abstract :
Specular reflections (SR) are introduced in an image due to reflection from surface. It affects the original image in terms of its visualization quality. It€™s a noise and disturbs the identification of image contents and information. The SR in medical images is a real problem in computer aided diagnosis (CAD) systems. The intension of such CAD system is to automatically identify the medical image using various attributes and comment about the abnormality with respect to specific characteristics. Hence, detection and elimination of SR is a must before the actual image analysis. The un-treated SR pixels can affect the analysis in terms of feature extraction, training, classification etc.SR effect is common in all types of images on account of the reflection from surface. Motivated with this aspect, a completely adaptive method is proposed herewith, which will automatically enhance the quality of input image if required, and detect and remove SR pixels occurring in it.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821024192 A
(19) INDIA
(22) Date of filing of Application :29/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : ONE TIME USE STRAIGHT DISPOSABLE RAZOR

(51) International classification	:B26B 21/00 B26B 19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAHIL HIRANI
Address of Applicant :Adv. Sahil Hirani G/2, Olympus House, Dadaji Raghunath Street, Fort, Mumbai - 400001 Maharashtra India
2)SACHIN SHARMA
(72)**Name of Inventor :**
1)SHABBAR S SHAIKH

(57) Abstract :
A one-time use straight disposable razor comprising of detachable folding body having two parts i.e., one being a handle part for grasp and grip by a user during its use including an elongate groove adapted to fit over the blade part and the other being an elongate body with its head having blade and the said blade having a sharp edge protruding therefrom for shaving purposes, the said handle part said handle part and said blade part of the body being joined at an area of indent from where the said handle end and said blade end are separable whereby the separated handle end serves as a protective cover for the blade by placement of the blade into the groove of the handle end.

No. of Pages : 14 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821024911 A
(19) INDIA
(22) Date of filing of Application :04/07/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : NIFPS SYSTEM FOR TRANSFORMER PROTECTION

(51) International classification	:H01F 27/00 H02H 7/00	(71)**Name of Applicant :** **1)YOGESH KANTILAL DOSHI** Address of Applicant :33 MADHAV DEV BAUG, MANJALPUR, VADODARA, GUJARAT, INDIA Gujarat India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)YOGESH KANTILAL DOSHI**
(33) Name of priority country	:NA	**2)SAURABH SANGHAVI**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates SYSTEM FOR TRANSFORMER PROTECTION / SAFETY. The present invention is mainly used for providing secondary back up protection in case of if any of the over current or differential relays fails to trips, in other words failure of any of inherent protection of transformer. The present system detects the possible hazard well in advance before the starting of decomposition of combustible coolant fluid / dielectric oil leading to Fire.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821024997 A
(19) INDIA
(22) Date of filing of Application :04/07/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : TESTOMATIC-MOBILE FOOD TESTING EQUIPMENT

(51) International classification	:G01N 33/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHAH, MONARCH J.
Address of Applicant :38, Nilkanth Nagar, Opp. Payal Complex, Sardar Gunj Road Anand-388001 Gujarat, India. Email: monarchshah@yahoo.com Tel (M): +91 9510087755 Gujarat India
(72)**Name of Inventor :**
1)SHAH, MONARCH J.
2)PANCHAL, VARMIN H.

(57) Abstract :
The present invention relates to a multipurpose food testing equipment. More particularly, it relates to physical, chemical, microscopic and microbial testing of various type of food products such as spices and condiments, cereal and cereal products, Fruits and vegetables, Water, Oils and Fats, dairy, bakery, beverage, snacks and like products. It can perform proximate analysis including color value, texture profile analysis, bulk density, sp. Gravity, Absorption of light, Electrical conductivity, thermal conductivity, Melting point and Chemical analysis including pH, Acidity, TDS, Salt, all kind of titrations, all kind of adulterant detection, Microscopic analysis including colony counting and microscopic view of microorganism and process for product development, psychometric testing, Physical-chemical and gaseous analysis, digestion factor analysis. This equipment is designed in such a manner that we have to select food category and feed sample according to equipment€™s assistance panel. In machine itself, selected test is rectified, performed and processed in specific manner under pre-defined control parameters and it automatically gives the test results and graph with respect of time. This machine is equipped with programming board, multiple accurate sensors, safety fuses, temperature indicator and controller, heater, stirrer, incubator, microscope, camera, display panel, assistance panel, chemical storage vessel and other required components. Its compact and mobile design makes it looking attractive, easy to use and perform the tests so that small and medium scale operators can test their food for its quality, consistency, adulteration in raw material, physical-chemical-microscopic examination of raw, inter-mediate and final products. It generates fingerprint of food which helps in sample comparison of other food products, it also helps in aromatic studies and digestion analysis. The prime purpose of equipment is to help food business operators and testing laboratories to track quality of food at accurate levels yet cheaper cost in mobile testing equipment.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821025019 A
(19) INDIA
(22) Date of filing of Application :04/07/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : AN AUTOMATED PASTILLE FORMATION APPARATUS

(51) International classification	:A61M 5/00 A61M 25/00	(71)**Name of Applicant :** **1)MS. ASHLESHA PRAVIN PANDIT** Address of Applicant :F 201, West End Village, Right Bhusari Colony, Paud Road, Kothrud, Pune Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)Ms. Ashlesha Pravin Pandit**
(33) Name of priority country	:NA	**2)Mr. Arun Kumar Teotia**
(86) International Application No	:NA	**3)Ms. Ashwini Shesherao Kedar**
Filing Date	:NA	**4)Ms. Kanchan Rajaram Koyate**
(87) International Publication No	: NA	**5)Ms. Masnaji Rajaram Nukulwar**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
AN AUTOMATED PASTILLE FORMATION APPARATUS Disclosed is an automated pastille formation apparatus for the production of pastilles of uniform size and shape wherein uniform size and shape is achieved by automatic motion of the plunger that leads to apply precise pressure. FIG. 1 (for publication)

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2018

(21) Application No.201821025194 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A CUTTING TOOL BASED MACHINING SYSTEM FOR AUTOMATED SUBMERGED PRESSURIZED COOLANT MACHINING

(51) International classification	:B23B 27/00 B23Q 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SARKAR, Abhisek
Address of Applicant :Department of Aerospace Engineering, Defence Institute of Advanced Technology, Pune Maharashtra India 411025 Maharashtra India
(72)**Name of Inventor :**
1)SARKAR, Abhisek
2)DUTTA, Dr. Debjit
3)Abhimanyu

(57) Abstract :
ABSTRACT TITLE: A CUTTING TOOL BASED MACHINING SYSTEM FOR AUTOMATED SUBMERGED PRESSURIZED COOLANT MACHINING. The present invention relates to a cutting tool based machining system and a process thereof, involving a set-up for automated submerged machining with pressurized coolant supply to tool-work interface through inbuilt internal flow passages of the tool. The set-up is particularly suitable for vertical milling as well as drilling of various hard and difficult to machine work materials and composites, submerged under coolant pool under defined static head inside a coolant chamber, wherein carbide based tool having internal coolant flow passages mounted on milling/drilling spindle is used to ensure coolant supplied under high pressure to reach to the tool-work contact area so that temperature rise at tool-work interface and wear rate is effectively controlled by rapidly transferring heat by a combination of conduction and convection mode, favouring increased tool life, precise machining accuracy and finish with faster machining and enhanced productivity and quality in a cost effective manner as compared to traditional coolant methods. (Figure 2)

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201721023927 A
(19) INDIA
(22) Date of filing of Application :07/07/2017
(43) Publication Date : 20/07/2018

(54) Title of the invention : ARTIFICIAL SHORE WAVE ENERGY CONVERSION DEVICE.

(51) International classification	:B29C 44/00 A61F 2/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)JADHAV APURV MARUTI
Address of Applicant :71, SANT ROHIDAS CHS, G. D. AMBEKAR ROAD, PAREL VILLAGE, MUMBAI- 400012, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)JADHAV APURV MARUTI

(57) Abstract :
Invention mentioned here is floating device with artificial shore 3 held securely between two vertical walls 2 & 2a. Sea water wave 1 breaks down on artificial shore 3 in to linear flow of water. This flow of water enters the opening 11 between generator 7 and artificial shore 3 to hit the generator blades 6 causing them to rotate. This rotational motion of blades 6 will cause generator 7 to rotate and generate electricity. Vertical walls also holds pitch damping plate 5, which helps the device to damp its pitch caused due to waves. Whole device is strategically placed in sea 9 with secured mooring 8 so that whole device has enough clearance! at bottom.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821015632 A
(19) INDIA
(22) Date of filing of Application :25/04/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : VEC : VEHICLE EXHAUST CONTROLLER

(51) International classification	:B29C 47/00 F01N 13/00 F01N 3/00	(71)**Name of Applicant :** **1)PROF. DR. NITIN BALKRISHNA CHAPHALKAR** Address of Applicant :206, SIMLA HOUSING SOCIETY, SAHAKARANAGAR NO. 2, PUNE-411009, MAHARASHTRA, INDIA Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)PROF. DR. NITIN BALKRISHNA CHAPHALKAR**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Vehicle into suitable angle forms an attachment which is metallic body curved into suitable angle depending on vehicle, directing exhaust to ground. This attachment prevents silencers exhaust fumes or gases directly hitting human face or body and avoiding the problem of diseases like headache, eyes disease, and heart problem. The present invention fitted at exit end of exhaust pipe or silencer prevents direct hitting of exhaust fumes on human face or body. The all exhaust fumes strike on the road or down to earth not directly face or human body. So, this invention decreases the health problems of human.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2018

(21) Application No.201821015651 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CPWS-ELEMENTS: CONVERSION OF PLASTIC WASTE INTO USEFUL STRUCTURAL SLEMENTS FOR CONSTRUCTION INDUSTRY

(51) International classification	:B29B 17/00 C10G 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MR. ADITYA RAJKAMAL SHARMA
Address of Applicant :SR NO. 23 PLOT NO 65 NANDATAI BARATE COLONY, KARVE NAGAR,PUNE-411052 MAHARASHTRA, INDIA Maharashtra India
2)Mr. KAUSTUBH KRISHNARAO PATHAK
3)MR. GANESH DILIP PATIL
4)PROF. KHUSHAL SURESH KANADE
5)PROF. SAGAR SUNIL KOLAPKAR
6)PROF. DR. BIPLAB KUMAR SARKAR
(72)**Name of Inventor :**
1)MR. ADITYA RAJKAMAL SHARMA
2)Mr. KAUSTUBH KRISHNARAO PATHAK
3)MR. GANESH DILIP PATIL
4)PROF. KHUSHAL SURESH KANADE
5)PROF. SAGAR SUNIL KOLAPKAR
6)PROF. DR. BIPLAB KUMAR SARKAR

(57) Abstract :
Waste plastic is one of the major wastes in developing countries like India. Government of India is spending lot of money each year to process this wastes in land filling which are not degradable and can be a threat to the environment in the upcoming years. As per a 2013 estimate by the Central Pollution Control Board (CPCB), Indians throw out 15,342 tones of plastic waste every day, of which about 60% is recycled. The combustion process of plastic waste leads to heavy air pollution. The possible technologies, converting waste to creative products in construction industry can be archived. The paver block design and strength is compared with conventional construction products as per IS 15658:2006 (Clauses 5 and 9.1.4).One of the main factors like weight of the conventional product is greater and production time as well as curing period of our invention is less than the conventional construction elements as compared to our invented recycled product. Thus, converting the plastic polythene into construction related produtts through safe process will contribute to a save environment. It has been observed that the conversion of plastic waste process known as plastic recycling. Element generated through this process can lead to reduction of waste plastic effectively. This invention presents a review on the recycling process of plastic waste. In which we can convert the waste plastic into leading structural elements which can used as long term elements in the construction field. The technical features of converting polythene into product by appropriate and optimal technologies are analyzed without burring but converting it into semi plastic condition at temperature between 50°C to 80°C for getting the perfect mix. In this invention an attempt is done on developing the alternative construction material to utilize the plastic waste as a resource, thus reducing the environmental contaminants in an effective way.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2018
(21) Application No.201821019762 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : USED AND WASTE COOKING OIL STOVE AND METHOD THEREOF

(51) International classification :F24C 5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Vikrant Pradip Katekar
Address of Applicant :Plot no. 160, near NIT garden, Behind Chota Taj Bagh, Dattatraya Nagar, Nagpur-440024 Maharashtra India
(72)**Name of Inventor :**
1)Vikrant Pradip Katekar
2)Manisha H. Pal
3)Gaurav P. Jambhulkar
4)Pallavi R. Sonule
5)Vibhor S.Nitnaware
6)Neha S.Fuke
7)Purva M. Khandelwal
8)Sneha A.Narnawre

(57) Abstract :
ABSTRACT USED AND WASTE COOKING OIL STOVE AND METHOD THEREOF The modified kerosene stove working on the blend of waste cooking oil and kerosene comprises of two tanks which are fitted at the base of the cooking stove on either sides of the frame; wherein the two pressure gauges are fitted on the top of the two tanks respectively for measuring the pressure in bar or kgf/cm2; wherein the three flow regulating valves are implemented for controlling the mass flow rate of fuel; wherein three magnets are employed on the periphery of the fuel feed pipeline at the side of blend€™s tank; Wherein the spirally bended copper tube is placed around the burner and its ends are welded to the desired positions; Wherein the blend of 50% kerosene and 50% waste soya-bean oil (used cooking oil) is used as a fuel in modified kerosene stove. The process of working of modified kerosene stove comprises of initially, pressure of both the tanks is increased up to 2 bar using Hand pump arrangement where due to the pressure difference the blended fuel (50% Kerosene and 50% Used Soya bean Oil) is entered into the copper coil; pure Kerosene Passage Valve is opened and the pure Kerosene is allowed to reach the burner whereas the Blended Fuel Passage Valve is kept closed; this ignites the burner where the flame is adjusted using flame adjustment valve; the flame is kept constant for 5 minutes which provides preheating for the blended fuel in the copper coil; after preheating process, the Kerosene Passage valve is closed and the Blended Fuel Passage valve is opened, allowing the blended fuel to be used for burning; the Blended Fuel flowing through the fuel feed pipe is magnetized by the Ring Magnets thus igniting the burner vibrantly and more intensely.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2018
(21) Application No.201821019776 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DEVICES FOR RAPID SINGLE AND MULTIPLE CELL BLOCKS PREPARATIONS SIMULTANEOUSLY IN VISIBLY LOW CELLULAR SAMPLES

(51) International classification	:G01N 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Fanny Sharadkumar Desai
Address of Applicant :401 A1, Ashka Amber , Sama Savli Road, Vadodara, Gujarat 390008. India. Gujarat India
(72)**Name of Inventor :**
1)Fanny Sharadkumar Desai

(57) Abstract :
ABSTRACT DEVICES FOR RAPID SINGLE AND MULTIPLE CELL BLOCKS PREPARATIONS SIMULTANEOUSLY IN VISIBLY LOW CELLULAR SAMPLES The present invention provides an apparatus or method for cell block preparation having a protective function, comprising detachable first and second assemblies, test tubes, a strainer, a screw marking, chambers, an aperture, membrane, and the pressure means, wherein first assembly consists of an outer tube and an inner tube and the second assembly consists of three chambers. The outer tube has a screw marking at the lower end which helps to secure a strainer tightly to the second assembly, Wherein the second assembly is made up of three chambers, first part is separated from second part by an aperture; Second part of second assembly is made up of layers of different membranes that are secured under pressure, and third part of second assembly is empty space or reservoir that can collect the excess fluid.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2018

(21) Application No.201821021166 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LINCOMYCIN SUSTAINED RELEASE TABLETS 1000MG

(51) International classification	:A61K 9/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WALLACE PHARMACEUTICALS PVT. LTD.
Address of Applicant :A/303-312, Floral Deck Plaza, Off Central M.I.D.C. Road, Andheri (East), Mumbai-400093, Maharashtra, India. Maharashtra India
(72)**Name of Inventor :**
1)MENEZES, Rashmi
2)PINTO, Vinay
3)KUMAR, Pankaj
4)NIMASE, Sopan

(57) Abstract :
The present invention discloses lincomycin sustained release tablets. More particularly, the invention discloses sustained release tablets of lincomycin 1000mg for once a day administration.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2018

(21) Application No.201821017746 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : €HIGHLY SUBSTANTIVE WATER-SOLUBLE UV ABSORBERS AND PROCESS FOR PREPARATION THEREOF€ • .

(51) International classification	:C08K 5/00 C09B 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)GALAXY SURFACTANTS LTD.
Address of Applicant :C-49/2 TTC Industrial Area, Pawne, Navi Mumbai-400 703 Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)KOSHTI, Nirmal
2)SAWANT, Bhagyesh Jagannath

(57) Abstract :
Disclosed herein are water-soluble UV absorbing compounds of Formula I with two quaternary ammonium centers, wherein;
R is selected from saturated or unsaturated alkyl groups with C12 to C22 carbon atoms and R1 is selected from H or methoxy group.
The invention further discloses the synthesis of highly substantive water-soluble UV absorbers containing two quaternary ammonium centers, cinnamidopropyl (2-hydroxypropyl alkyl dimethyl ammonium chloride) dimonium chlorides of Formula I and the compositions containing the same in personal care products.

No. of Pages : 37 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2018

(21) Application No.201822016435 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DEVICE FOR TRANSFERRING AN IMPRESSION FROM A SUBSTRATE TO A SURFACE

(51) International classification :G03F 7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :683/MUM/2014
Filed on :26/02/2014

(71)**Name of Applicant :**
1)M/S. CAN IMAGE MEDIA TECH
Address of Applicant :Plot No. 53, S. No. 66, H. No. 1, Village Waliv, Tal. Vasai (East), Dist. €Palghar- 401208 Maharashtra India
(72)**Name of Inventor :**
1)Dayaram Sukhdev Mahajan

(57) Abstract :
The present invention relates to a device (Fig. 1) for transferring an impression defined herein from a substrate (1) to a surface comprising a first layer of release agent (2); either a second layer of polyvinyl acetate (3); and a third layer of mixture of acrylamide and styrene acetate (4); or a single layer of mixture of polyvinyl acetate, acrylamide and styrene acetate (3a) (not shown in Fig. 1); and the impression to be transferred thereon.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2018

(21) Application No.201823012383 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : POWERBANK RENTAL KIOSK SYSTEM

(51) International classification :H02J 7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEHUL PRAVINKANT SHUKLA
Address of Applicant :F/12 SHARVANI 12 OPP GREEN ACERS PRAHLADNAGAR AHMEDABAD 380015 GUJARAT, INDIA Gujarat India
(72)**Name of Inventor :**
1)MEHUL PRAVINKANT SHUKLA
2)SANJAY KESHVLAL CHANOIBHMAR

(57) Abstract :
The present invention relates to power bank rental kiosk system is provided. The system allows for power bank to be rented or purchased for mobile devices that may require a battery recharge. In one embodiment, the system may allow a customer to rent the battery for a selected time period and charge their portable electronic device.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2018

(21) Application No.201821021690 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPOSITION AND METHOD FOR PREPARATION OF SOIL CONDITIONER

(51) International classification	:C09K 17/00 C09K 101/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr. Suhas Buddhe
Address of Applicant :Chairman-cum-Managing Director Biocare (India) Pvt. Ltd. 57/57A, Shewalkar Garden, Wing E, First Floor, S.A. Road, Gopal Nagar, Nagpur - 440022 Maharashtra India
(72)**Name of Inventor :**
1)Dr. Suhas Buddhe

(57) Abstract :
The present invention provides composition and method for preparation of Soil Conditioner which improves the soil physical properties, soil structure, reduce soil compact and provide good conditioner for crops. Wherein said composition comprises of Ash (90-95%), Potassium Humate (5-10%), Bentonite powder (15-40%), Biogenic silica (10-40%), Potassium Silicate (2.5- 1.5%).

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2018

(21) Application No.201821021727 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AN IMPROVED SOLID STATE DEVICE FOR ENERGY STORAGE

(51) International classification	:H01G 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. VISHWANATH VITHAL BHOSALE
Address of Applicant :D.Y. PATIL EDUCATION SOCIETY (DEEMED TO BE UNIVERSITY) KASABA BAWADA, KOLHAPUR-416006, MAHARASHTRA, INDIA Maharashtra India
(72)**Name of Inventor :**
1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
2)DR. AMAR MARUTI PATIL
3)MR. ABHISHEK CHANDRAKANT LOKHANDE
4)DR. VISHWANTH VITHAL BHOSALE

(57) Abstract :
An improved solid state device for energy storage Prof. C. D. Lokhande1, Dr. A. M. Patil1, Mr. A. C. Lokhande2, and Dr. V. V. Bhosale1]D. Y. Patil Education Society (Deemed to be University) Kasaba Bawada, Kolhapur 416 006 2B-102, Katkar park, Shivaji University Road, Kolhapur- 416 008. Abstract A low cost high-performance flexible solid state asymmetric supercapacitor (ASCs) device is fabricated using two electrode supported by stainless steel. Polymer gel electrolyte is sandwiched between two electrodes. Such device with a prolonged operating potential window of+1.8 V accomplishes a specific capacitance of 109 Fg1, energy density of 19 Wh kg1, power density of 12 kW kg1 and stability of 95 % for 10,000 cyclic voltammetric cycles. Such solid state devices are useful in wearable electronics, camera flashes, hybrid electrical vehicles etc.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2018

(21) Application No.201821022140 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR WASTEWATER TREATMENT

(51) International classification	:C02F 1/00 C02F 3/00 C02F 9/00	(71)**Name of Applicant :** **1)INPHLOX WATER SYSTEMS PRIVATE LIMITED** Address of Applicant :63-64, Indralok € C, Old Nagardas Road, Andheri East, Mumbai 400069, Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)PATEL KRUNAL, Nitin** **2)NAYAK AMRIT, Om**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A method for treating wastewater is disclosed. The method comprises treating an influent wastewater stream by an ozone-assisted electrocoagulation process in at least one electrocoagulation reactor, wherein the method includes reducing the process time by 30 € 35% by selectively controlling said ozone-assisted electrocoagulation process through real-time monitoring of the influent wastewater characteristics and consequent adjustment of at least one process parameter selected from influent flow rate, ozone flow rate, electrical loading of electrodes, process time and reaction contact time.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2018

(21) Application No.201821020382 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SOLAR ENERGY FOR RURAL HOME WITH INTELLIGENT ENERGY MANAGEMENT SYSTEM

(51) International classification	:F03G 6/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr. RAJESH BASANT LOHANI
Address of Applicant :Professor, Department of Electronics and Telecommunication, Goa College of Engineering, (Government of Goa), Farmagudi, Ponda, Goa, Goa India
(72)**Name of Inventor :**
1)Dr. RAJESH BASANT LOHANI
2)MITHALI MANOHAR
3)DEVAYANI SAGAR SIRSAT

(57) Abstract :
SUBSTANCE: Solar energy has become an important green energy and lighting resource in homes especially, in rural areas. However, the challenge is to efficiently and optimally use the available solar energy stored in the battery. This invention and system provides a cost-effective solution to the challenge of managing variable solar energy inputs. The system consists of central energy manager, the controllable intelligent lights and the three-wire bus system. The novelty of the invention is optimal and efficient use of energy by using sub interval ON time (SIOT), Sub interval dim time (SIDT) with the intelligent utilization factor which is calculated using real time data from the points. EFFECT: Optimal utilization of energy using intelligent communication link.

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2018
(21) Application No.201821020468 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD FOR NANOANTENNA FOR SOLAR APPLICATIONS

(51) International classification	:H01Q 1/00	(71)**Name of Applicant :** **1)DR. MOHAMMAD ISRAR** Address of Applicant :Department of Mechanical Engineering, Sur University College, Sur, Sultanate of Oman Oman **2)SHRI RADHEY SHYAM MEENA**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)DR. MOHAMMAD ISRAR**
(87) International Publication No	: NA	**2)SHRI RADHEY SHYAM MEENA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention related to nano-antenna. The invention is more particularly related to Nano antenna for extreme-fast communication platform and solar applications. The Nano antenna according to the present invention can be optimized for collection of discrete bands of electromagnetic energy. It is new and efficient approach for producing electricity from the abundant energy of the sun. The present invention more particularly present a Method for producing high output from a nano antenna in solar applications

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2018

(21) Application No.201821024242 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SCALABLE AND ENERGY EFFICIENT COMMUNICATION USING MULTIRATE SAMPLING FOR 5G

(51) International classification	:H04W 4/80 H04N 19/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MRS. LINA CHETAN PAWAR
Address of Applicant :D. Y. PATIL COLLEGE OF ENGINEERING, D. Y. PATIL EDUCATIONAL COMPLEX, SECTOR 29, NIGDI PRADHIKARAN, AKURDI, PUNE-411 044, MAHARASHTRA, INDIA. Maharashtra India
2)DR. D.G. KHAIRNAR
(72)**Name of Inventor :**
1)MRS. LINA CHETAN PAWAR
2)DR. D.G. KHAIRNAR

(57) Abstract :
As we all are aware that 5G technology has lot many challenges like Scalability, power consumption, spectrum density, delay etc. These entire factors if improved leads 5G technology to the next level. In this research work we are trying to improve the scalability and power consumption issue by decimating the sample which needs to be transmitted and then interpolating the same at receiver end followed by data prediction algorithm which will generate more or less the same original signal. In order to achieve above we have to develop 3 things:- #Decimator algorithm so as to decimate only redundant data and not the unique value. €Interpolator and prediction algorithm so as to recover the signal similar to the original signal. €Minimize the probability error to zero which will prove that the interpolated signal is same as the original signal. If we achieve this then power consumption would also be reduced as it will save transmitting and receiving antenna power which is the highest among all the interconnected systems.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201821024251 A
(19) INDIA
(22) Date of filing of Application :29/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : AUTOMATIC WATER TANK CLEANER AND PURIFIER

(51) International classification	:F23J 15/02	(71)**Name of Applicant :** **1)SHUBHAM BALASAHEB MATRE** Address of Applicant :SHREEKRISHNA COLONY, SHASTRI NAGAR, RAHATNI ROAD, PUNE-411017, MAHARASHTRA, INDIA Maharashtra India **2)DLGVIJAY BABURAO KATKAR**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :** **1)SHUBHAM BALASAHEB MATRE** **2)DLGVIJAY BABURAO KATKAR**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
There are water tanks in each and every house in the world. Water tank is an necessary for storing the water and using it when it is needed. As we are using the water for our daily needs its necessary to keep the water tank clean. But for cleaning the tank we need more efforts and due which people are not cleaning the water tanks for sometimes more than 6months or a year, due to which at the base of tank the small particles of sand gets collected due to which the water in tank becomes impure and its difficult and costly to clean it. For making it easier and cheaper we have invented our method/mechanism which is cheaper and more effective and water is Purified also.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2018

(21) Application No.201821008147 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : NOVEL PROCESS FOR THE SYNTHESIS OF CLOBETASOL PROPIONATE

(51) International classification	:C07C 53/122 C12P 7/52 G10L 13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PATIL SANJEEV RAJARAM
Address of Applicant :RH-85, B/412, ROHIDESHWAR DARSHAN, MIDC PHASE II, DOMBIVLI (EAST), MUMBAI-421 203, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)SANJEEV RAJARAM PATIL
2)DEVANAND BABURAO SHINDE
3)MADHAV VASANT DHAMDHERE
4)ANIL SHRIDHARRAO BOBADE
5)ASHISH L. ARSONDKAR
6)JAIPRAKASH N. SANGSHETTI
7)VRUSHALI N. PATIL

(57) Abstract :
This invention relates to a process of preparation of Clobetasol propionate comprising Steps- a) Betamethasone 17-propionate (stage-1) Charging Betamethasone in Dimethylformamide and P-toluenesulfonic acid at 10-15°C under Stirring & followed by addition of trimethyl ortho propionate/tributyl ortho propionate, further continued stirring at the same temperature for 3-5 hrs, the reaction was monitored for completion by TLC, reaction mass was quenched in purified water at 10-15°C, acidified with 2N H2S04 up to pH=l.0-2.0, Solid isolated filtered, again washed with DM water, filtered the wet solid and suck dried completely,wet solid dried in tray drier at 50-55°C completely to stage-1 dry solid. b) Betamethasone 21-Tosylate (stage-2) Charging of Stage-1 in DMF under stirring and addition of p-Dimethylaminopyridine followed by addition of P-toluenesulfonyl chloride and reaction at 60-65°C,the reaction was monitored for completion by TLC, insitu used reaction mass for next step. c) Clobetasol propionate In insitu reaction mass added LiCl and continued stirring at the same temperature to remove tosylate group at 60-65°C to chloro group,monitored reaction completion by TLC, after reaction completion, quenched the reaction mass in ice water and material precipitated out, filtered, suck dried and washed with DM water,dried in oven to obtain Clobetasol propionate dry solid.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201721021440 A
(19) INDIA
(22) Date of filing of Application :19/06/2017
(43) Publication Date : 20/07/2018

(54) Title of the invention : PUBLIC MOBILE CHARGING STATION

(51) International classification	:H02J 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MEHUL PRAVINKANT SHUKLA
Address of Applicant :F/12 SHARNAM 12 OPP GREEN ACERS PRAHLADNAGAR AHMEDABAD 380015 GUJARAT, INDIA Gujarat India
(72)**Name of Inventor :**
1)MEHUL PRAVINKANT SHUKLA
2)SANJAY KESHVLAL CHANOIBHMAR

(57) Abstract :
The present invention relates to the cell phone charging device for the mobile charging device use at public places with plurality of charging options. The public cellular telephone charging station is a publicly accessible charging system for cellular telephones and other portable devices. The charging station may be kiosk-style.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2018
(21) Application No.201841025841 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LOW COST REMOTE REALTIME HEALTH CARE MONITORING SYSTEM WITH INTEGRATED IOT AND CLOUD

(51) International classification :G03B42/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DR.A.RIJUVAN BEGYM
Address of Applicant :TRICHY-THANJAVUR HIGHWAY, PRIST UNIVERSITY, VALLAM, THANJAVUR, TAMILNADU - 613403, INDIA. Tamil Nadu India
2)S.ABINAYA
3)MS.A.SHERAAJ FATHIMAA
(72)**Name of Inventor :**
1)DR.A.RIJUVAN BEGYM
2)S.ABINAYA
3)MS.A.SHERAAJ FATHIMAA

(57) Abstract :
LOW COST REMOTE REALTIME HEALTH CARE MONITORING SYSTEM WITH INTEGRATED IOT AND CLOUD Remote monitoring of health care system is promoted with revolutionized modern technologies in the recent past due to the development of Information and Communication technologies for effective treatment and administration. GSM techniques were used in earlier days to send the SMS about the patient conditions to the doctors or care takers. The main drawback of this system is that the entire case history of the patient will not be displayed only current data will be updated. There are two major challenges faced in the remote health care monitoring system are caring patients in the environments like residence and intensive care units and rising health care cost. The present health care system is completely restructured using IOT in socio-technological and economical aspects. Applications Internet of Things (IOT) spreads out in different domains especially in the field of medical and health care. With this in mind an Advanced Patient Health Care System is developed by integrating cloud and IOT. The system is built with the Temperature Sensor, Glucose sensor and Pulse sensor. The sensors provide a monitoring data continuously to both data centre and observation server simultaneously and to provide data retrieval capability whenever needed with the help of integrated cloud and IOT platform. Moreover the system is interfaced with- the THINK VIEW Application software, which graphically displays the sensed temperature, blood glucose and pulse rate of the ill patient to the authenticated person or to the care taker once in every 60 seconds. The system uses a photodiode which is attached to the glucose sensor to measure the blood glucose level without collecting raw blood sample from the patient by keeping the skin as a medium is one of the main features of this proposed health care system. t The system is tested with the patients of different category like sleeping, sitting and walking graphical representation of the monitored data makes the patient themselves to know about whether they are normal or abnormal.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2018

(21) Application No.201841025868 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ALTERNATE FEED OF BAMBOO AND MODAL YARN AND ITS BLENDS IN KNIT AND WOVEN FABRIC DEVELOPMENT

(51) International classification	:A43B 1/00	(71)**Name of Applicant :** **1)G. MOHAMED ZAKRIYA**
(31) Priority Document No	:NA	Address of Applicant :123/38, SINGARATHOPE,
(32) Priority Date	:NA	TRICHIRAPPALLI, TAMILNADU - 620 008. Tamil Nadu India
(33) Name of priority country	:NA	**2)K.S. MADHESWARAN**
(86) International Application No	:NA	**3)K. JAGADEESAN**
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)G. MOHAMED ZAKRIYA**
(61) Patent of Addition to Application Number	:NA	**2)K.S. MADHESWARAN**
Filing Date	:NA	**3)K. JAGADEESAN**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to fabrication technique of knitted and woven fabrics intended to use for inner wears by knitting and shirting material by weaving. Alternate feed of yam on knitting machine or alternate arrangement of warp and weft yam made up of 100% Bamboo and Modal fibre. Or else blends of 50 weight % of Bamboo / Modal, 25-35 weight % of Cotton fibre and 15-25 weight % of Polyester fibre, blended yam give high quality fabrics. Adopting balanced structures like single jersey, rib, and interlock in knitting sector and plain weave and twill weaves in woven sector. 30s-40s count yam selected to produce 120-180 g/m2 weight of fabric. Gauge of the machine is 22-28 per inch and loop length is 6-10mm. It has the advantages of bright colour texture, good abrasion resistance and high absorbency, more lustrous appearance with soft feel along with good durability.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2018
(21) Application No.201841026027 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SINGLE-WHEELED SELF-BALANCING ELECTRIC VEHICLE

(51) International classification	:B60L 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Shreyas G U
Address of Applicant :S/o G V Umesh, #3944, 2nd Cross, Chandagala Layout, Shankar Nagar, Mandya -571401, Karnataka India. Karnataka India
(72)**Name of Inventor :**
1)Shreyas G U
2)Dr. C J Gangadhara Gowda

(57) Abstract :
This invention relates to a single-wheeled self-balancing electric vehicle, wherein said vehicle comprising: a main frame 109; a shaft 101; a plurality of motors; accessories for turning mechanism 104; a plurality of batteries 105; a handle 108; and a wheel 106.The handle supports the process of holding. The battery or batteries is used as source of energy for driving the vehicle forward. The battery or batteries are placed beneath the seating arrangement of the vehicle. A balancing Motor and shaft together supports the process of self- balancing. A rotating Motor is used for rotation of single wheel. The tyre may be radial, tubed or tubeless. Seating capacity of Vehicle is one. The head and tail lights are LED lights. The wheel has a hub motor within which there is a stationary center shaft and operation of the motor causes the rotation of the wheeled vehicle depending upon the throttle.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2018

(21) Application No.201841026162 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTELLIGENT SHOPPING CART WITH PERSONALIZED RECOMMENDER SYSTEM

(51) International classification	:G06Q 30/00	(71)**Name of Applicant :** **1)Dr. G.Sunitha** Address of Applicant :Professor, CSE, Sree Vidyanikethan Engineering College, A. Rangampet, Tirupati. Andhra Pradesh India **2)Dr.J.Avanija** **3)Dr. K.Reddy Madhavi**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)**Name of Inventor :** **1)Dr. G.Sunitha** **2)Dr.J.Avanija** **3)Dr. K.Reddy Madhavi**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to systems that assist in providing better shopping experience and convenience to users having handheld smart devices which may be either a smart mobile phone or a tablet computer. This invention uses the RFID technology to develop an Intelligent Shopping Cart with Personalized Recommender System. The Intelligent shopping cart along with the handheld smart device, smart device application and a server/cloud facilitates shopper and retailer with smart shopping, online billing and payment, unassisted self-checkout along with the personalized recommender system and in-store navigation system. The handheld smart device may communicate with the server/cloud through wireless communication. The smart device application may be used by the shopper for creating personal accounts, maintaining e-wallets, prior preparation of shopping lists, product search and in-store navigation, personalized product recommendations and online billing and payment. The personalized recommender system can be used by shoppers to get active reminders, information on the selected product, and to be informed of the competitive products, available discounts, and be supported with recipe-ingredients recommendation, personalized product recommendations. Additionally, this invention has the capability to interface the RFID technology with smart device application and server/cloud to provide anti-theft detection system.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2018
(21) Application No.201841026260 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SIGN LANGUAGE TRANSLATOR GLOVE

(51) International classification :G06F3/014
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)K.PALANIKUMAR
Address of Applicant :PRINCIPAL, SRI SAIRAM INSTITUTE OF TECHNOLOGY Tamil Nadu India
2)K.C.SURESH
3)B. KRISHNA MOORTHY
(72)**Name of Inventor :**
1)Dr.K.PALANIKUMAR
2)K.C.SURESH
3)B. KRISHNA MOORTHY

(57) Abstract :
This invention strives to provide open and free communication for the speech-impaired people with the common folk. The invention is designed to provide the mute community with a chance to convert their gestures into regular speech based communication with the vast public. The Gesture Glove makes use of the capability of flex and gyroscopic sensors to capture the gestures of the end user wearing the said glove system and have them mapped to their corresponding pre-stored patterns in the database and consequently convert them into voice signals. This technology can be used to comprehensively map the gestures of the mute person and provide them with the capability to communicate normally. The invention also makes the more complex gestures customizable, i.e. speech-impaired people can map their own gestures to text which can then be converted to speech. The invention converts their hand gestures into voice which a normal person can understand with the help of Data Analytics and Machine Learning. This device consists of a wireless glove, consisting of flex sensors and gyroscope. These sensors sense the movement of hand and fingers. This system consists of a mini high computing device, which converts these movements of hand into real time speech output for corresponding gesture. The text and voice output are configured to be output in English language. So, this device provides efficient way of communication for both deaf-dumb and normal people.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2018

(21) Application No.201841026429 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : WATER BASED DRILLING FLUID ADDITIVE AND A PREPARATION METHOD THEREOF

(51) International classification	:E21B 41/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PONMANI
Address of Applicant :DEPARTMENT OF PETROLEUM ENGINEERING, ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET), KANATHUR, CHENNAI - 603 112, TAMIL NADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)PONMANI

(57) Abstract :
A water-based drilling fluid additive and a preparation method thereof are disclosed. The additive comprising of: a base fluid selected from the group consisting of water, polyethyleneglygol, propylene and even crude oil; a nanoparticle added with the base fluid to form nanofluid. The prepared nanofluid is then mixed with various kinds of agro based cellulose along with dispersing agent in the form of colloidal dispersion. In general, bear testimony to the efficacy of Nanofluids in the development of next-generation improved water-based drilling fluids suitable for effici«nt drilling. The generated cellulose based additives are effici«nt to control rheology and filtration properties of the various nanofluids formulated with cellulose and also to improve the thermal conductivity and electrical conductivity of the various nanofluids formulated with cellulose.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2017

(21) Application No.201741047171 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INBUILT TYRE REPLACEMENT SUPPORT FOR AUTOMOBILES

(51) International classification :B60C29/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr.D.BALAJI
Address of Applicant :DEPARTMENT OF MECHANICAL ENGG, KPR INST OF ENGG AND TECH., 204/2, 204/4, ARASUR, COIMBATORE - 641 407. Tamil Nadu India
2)Mr.L. RAJESHKUMAR
(72)**Name of Inventor :**
1)Dr.D.BALAJI
2)Mr.L. RAJESHKUMAR
3)Mr. Kargilraj
4)Mr. Infant Arokiyaraj
5)Mr. D. Muralitharan
6)Mr. R. PRASANTH BABU

(57) Abstract :
The automobiles tyre changing system should be required external support, in this invention it's converted by the automobiles internal supporting system itself. The operation of tyre replacement is entirely carried out by the system which is present in the automobile itself with less human inventions. The said system should replace the punctured tyre, position it on the specific spot and as well as repaired it to make it go for the next round. Only in the case where it is really bigger punctured hole, it requires external support. In most of the present scenario tubeless tyre are completely taken care by this system.

No. of Pages : 3 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2017

(21) Application No.201741047175 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ENCHANCED WINDOW FOR EFFECTIVE PROTECTION FROM WIND

(51) International classification :E06B3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. D. Balaji
Address of Applicant :DEPARTMENT OF MECHANICAL ENGG, KPR INST OF ENGG AND TECH., 204/2, 204/4, ARASUR, COIMBATORE - 641 407. Tamil Nadu India
2)Mr. B. Arulmurugan
3)Mr. Vignesh
(72)**Name of Inventor :**
1)Dr. D. Balaji
2)Mr. B. Arulmurugan
3)Mr. Vignesh
4)Mr. S. Pranesh
5)Mr. K praveen kumar
6)Mr. V. Praveen

(57) Abstract :
The window air flow for an automobile is one of the uncontrolled and unmetered airflow system. The present invention focused on supplying metered airflow to the passengers and other who involved in it. This is very useful system even saves the fuel to little extent. The unmetered airflow causes the passenger and other stakeholder discomfort. This system avoids the discomfort and makes the passenger to get the uncontrolled airflow and make them comfort. This system has 3 segmented window arrangements and corresponding control units are provided to achieve it. The fuel saving is achieved by the flexible window unit and with water spraying unit to get the cool air, which in turn avoid using air conditioner.

No. of Pages : 3 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201841024721 A
(19) INDIA
(22) Date of filing of Application :03/07/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : ACCIDENT SURAKSHA (CRASH REPORTER)

(51) International classification	:G08B21/14; G08B23/00;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr.M.A. JABBAR
Address of Applicant :VARDHAMAN COLLEGE OF ENGINEERING, SHAMSHABAD, HYDERABAD, TELANGANA, INDIA - 501 218. Telangana India
(72)**Name of Inventor :**
1)Dr.M.A. JABBAR
2)Prof RAJANIKANTH ALUVALU
3)Mr.DILIP VARMA SAGI
4)Mr.K.SRIKANTH
5)MD.ASIF

(57) Abstract :
A method for designing the crash reporter (Accident Suraksha) using Raspberry PI is proposed. Accelerometer sends signals to the raspberry pi and whenever the g -force reading is between 7.5g to 13.2g the raspberry pi activates (this indicates a accident has happened). As soon as the accident occurs, GPS tracks the location of the car. The location is then used to find out the nearby hospitals to the incident. The hospitals which are nearer to the incident are informed by sending message via GSM/GPRS 900 SIM shield. Information is also sent to the family members whose contact numbers are pre-stored in raspberry-pi. The next purpose of this project is to find if a person is in drowsy state or not. The images of the person (driver) when she/he is in drowsy state are stored in the raspberry-pi before. Then using camera, samples (photos) of the driver are taken continuously and then images are processed and compared to find if the driver is in drowsy or in normal state . If the driver is in drowsy state, then the driver is warned. Images are re-checked using outlier analysis and warned to the driver if any differences are found.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2018

(21) Application No.201847026910 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ADAPTIVE QUANTIZATION

(51) International classification :G10L19/002G10L19/00H03M1/00
(31) Priority Document No :16152783.3
(32) Priority Date :26/01/2016
(33) Name of priority country :EPO
(86) International Application No :PCT/US2017/015113
Filing Date :26/01/2017
(87) International Publication No :WO 2017/132366
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOLBY LABORATORIES LICENSING CORPORATION
Address of Applicant :1275 Market Street San Francisco, California 94103,USA. U.S.A.
(72)**Name of Inventor :**
1)TSINGOS, Nicolas R.
2)COHEN, Zachary Gideon
3)KUMAR, Vivek

(57) Abstract :
An importance metric based at least in part on an energy metric may be determined for each of a plurality of received audio objects. Some methods may involve: determining a global importance metric for all of the audio objects based at least in part on a total energy value calculated by summing the energy metric of each of the audio objects; determining an estimated quantization bit depth and a quantization error for each of the audio objects; calculating a total noise metric for all of the audio objects the total noise metric being based at least in part on a total quantization error corresponding with the estimated quantization bit depth; calculating a total signal-to-noise ratio corresponding with the total noise metric and the total energy value; and determining a final quantization bit depth for each of the audio objects by applying a signal-to-noise ratio threshold to the total signal-to-noise ratio.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201843026001 A
(19) INDIA
(22) Date of filing of Application :12/07/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : IMPROVISED AUTOCLEAN ROLLER FOR USE IN A TEXTILE MACHINE

(51) International classification	:B65G 17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MYLSAMY RANGA RAMANUJAM
Address of Applicant :€˜COATS€™ 13/20, Sitra Kalapatty Road, Civil Aerodrome Post, COIMBATORE Tamil Nadu India
(72)**Name of Inventor :**
1)MYLSAMY RANGA RAMANUJAM

(57) Abstract :
An Improvised Autoclean Roller for use in a textile machine consisting of a solid housing (1) and a lamella profile (2) wherein the solid housing (1) has increased cylindrical profiles (1a) at both the ends and a reduced cylindrical profile (1b) at the middle. The outer surface of the solid housing (1a) is provided with grooves (1c), which are later filled during over moulding of lamella profile (2) over the housing (1) by the injection moulding process. The extreme ends of the housing (1) are provided with shoulder pins (1e). The step (1d) is provided to prevent the lateral swing of the Autoclean Roller, which is arrested by fixing on the clamp readily available in the top arm of the machine. The lamella profile (2) is provided with teeth (2a) which have a helix angle to have a continuous contact over the associated rollers as they rotate.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2018
(21) Application No.201841026127 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SYSTEM AND A METHOD FOR LOAD BALANCING IN CLOUD COMPUTING

(51) International classification	:H04L 29/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr. B. RAMA
Address of Applicant :Department of Computer Science, Kakatiya University, Warangal Telangana India
2)VENKATESHWARLU VELDE
(72)**Name of Inventor :**
1)Dr. B. RAMA
2)VENKATESHWARLU VELDE

(57) Abstract :
Embodiments of the present invention relate to a system and method for load balancing in cloud computing. The system includes multiple partitions having at least one virtual machine and a load balancer and a controller operably connected to the load balancer and configured to receive the usage data of the computing devices. A communication signal is sent by the controller to the load balancer for optimizing the list of tasks to be performed based on the capacity of each individual virtual machine in the partition and list of tasks to be completed by the system.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201841026128 A
(19) INDIA
(22) Date of filing of Application :12/07/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : CONSTRUCTING MEAN-BASED DIVISIVE CLUSTERING METHOD

(51) International classification	:G06F 17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. B RAMA
Address of Applicant :Dept of Computer Science, Kakatiya University, Warangal Telangana India
2)Mr. PAPPULA PRAVEEN
(72)**Name of Inventor :**
1)DR. B RAMA
2)Mr. PAPPULA PRAVEEN

(57) Abstract :
A constructive mean-based divisive clustering method is disclosed. In this method, initially all data elements are arranged in a single cluster. From this cluster a mean value is picked and compared with the data element and then less than mean value is shifted to left and greater than mean value shifted to right and stored in new cluster. In this every cluster is represented by mean value and if any new object is entered data set that mean value is compared with the existing clusters and stored in nearest cluster. With this method it optimizes the computational complexity and increases efficiency.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2017

(21) Application No.201741041555 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A DIE FOR TWIST CHANNEL ANGULAR EXTRUSION PROCESS

(51) International classification	:B21C 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SRM UNIVERSITY
Address of Applicant :KATTANKULATHUR, CHENNAI-603203, TAMIL NADU, INDIA Tamil Nadu India
(72)**Name of Inventor :**
1)U. Mohammed Iqbal
2)Arvindh Subramoniam

(57) Abstract :
ABSTRACT A DIE FOR A TWIST CHANNEL ANGULAR EXTRUSION PROCESS The present disclosure envisages a die (90) for a metal and metal alloy extrusion process. The die (90) is configured in parts to facilitate cost efficient manufacturing of the die (90). The die (90) has fillets (107A & 107B) in twist channels to reduce stress in die body (100) while extruding a workpiece.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2018

(21) Application No.201841026715 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A CHARGING APPARATUS

(51) International classification	:H02J 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
Address of Applicant :KATTANKULATHUR, CHENNAI-603203, TAMIL NADU, INDIA Tamil Nadu India
(72)**Name of Inventor :**
1)KARNAM, Sunitha Anantha
2)V. SREYAS
3)R. PARUL SINGH

(57) Abstract :
The present disclosure envisages a charging apparatus (100) a current generation unit (102) receives continuous mechanical vibrations and generates an alternating current, a rectifier (104) receives the alternating current and converts the alternating current to a direct current, an amplifier (106) amplifies the direct current to generate an amplified direct current, a device (108) receives the amplified direct current to charge the device (108).

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2017

(21) Application No.201741030245 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SECURED DATA TRANSMISSION SYSTEM AND METHOD THEREOF

(51) International classification	:H04W 84/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SRM UNIVERSITY
Address of Applicant :KATTANKULATHUR, CHENNAI-603203, TAMIL NADU, INDIA. Tamil Nadu India
(72)**Name of Inventor :**
1)R Mythili
2)N. Revathi Venkataraman

(57) Abstract :
The present disclosure envisages a system (100) for secured data transmission in a wireless sensor network. The technical advantage of the present disclosure is to provide lightweight secure data transmission system. The system comprises a plurality of sensor nodes (S1, S2, S3, ...Sn), a base station (50) and a destination node (60). The plurality of sensor nodes (S1, S2, S3, ...Sn) senses parameter value and encrypt a sensed parameter value by using the at least one proximity value to generate encrypted parameter data. The base station (50) selects at least one private key and a destination node, and transmits the encrypted parameter data and the private key to the destination node. The destination node (60) decrypts the encrypted parameter data to generate the sensed parameter value using the private key.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2017
(21) Application No.201741030634 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SYSTEM AND A METHOD FOR EXTRACTING MAXIMUM POWER IN THERMOELECTRIC GENERATORS

(51) International classification	:H01L 35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI
Address of Applicant :Tiruchirappalli, Tamil Nadu- 620015, India. Tamil Nadu India
(72)**Name of Inventor :**
1)Bepinkumar Bijukumar
2)Manickam Chakkarapani
3)Ganesan Saravana Ilango
4)Chilakapati Nagamani
5)Kannan Srinivasan

(57) Abstract :
The present invention relates to a system and method of extracting maximum power from Thermoelectric Generators (TEG€™s) under dynamic change in temperature and load conditions. The present invention further relates to a method of extracting maximum power from a thermoelectric generator system or TEG using a maximum power point tracking technique. Additionally the present invention discloses a method of extraction of maximum power from the thermoelectric generator system or TEG using the linear characteristic of the current and voltage of the thermo electric generator TEG. The Maximum Power Point Tracking (MPPT) Converter system for Thermoelectric Generators (TEGs) comprises a programmable power supply [1], a DC-DC booster convertor [2], one or more sensors [3], one or more drivers [4], a microcontroller unit [5] and divider network. Figure 1:

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2018
(21) Application No.201841020546 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : EFFECTIVE POWER ASSIST SYSTEM FOR AN ELECTRIC ENERGY SOURCE IN AN ELECTRIC OR HYBRID VEHICLE

(51) International classification	:B60K7/0007; B60L11/1805;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GO GREEN EOT (ENERGY OF THINGS) PRIVATE LIMITED
Address of Applicant :#9, EAST END D MAIN ROAD, JAYANAGAR 9TH BLOCK, BANGALORE. Karnataka India
(72)**Name of Inventor :**
1)Dhivik Ashok
2)Sivasankar Poovaragavan
3)Ashok CS

(57) Abstract :
A power assist system for reducing a load power of a primary energy source (102) in an electric vehicle based on load conditions. The system includes a primary energy source (102), a high power density device (104), a vehicle monitoring unit (106), an electric motor (114), a regenerative coupling unit (116), a switching unit (108), a level detector (110), a limiter circuit (112) and a power management system (100). The system provides (i) additional electric power to the electric motor (114) using the high power density device (104) when the load power of the electric motor (114) exceeds a first threshold level and (ii) stores the regenerative electric energy in the high power density device (104) from the electric motor (114).

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201831011600 A
(19) INDIA
(22) Date of filing of Application :28/03/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD FOR HEAT RECOVERY IN GASIFICATION PROCESS

(51) International classification :F02C6/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Indian Institute of Technology Patna
Address of Applicant :Indian Institute of Technology Patna Bihta Bihar INDIA
(72)**Name of Inventor :**
1)Sunil
2)Dr. Rishi Raj
3)Dr. Ajay D Thakur
4)Birendra Kumar Rajan
5)Bathina Chaitanya
6)Rahul Sinha
7)Akash Agrawal
8)Anurag Agrawal

(57) Abstract :
System and Method for Heat Recovery from Gasification Process A system for gasifying a feedstock is described. The system comprises a gasifier for gasifying a feedstock to produce a combustible gas, a combustor for combusting the combustible gas to produce a heated gas, a heat exchanger shell comprising a shell coupled to a tube, wherein the heat exchanger is associated with at least a portion of the gasifier and is configured to extract heat from the gasifier, and heat a fluid in thermal contact with the heat exchanger, to produce a heated fluid. Also described is a method of gasifying a feedstock.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201831024232 A
(19) INDIA
(22) Date of filing of Application :29/06/2018
(43) Publication Date : 20/07/2018

(54) Title of the invention : AN INTELLIGENT DUSTBIN.

(51) International classification	:B65F1/00; B65F1/08; B65F1/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. SAJAL SAHA
Address of Applicant :DEPARTMENT OF CSE, KAZIRANGA UNIVERSITY, JIRHAT, ASSAM, INDIA,785006.
2)DR. DIPU SARKAR
3)MANOJ MAHANTA
4)TWINKIE KAUR
5)GYANANKUSH BURAGOHAIN
6)JYOTISHMAN GOGOI
(72)**Name of Inventor :**
1)DR. SAJAL SAHA
2)DR. DIPU SARKAR
3)MANOJ MAHANTA
4)TWINKIE KAUR
5)GYANANKUSH BURAGOHAIN
6)JYOTISHMAN GOGOI

(57) Abstract :
This invention relates to an intelligent dustbin and in particular, this invention relates to an intelligent dustbin wherein user gives the movement command to dustbin either through voice or smart phone. This invention relates to an intelligent dustbin wherein echo searches and enables corresponding actions from the node red which is connected to AWS cloud server. This invention relates to an intelligent dustbin wherein the intelligent dustbin changes its direction as it finds an obstacle during the movement to avoid accident. Furthermore, this invention also relates to an intelligent dustbin which has the beneficial effects of easy to master, thereby can be widely used in the field of security and protection and having safety and reliability.

No. of Pages : 28 No. of Claims : 6

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201711002105 A

(19) INDIA

(22) Date of filing of Application :19/01/2017

(43) Publication Date : 20/07/2018

(54) Title of the invention : HOOD CROSS MEMBER FOR IMPROVING RADIATOR MOUNTING VIBRATION PERFORMANCE IN A VEHICLE

(51) International classification	:B60K11/02	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)MARUTI SUZUKI INDIA LIMITED**
(32) Priority Date	:NA	Address of Applicant :1, Nelson Mandela Road, Vasant Kunj,
(33) Name of priority country	:NA	New Delhi € 110070, India. Delhi India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)NINAD PIMPALKHARE**
(87) International Publication No	: NA	**2)VADDI YUVA KISHORE**
(61) Patent of Addition to Application Number	:NA	**3)CHETAN PRAKASH JAIN**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter disclosed herein relates to a structure of hood cross member (400) with optimized bead structure (402) for improving the radiator mounting and reducing the radiator mounting bracket vibrations performance in a vehicle. The optimized bead structure (402) is provided at the weakest location to improve the vibration performance at the problem frequencies. The addition of the bead structure (402) at the weakest location or region increases the stiffness and there by shifts the natural frequency of the hood cross member (400) to high value. The bead structure (402) in the hood cross member (400) reduces the vibration level at the radiator mounting location along with the reduction in vibration level inside the cabin. Further, addition of the bead structure (402) to the hood cross member (400) does not increase the weight and cost of the hood cross member. To be published with Fig. 4

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2017

(21) Application No.201711002157 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SYSTEM AND METHOD FOR REAL-TIME RESERVATION OF PERISHABLE INVENTORY

(51) International classification	:H04L29/06	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)TROOSOL ENTERPRISES PVT LTD**
(32) Priority Date	:NA	Address of Applicant :H- 98, Sector-25, GB Nagar, Noida-201301, Uttar Pradesh, India Uttar Pradesh India
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)KUMAR, Sanjay**
(87) International Publication No	: NA	**2)KUMAR, Amitesh**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention provides an internet-based inventory reservation system and method, utilizing the perishable inventory of the service providers. The present invention brings the service providers and the customers to a single platform to work out mutually beneficial deals, thereby providing revenue recovery for service providers and negotiable and affordable last-minute deals to the customers. These last minute deals are provided by the service providers of various sectors, such as but not limited to hotels, restaurants, cinema, grocery, shopping, sports and concerts. The present invention uses the €success potential meter€ • which statistically computes the success rate of acceptance of a deal, i.e., the probability of matching the bid price submitted by the customer with the price offered by the service provider. The present invention, therefore, allows the customer to submit multiple bid prices for a service. Fig.1, Fig.2, Fig.3, Fig.4 and Fig.5

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2017

(21) Application No.201711002158 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TAMPER-PROOF SMART PV PANEL

(51) International classification :H04L41/0659
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Simpa Energy India Pvt. Ltd.
Address of Applicant :Fourth Floor, B-2, Sector-5, Noida - 201301, Uttar Pradesh, India. Uttar Pradesh India
(72)**Name of Inventor :**
1)BARUA, Sanjoy
2)PANDEY, Manoj Kumar
3)SHRIVASTAVA, Kunal

(57) Abstract :
The present disclosure provides a tamper-proof, weatherproof and theft protected solar home system suitable for pay as you go model of distribution. The solar home system comprises one or more smart PV panels each configured with a control module. The control module is cast in electrical grade resin that fills the electronic circuit and binds with PV panels so as to restrict access to the electronic circuits and make it tamper-proof to prevent unauthorized drawl of power. At least one of the one or more smart PV panels can be a master panel others working as slaves in communication with the master panel. The master panel communicates with a server through a network. Further, the master panel controls the slave modules that include a charge control module. The disclosed solar home system also includes a short range communication means that enable control and monitoring even without GPRS/GSM connectivity.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2017

(21) Application No.201711002192 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ANTIHAKBOARD(AHB) A HACKER-PROOF DESIGN AND TECHNIQUE TO ENCRYPT/DECRYPT INFORMATION ON COMPUTERS AND INTERNET TO BOOST SECURITY AND AVOID INFORMATION GETTING HACKED [TITLE]

(51) International classification	:H04L9/3093
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Tejinder Singh
Address of Applicant :House Number 1352, Sector 44B, Chandigarh, India, Pin 160047 Chandigarh India
(72)**Name of Inventor :**
1)Tejinder Singh

(57) Abstract :
There are lots of techniques for security of information exchange in internet world. AntiHakBoard is an initiative on one such technique. It works like RSA SecurlD but rather as an implementation on just internet, it applies on complete computer, making it safe from hacking or viruses or Trojans.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201711001418 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PORTABLE DESERT TRACK

(51) International classification :G08B21/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Texla Plastics & Metals Pvt. Ltd.
Address of Applicant :Village Kanganwal, PO Jugiana, Distt Ludhiana, Punjab Punjab India
(72)**Name of Inventor :**
1)Kawaljit Singh

(57) Abstract :
The present invention relates to a method for assembling a portable track way system; said track way system comprising of a track consisting of four sides, Side 1; Side 2; Side 3; and Side 4; a joining pin; a grub screw; an anchoring nail; and a spool. Said method for assembling the track way system in length comprises the steps of: laying out two singular track parts in such a way that all the sides as numbered 4 are placed to the left and all the sides as numbered 3 are placed to the right; fitting of the crest shape comprising of 10 crests on side 1 (F1) in the trough shape comprising of 10 troughs on side 2 (F4); setting the crest shape comprising of 10 crests on side 2 (F3) with the trough shape comprising of 10 troughs on side 1 (F2); joining of the track parts as described in steps 2 and 3 by way of passing a pivot pin €P1€ • through the holes in F1 and F3 present in between the two track parts; preventing the ejection of said pivot pin from either side of the track parts by employing a grub screw at each end; and repeating steps i-v. Also the method for assembling the track way system in width comprises the steps of laying the track of the desired length in a manner that side 4 of the track part meets side 3 of the other track part; repeating the step 1 until desired width of track is obtained; setting a projection on side 3 (F6) in between a depression on side 4 (F7); joining the tracks by way of passing a pivot pin €P2€ • through the hole in between F6 and F7; and locking the pivot pin €P2€ • from inserting end by employing grub screw M6. Refer Figures 1-10.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201711001421 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INHIBITOR DECORATED PIGMENT BASED SMART ANTICORROSIVE COATING AND ITS PROCESS THEREOF

(51) International classification :C09C1/64
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :H.NO. ANUSANDHAN BHAWAN,2 RAFI MARG NEW DELHI-110001 INDIA Delhi India
(72)**Name of Inventor :**
1)SADAGOPAN SATHIYANARYANAN
2)SULTAN SYED AZIM
3)TAMILVANAN SIVA

(57) Abstract :
The development of corrosion protection systems for metallic substrates is an issue of prime importance for many industries. The present work shows a new contribution to the development of a new protective system with self-healing ability composed of epoxy coating incorporated with inhibitor decorated pigment (IDP) that release entrapped corrosion inhibitor in response to pH changes caused by corrosion process. Commercial pigment grade TiC>2 particles covered with a layer of inhibitor Cetyltrimethyl ammonium bromide (CTAB) and anionic polyelectrolyte (PSS) layers were homogenously introduced into the epoxy coatings. The corrosion resistant property of the newly developed smart coating has been evaluated by various short term laboratory tests and some accelerated corrosion studies such as complete immersion test, potential measurements, electrochemical impedance measurements.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201711001422 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MEMBRANE BASED PROCESS FOR SEPARATION AND PURIFICATION OF EDIBLE NATURAL DYES

(51) International classification :C09B61/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :H.NO. ANUSANDHAN BHAWAN,2 RAFI MARG NEW DELHI-110001 INDIA Delhi India
(72)**Name of Inventor :**
1)MODON MOHAN BORA
2)SOMIRON BORTHAKUR
3)SWAPNALI HAZARIKA
4)DANABOYINA RAMAIAH

(57) Abstract :
The present invention relates to a process for the separation and purification of two edible natural dyes from two different natural plant species. The present invention further relates to a process for separation and purification of amaranthine (Betanin) dye from Amaranthus tricolour plant species and cyanidin-3-glucoside (dye) from the fruit of Melastoma malbathricum. Both the amaranthine (Betanin) dye and cyanidin-3-glucoside dyes have good demand as natural food and cosmetic-colorants besides their use in pharmaceuticals.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017
(21) Application No.201711001428 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A METHOD FOR FABRICATING MICROLENS ARRAY OF SU-8 PHOTORESIST AND MICROLENS ARRAY THEREOF

(51) International classification :G02B27/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Address of Applicant :Dean, Research & Development, Room Number 151, Faculty Building, Post Office: IIT Kanpur Kanpur Uttar Pradesh India 208016 Uttar Pradesh India
(72)**Name of Inventor :**
1)SACHAN, Priyanka
2)KULKARNI, Manish
3)SHARMA, Ashutosh

(57) Abstract :
The present invention provides a fabrication method of a microlens array (MLA) of SU- 8 photoresist and the microlens array thereof. The method comprising the steps of: coating a substrate with thin films of SU-8 photoresist material; pre-baking said films for a time period of 1 to 6 minutes at a temperature of 95°C so as to provide a pre-baked films; post baking of the pre-baked films at a temperature of 95°C so to provide post-baked films; and thereby immersing the post-baked films into a dewetting solution for a time period of 10 minutes, to obtain controlled micro-droplets as the microlens array. The dewetting solution contains a liquid mixture of a part solvent and a majority of a part non-solvent. The microlens array so obtained includes a diameter in the size range of 500 nm to 3mm and controllable contact angle in the range of 30° to 90°.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201711001461 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MOBILE AND REMOTE LOCATOR

(51) International classification :G08B21/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMITY UNIVERSITY
Address of Applicant :AMITY UNIVERSITY CAMPUS,SECTOR-125, NOIDA UTTAR PRADESH-201313,INDIA Uttar Pradesh India
(72)**Name of Inventor :**
1)SINDHU HAK GUPTA
2)ASMITA RAJAWAT
3)PULKIT PANDEY
4)ARTHAV S PATIAL

(57) Abstract :
The present invention relates to a mobile and remote locator comprising a RFID based electronic circuit to help in locating remotes and mobile phones in switch off conditions. The locator is compact, portable and wall mounted oh which various push button switches are present. Each switch corresponds to a particular mobile or remote. In case one wants to track a switched off mobile phone or a remote within a particular range, he/she pushes the corresponding button. By pushing the corresponding button RF waves are transmitted, which in turn are sensed by a sensor which is mounted on the respective mobile. On detection of these wavessensor activates the buzzer on the mobile.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201711001462 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AFFORDABLE RAPID TESTER FOR NEAR VISION CORRECTION

(51) International classification :A61B3/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMITY UNIVERSITY
Address of Applicant :AMITY UNIVERSITY CAMPUS,SECTOR-125 NOIDA UTTAR PRADASH-201313 INDIA Uttar Pradesh India
(72)**Name of Inventor :**
1)MONICA CHAUDHRY
2)YASHIL HANDA

(57) Abstract :
Present invention provides a low cost eye check-up disk that is a portable device specially designed for rural areas and rapid screening where the prescription of the near glasses can be done in high volume in minimum time. It is made in such a way that ten lenses are arranged in a circular rack starting from +0.75 to +3.00 which can be rotated easily to test the near vision correction by just rotating the lenses in the rack.

No. of Pages : 8 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201711001499 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AUTOMATED POLYMER FORMING MACHINE.

(51) International classification :B62K11/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)pankaj kumar
Address of Applicant :vpo ahulana, gohana, sonepat Haryana India
2)neeraj kumar prajapati
(72)**Name of Inventor :**
1)neeraj kumar prajapati
2)pankaj kumar
3)chetan nahar

(57) Abstract :
Automated Polymers forming machine which forms the polymers in desired commanded shape, more specifically to acrylic polymer. This machine takes polymers strips as raw material. These strips are formed in desired shapes. The commands for the shape are given by application driver. As per desired shape the tool path commands and other data is provided to the machine. According to the command given, the machine selects the desired tool according to the requirement. The tool moves in desired 2D space. It changes the tool as per need and the process is continued until the job is done. This process requires the proper pre forming and post forming condition of the polymers. These conditions are maintained by the accessories system of the machine.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201711001540 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING GUIDANCE IN AN VIRTUAL ENVIRONMENT

(51) International classification :H04N5/232
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :416 Maetan-Dong, Yeongtong-GU, Suwon-SI, Gyeonggi-do 442-742, Republic of Korea Republic of Macedonia
(72)**Name of Inventor :**
1)KUMAR, Arun
2)KUMAR, Kapil
3)KUMAR, Barun

(57) Abstract :
The invention relates to a method and apparatus for providing guidance in an virtual environment. The apparatus comprises a path tracker, a view tracker, and a path/view analyser. The path tracker a path traversed by a user in a virtual environment is identified while the user is consuming interactive content through a head mounted display. The view tracker identifies one or more portions of the interactive content that have been played on the head mounted display. The path/view analyser analyses a) the identified path to determine missed and/or viewed sections of the virtual environment and/or (b) the identified one or more portions to determine missed and/or viewed portions of the interactive content.

No. of Pages : 47 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2017

(21) Application No.201711001597 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS FOR UPGRADATION OF HEAVY CRUDE OIL/RESIDUE USING WASTE PLASTIC AS HYDROGEN DONATING AGENT

(51) International classification :C09D179/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :H.NO. ANUSANDHAN BHAWAN,2 RAFI MARG NEW DELHI-110001 INDIA Delhi India
(72)**Name of Inventor :**
1)KIRITIKA KOHIL
2)RAVINDRA PRAJAPATI
3)SAMIR KUMAR MAITY
4)MADHUKAR ONKARNATH GARG

(57) Abstract :
Waste plastics are mixed with heavy crude and vacuum residues at temperature within the range from 180-220°C and the resulting mixture are hydroprocessed to produce lighter products. The hydrodemetallization, asphaltene conversion and hydrocracking activities of the resulting mixture have been tested in an autoclave batch reactor. This process provides a very cheap material and method to upgrade problematic feeds to produce transportation fuels.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2017

(21) Application No.201711001598 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF BIO-LUBRICANTS USING HETEROGENEOUS CATALYST

(51) International classification :C07C67/03
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :H.NO. ANUSANDHAN BHAWAN,2 RAFI MARG NEW DELHI-110001 INDIA Delhi India
(72)**Name of Inventor :**
1)SANJAY PANDURANG KAMBLE
2)AKASH BHIMRAO SHIRSATH

(57) Abstract :
The present invention discloses an environment friendly, cost effective process for the synthesis of bio-lubricants with very low acid value by direct esterification of polyol with carboxylic acid using heterogeneous catalyst in reactive distillation mode of operation.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2017
(21) Application No.201711001610 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND DEVICE FOR OBTAINING REAL TIME STATUS AND CONTROLLING OF TRANSMITTING DEVICES

(51) International classification :G06F1/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :416 Maetan-Dong, Yeongtong-GU, Suwon-SI, Gyeonggi-do 442-742, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)SARANGDHAR, Aniket Mohan
2)KUMAR, Arun

(57) Abstract :
The present invention relates to methods and devices for obtaining real time status and controlling of transmitting devices via virtual reality (VR) or a digital representation of a real world environment. In accordance with one embodiment, a digital representation of a real world environment is obtained (1501). The real world environment including at least one transmitting device. The at least one transmitting device is identified (1502) from the digital representation. At least one of status information and location information of said at least one transmitting device is obtained (1504). A modified digital representation of the real world environment including a graphical representation of said at least one transmitting device in conjunction with the at least one of status information and location information is created (1503).

No. of Pages : 100 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201711001735 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND SYSTEM FOR INSTANT TICKETING AND FEE MANAGEMENT OF PARKING

(51) International classification :B60Q1/48
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PARK BUZZ PRIVATE LIMITED
Address of Applicant :323, NEELKANTH APARTMENTS, SECTOR-13, ROHINI, DELHI-110085, INDIA Delhi India
(72)**Name of Inventor :**
1)GOEL SOURABH
2)HIRAN CHIRAG

(57) Abstract :
Disclosed is a method and system for facilitating ticketing and payment of parking fee in a vehicle parking system using a mobile device. The method comprising: a. receiving a user selection of a parking option by a first mobile device; obtaining a verification response from the said mobile device, the verification response comprises a vehicle registration number or the like; transmitting the verification response to facilitate the confirmation of ticketing of parking slot; generating a code; commencing the start of parking period by scanning the generated said code and connecting the said mobile device to said parking system; estimating the parking period by re-scanning the said code; and transmitting the payment amount to the mobile device based on the estimated parking period.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201711001772 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS OF PREPARATION OF NATURALLY COLORED SPECIALITY BISCUITS AND OTHER BAKERY PRODUCTS USING ANTHOCYANIN RICH INDIAN WHEAT LINES AS INGREDIENT(S)

(51) International classification :A61K36/074
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DR T R SHARMA
Address of Applicant :NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE (NABI), Knowledge city, Sector 81, MOHALI, INDIA Punjab India
(72)**Name of Inventor :**
1)DR MONIKA GARG
2)SALONI SHARMA

(57) Abstract :
The object of this invention is to incorporate trait of anthocyanin enrichment and their associated color in cultivated and consumed varieties of Indian wheat through the trials of plant breeding and follow for several generations of selfing to stabilize the anthocyanin richness trait in the new genetic background and evaluation of its qualities with respect to color composition, antioxidant etc. followed by use in making relevant bakery products like biscuits, bread etc. without the need for adding exogenous coloring additives thereby providing a green product.

No. of Pages : 7 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201711001838 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MOLTEN STEEL HEATING DEVICE AND HEATING METHOD

(51) International classification :C22B5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD.
Address of Applicant :5-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8604, Japan Japan
(72)**Name of Inventor :**
1)MAEGAWA, Hiroki
2)MIURA, Yasuaki

(57) Abstract :
A molten steel heating device includes: a heating chamber which forms a heating space for molten steel stored in a tundish; a blowing portion which supplies an inert gas to the heating chamber; and a plasma torch which extends toward a surface of the molten steel in the heating chamber and generates a plasma arc between the plasma torch and the surface, in which the blowing portion blows the inert gas in an obliquely downward direction toward the surface of the molten steel.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201711001857 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A LUBRICATING GREASE COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification :C10N10/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)M/s Siddharth Grease & Lubes Pvt. Ltd.
Address of Applicant :Plot No. 13, Sector-3, IMT Manesar, Haryana 122050, India Haryana India
(72)**Name of Inventor :**
1)Dr. Priyaranjan
2)NAGAR, Mr. S.C.
3)SAYANNA, Dr. E
4)SACHDEVA, Mr. Sudhir

(57) Abstract :
The present invention provides a lubricating grease composition comprising from 75-90% by weight of a base oil, from 7-15% by weight of a combination of fats and fatty acids, from 1-2.2% by weight of a chemical compound selected from a group consisting of alkali hydroxide and alkaline hydroxide, from 1-10% by weight of complexing agents, from 0.5-5% by weight of acid slurry and from 0.5-10% by weight of ester additives. A process (100) for preparing the lubricating grease composition is also provided.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201711001870 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ADVANCED REGIONAL INTELLIGENCE FACILITY (ARIF)

(51) International classification	:H04M3/42144	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Yusuf Kamal**
(32) Priority Date	:NA	Address of Applicant :140, Qaziara, Sitapur, 261001, Uttar Pradesh, India Uttar Pradesh India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)Yusuf Kamal**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The invention relates generally to intelligent systems and relates more specifically to intelligent systems which has the ability to understand the need of the user and accordingly provides automated suggestions to the user based on the user input, profile, nature, personality etc.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201711001872 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MICROWAVE PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION SYSTEM

(51) International classification	:C23C16/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Prakash Narain Dixit
Address of Applicant :E-22, Balaji CGHS Ltd. Plot No 7 , Sector 3 , Dwarka New Delhi 110078 India Delhi India
2)Sanjeev Kumar Dixit
3)Hasamukhbhai S. Vaviya
4)Naresh Sambhubhai Vaviya
(72)**Name of Inventor :**
1)Prakash Narain Dixit
2)Sanjeev Kumar Dixit
3)Hasamukhbhai S. Vaviya
4)Naresh Sambhubhai Vaviya

(57) Abstract :
A reactor for synthesizing a diamond at a high growth-rate is disclosed. The reactor includes a magnetron for generating microwaves; a gas shower coupled with the magnetron for heating reaction gases with the microwaves at a plasma temperature; an applicator for transferring the microwaves to the gas shower; and a plasma chamber connected with the gas shower, the plasma chamber produces a plasma ball in the presence of the heated reaction gases and facilitates synthesis of the diamond by initiating a reaction between the plasma ball and a diamond substrate resulting in deposition of a diamond film on the diamond substrate.

No. of Pages : 5 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201711001873 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROCESS FOR CHANGING COLORED DIAMOND INTO A COLORLESS/FANCY COLOR DIAMOND BY ANNEALING USING MICROWAVE PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION SYSTEM

(51) International classification :C23C16/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Prakash Narain Dixit
Address of Applicant :E-22, Balaji CGHS Ltd. Plot No 7 , Sector 3 , Dwarka New Delhi 110078 India Delhi India
2)Sanjeev Kumar Dixit
3)Hasamukhbhai S. Vaviya
4)Naresh Sambhubhai Vaviya
(72)**Name of Inventor :**
1)Prakash Narain Dixit
2)Sanjeev Kumar Dixit
3)Hasamukhbhai S. Vaviya
4)Naresh Sambhubhai Vaviya

(57) Abstract :
The present disclosure relates to changing lab grown brown diamond or mines brown or yellow color diamond into colorless diamond or gem quality diamond by annealing using microwave plasma enhanced chemical vapor deposition (MPECVD) system.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017
(21) Application No.201711001887 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING IMAGE SETS IN TECHNICAL DOCUMENTS TO EXTRACT INTELLIGENCE.

(51) International classification :H04M3/42144
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TT CONSULTANTS LLC
Address of Applicant :1701 Pennsylvania Avenue NW, Suite 300, Washington DC, 20006 U.S.A.
(72)**Name of Inventor :**
1)KOHLI, Sandeep Singh
2)Talwar, Jitin

(57) Abstract :
Technologies are generally described for a system to extract description of reference numerals in images and facilitate keyword-based search in images. In various examples, the system may include one or more databases, a computer readable memory, and one or more processors. The system may be configured to extract one or more reference numerals from an image, and identify and extract corresponding description of the one or more reference numerals from a description document corresponding to the image. The system may be further configured to extract text from the images, and store the images in a database with the extracted data, i.e., text, reference numerals, and corresponding descriptions. The system may be further configured to receive an input query intending to search images related to a search logic of the input query, search a database to identify an image including either of text or a reference numeral having a corresponding description that corresponds to the search logic of the input query, and render the identified image via a display device executing the output interface.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201711001902 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AN INTEGRATED TOOL FOR MULTIPLE CONTENT

(51) International classification :H04M3/42144
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GOEL, Gaurav
Address of Applicant :Oak Drive Sultanpur Mehrauli, New Delhi 110030 India Delhi India
(72)**Name of Inventor :**
1)GOEL, Gaurav

(57) Abstract :
The invention provides an improved system and method for handling contents of multiple formats comprising an input unit which is configured to receive information from the user, a collection unit having plurality of files in multiple format and an executable unit configured to establish a link with the contents of the collection unit and playing the contents of a playlist in a user preferred seamless sequence. This invention provides for an improved system and method aimed at managing, handling and sharing contents of multiple formats present in the user€™s computing device in a single and less space consuming platform seamlessly. Reference Figure 4

No. of Pages : 55 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201711001977 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS FOR FIBER EXTRACTION FROM PINE NEEDLES (PERUL)

(51) International classification :A23L33/21
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Northern India Textile Research Association
Address of Applicant :Sector-23, Raj Nagar, Ghaziabad, Uttar Pradesh-201 002, India. Uttar Pradesh India
2)Ethnic Attire India Pvt. Ltd.
(72)**Name of Inventor :**
1)Shweta Chauhan
2)Arindam Basu
3)Ajay Tamta

(57) Abstract :
This invention relates to a process for extraction of textile fibers from pine needles comprises steps of:- - conditioning of pine fibers, - treatment of conditioned pine fibers with Alkali, - treatment with metallic salt, - decorortication of metallic salt treated pine fibers, - bleaching and drying.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201711001981 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SEAT COVER HAVING A STRETCHABLE BAND/FABRIC ASSEMBLY FOR FIXING THE SEAT COVER TO SEAT PAD

(51) International classification :A47C31/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MARUTI SUZUKI INDIA LIMITED
Address of Applicant :1 Nelson Mandela Road Vasant Kunj, New Delhi, Delhi, India-110070 Delhi India
(72)**Name of Inventor :**
1)PRAVEEN KUMAR GUPTA
2)PANKAJ MAHESHWARI

(57) Abstract :
The present subject matter disclose a seat cover (300) having a fastening assembly for attaching the seat cover (300) to seat pad. The present seat cover (300) has a plurality of stretchable band/fabric fasteners (302). Each of the plurality of stretchable band/fabric fasteners (302) has circular holes at both ends to attach the seat cover (300) with the seat pad. Each circular hole (303) has a metal eyelet which surrounds the circular hole to avoid tearing of stretchable band/fabric with the pressure of c- ring. The seat cover (300) is attached with the seat pad through c- rings. The eyelet fitted circular holes of the stretchable band/fabric fasteners (302) receives the c-ring from one side and from the other side c- ring passes through the pad wire of the seat pad. The seat cover (300) fits into the trenches of the seat pad using the stretchable band/fabric fastener (302).

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201711002020 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING UNSAFE USAGE OF PHONE WHILE WALKING THAT TRIGGER SITUATION-DEPENDENT DEVICE CUSTOMISATIONS

(51) International classification :A61B5/11
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Samsung Electronics Co., Ltd.
Address of Applicant :416 Maetan-Dong, Yeongtong-GU, Suwon-SI, Gyeonggi-do 442-742, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)SINHA, Ritesh
2)TIWARI, Vipin
3)SAHU, Santosh Pallav
4)KUMAR, Manoj
5)ARIF, Tasleem
6)BHARDWAJ, Anupam
7)KUMAR, Manish
8)KUMAR, Vivek
9)SINGH, Kumar Anurag
10)SINGH, Amitoj
11)ARYA, Varad
12)PRABHAKAR, Arun
13)JANARDHANAN, Govind
14)GHOSH, Ishani
15)PAWWAR, Pooja
16)SACHDEV, Ekta Anil Pradeep
17)JAISWAL, Ridhima

(57) Abstract :
The present subject matter describes a method and a system (200) for providing alerts at a computing device. The method as executed by the system (200) comprises determining usage of the computing device at least through a user-interaction thereon. During said determining, it is ascertained if the user is exhibiting a foot-movement through taking steps. In response to said ascertainment and determination, an overlay of a predetermined-size is displayed for a predetermined amount of time to cause an alert. The size of said displayed overlay is incremented linearly with time, based on persistence of said usage and said exhibition of foot-movement beyond an extended time duration.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201711002028 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A CELL-PENETRATING PEPTIDE SEQUENCE

(51) International classification :A61K38/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
Address of Applicant :Hauz Khas, New Delhi 110016 Delhi India
(72)**Name of Inventor :**
1)CHUGH, Archana
2)PONNAPPAN, Nisha
3)BUDAGAVI, Deepthi Poornima

(57) Abstract :
The present invention relates to a cell penetrating peptide sequence: XWRRKLKXLXPXKKXKV wherein X is selected from amino acid R,K or A derived from spider toxin, Latarcin 1 and SV40 Simian virus T-antigen . Further the present invention also relates to method for cellular delivery, comprising the steps of complexation of a cell-penetrating peptide sequence comprising latarcin-derived peptide and nuclear localization sequence with the peptide sequence: KWRRKLKKLRPKKKRKV having SEQ ID NO 1 or AWRRKLKALAPAKKAKV having SEQ ID NO: 4 with a cargo molecule to obtain a complex and thereafter administering the complex to a targeted mammalian or plant cell or tissue.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2017

(21) Application No.201714046561 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SEEING THROUGH MUCUS IN AN ENT PROCEDURE

(51) International classification :A61B17/04
(31) Priority Document No :15/407,060
(32) Priority Date :16/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIOSENSE WEBSTER (ISRAEL) LTD.
Address of Applicant :4 Hatnufah Street, Yokneam Israel
(72)**Name of Inventor :**
1)ALTMANN, Andres Claudio
2)GLINER, Vadim
3)MAYER, Ram Bernard

(57) Abstract :
A method for radiographic imaging of a body cavity includes imaging the body cavity using computerized tomography (CT) to form a CT image, registering a tracking system with the CT image, inserting into the body cavity a guidewire, including a position sensor, operating in the tracking system, attached to a distal end of the guidewire, in response to signals from the position sensor acquired by the tracking system, displaying a position of the distal end of the guidewire on the CT image. The method further includes assigning voxels within a predefined imaging volume relative to the distal end and having a radiodensity less than a predetermined threshold to have a uniform radiodensity of a predefined default value, incorporating the voxels with the assigned predefined default value into the CT image so as to form an updated CT image, and displaying the updated CT image.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2017

(21) Application No.201714046920 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : VAPOR RECOVERY DEVICE

(51) International classification :B01D1/00
(31) Priority Document No :2017-7338
(32) Priority Date :19/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATSUNO CORPORATION
Address of Applicant :2-6, MITA 3-CHOME, MINATO-KU TOKYO 108-0073 JAPAN Japan
(72)**Name of Inventor :**
1)SEKIYA Katsuhiko
2)FUSE Takayuki

(57) Abstract :
To provide a vapor recovery device capable of reducing facility cost and making effective use of a site by reducing area for mounting the vapor recovery device. A vapor recovery device 1 including a vapor recovery mechanism for recovering both of a fuel oil vapor VI generated in an underground tank 2 when unloading of fuel oil G is performed and a fuel oil vapor V2 extruded from an in-vehicle tank by fuel oil fed from a fueling mechanism of a fueling device 4. In the vapor recovery device 1 can be mounted a vent pipe 3 inserted into the underground tank 2, a vapor returning pipe 4h in which the fuel oil vapor V2 flows, a connection pipe 22 for communicating the vent pipe 3 and the vapor returning pipe 4h with each other, and a vapor suction pipe 31 communicated with the connection pipe 22, the vapor suction pipe suctioning the fuel oil vapors VI, V2. Or, in the vapor recovery device 1 can be mounted a vent pipe 3, a plurality of vapor returning pipes 4h, temporary reservoir portions 21 connected to the vapor returning pipes in a one-to-one relationship, a connection pipe 22 for communicating the vent pipe 3 and the temporary reservoir portions 21 with each other, and a vapor suction pipe 31 communicating with the connection pipe 22 also.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2017

(21) Application No.201714047089 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : VEHICULAR AIR-CONDITIONING APPARATUS PROVIDED WITH ADSORPTION HEAT PUMP

(51) International classification	:F01K15/00
(31) Priority Document No	:2017-005450
(32) Priority Date	:16/01/2017
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan Japan
(72)**Name of Inventor :**
1)Masakatsu TSUBOUCHI

(57) Abstract :
A vehicular air-conditioning apparatus (10) includes an adsorption heat pump (20) including a plurality of containers (22, 24) provided with an adsorption-desorption device (22A, 24A) and an evaporation-condensation device (22B, 24B), a circulation path configured to circulate a coolant between an internal combustion engine (80) and the adsorption-desorption device (22A, 24A) of the container (22, 24) that performs a desorption process, a heat supply device (82) that is disposed in the circulation path to heat the coolant that circulates through the circulation path, and a control device (30) configured to control a flow rate of the coolant in the circulation path such that a flow rate of the coolant, which flows into the adsorption-desorption device (22A, 24A) of the container (22, 24) that performs a desorption process, is reduced to be below a predetermined flow rate when a temperature of the coolant in the circulation path on a downstream side of the heat supply device (82) is lower than a predetermined value.

No. of Pages : 50 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/12/2017

(21) Application No.201714047138 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTERNAL COMBUSTION ENGINE SYSTEM AND CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01K15/00
(31) Priority Document No :2017-006115
(32) Priority Date :17/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan Japan
(72)**Name of Inventor :**
1)HOTTA, Shintaro
2)KATO, Akira
3)MITANI, Shinichi

(57) Abstract :
An electronic control unit (50) is configured to select a first cam as a driving cam of an intake valve in a first operation range where a target value of an EGR rate is set to a specified EGR rate, and is configured to select a second cam as the driving cam in a second operation range smaller in valve duration and lift amount than the first cam. Accordingly, in most of the operation regions, the first cam is selected, and the second cam is selected only in a high-torque and high-speed region. When the second cam is selected in the high-torque and high-speed region, the state where an actual compression ratio is high can be eliminated, and suction efficiency can be decreased. Therefore, decrease in a knocking limit can be suppressed

No. of Pages : 43 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2017

(21) Application No.201714032293 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : IMAGE CAPTURING LENS ASSEMBLY, IMAGING APPARATUS AND ELECTRONIC DEVICE

(51) International classification	:G02B3/02
(31) Priority Document No	:106101652
(32) Priority Date	:18/01/2017
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LARGAN PRECISION CO., LTD.
Address of Applicant :No .11, Jingke Rd., Nantun District, Taichung City 408, Taiwan (R.O.C.) Taiwan
(72)**Name of Inventor :**
1)CHUN-CHE HSUEH
2)WEI-YU CHEN

(57) Abstract :
A image capturing lens assembly includes six lens elements, the six lens elements being, in order from an object side to an image side: a first lens element with positive refractive power having an object-side surface being convex thereof; a second lens element having negative refract ive power; a third lens element; a fourth lens element; a fifth lens element with positive refractive power having an object-side surface being convex and an image-side surfa ce being convex thereof; and a sixth lens element having an image-side surface being concave in a paraxial region thereof, the image-side surface having at least one conv ex critical point in an off-axial region thereof, and an object-side surface and the image-side surface being aspheric.

No. of Pages : 77 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2017

(21) Application No.201714033009 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SYSTEM AND METHOD FOR DETECTING SEPARATION OR DERAILMENT OF VEHICLES OF A TRAIN

(51) International classification	:B60R16/04
(31) Priority Document No	:2017/00355
(32) Priority Date	:17/01/2017
(33) Name of priority country	:South Africa
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BERNARD, Hermanus Adriaan
Address of Applicant :534 Peacehaven Road, Rietvalleirand, PRETORIA, 0181, Gauteng Province, South Africa South Africa
(72)**Name of Inventor :**
1)BERNARD, Hermanus Adriaan

(57) Abstract :
An SBU (Sense and Brake Unit) (200), for a train (10) having a brake line (16), includes a pneumatic port for coupling to the brake line (16) of the train (10), 5), a pressure sensor (204) configured to sense a pneumatic pressure in the coupled brake line (16), a wireless transmitter (208), and a GPS (Global Positioning System) module (206) operable to determine GPS coordinates of the SBU (200). The SBU (200) also has a controller (202) which includes stored thereon at least one pressure threshold, namely a separation threshold, the controller (202) configured to transmit, via the wireless transmitter (208), a separation warning signal in response to sensing by the pressure sensor (204) that the pneumatic pressure in the brake line (16) is below the separation threshold, the separation warning signal including the GPS coordinates of the SBU (200).

No. of Pages : 22 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/01/2018

(21) Application No.201814000572 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HERMETIC SEAL FOR FOIL-LINED FIBC (BULK BAG)

(51) International classification :B65D88/1631
(31) Priority Document No :62447129
(32) Priority Date :17/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Lincoln Global, Inc.
Address of Applicant :9160 Norwalk Boulevard, Santa Fe Springs, CA 90670, United States of America U.S.A.
(72)**Name of Inventor :**
1)Paul A. Weissbrod

(57) Abstract :
The invention described herein generally pertains to a system and method related to a hermetic seal assembly used with a bag to provide a hermetic seal for the bag that can be opened and closed while maintaining the hermetic seal for the bag and materials stored therein. The hermetic seal assembly can include a lid and a collar, wherein the collar can be releasably affixed to the bag or integrated into an opening of the bag.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/01/2018

(21) Application No.201814000640 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : WATER PURIFIER AND HOT WATER TANK FOR WATER PURIFIER

(51) International classification :F01K15/00
(31) Priority Document No :10-2017-0006932
(32) Priority Date :16/01/2017
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)Yonghyun KIM

(57) Abstract :
The present invention provides a hot water tank for a water purifier, the hot water tank including: a tank cover made of resin and having a water inlet port for receiving water and a water outlet port for discharging water; a tank base made of resin and forming a hot water space by being combined with the tank cover; and a heat generation plate disposed on the tank base to form a portion of the hot water space and made of metal in a plate shape, in which the heat generation plate is spaced a predetermined distance from a working coil, which generates magnetic force when current is supplied, and heats water in the hot water space by generating heat when the working coil is operated.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2018

(21) Application No.201814001287 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELECTRONIC APPARATUS AND CONTROL METHOD THEREOF

(51) International classification	:G06F1/1694
(31) Priority Document No	:10-2017-0008030
(32) Priority Date	:17/01/2017
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)KIM, Mun Seok

(57) Abstract :
An electronic apparatus and a method for managing a channel list is provided. The electronic apparatus may include: a receiver, a communicator, an input interface, and a controller. The receiver may be configured to receive a first broadcast signal. The communicator may be configured to receive a second broadcast signal through a network. The input interface may be configured to receive a user input. The controller may be configured to perform a channel scan for the first broadcast signal, generate a channel list including a first channel of the first broadcast signal, insert a second channel of the second broadcast signal in the channel list in response to determining that the second channel of the second broadcast signal exists based on information embedded in the first broadcast signal, and provide content corresponding to a channel selected from the channel list in response to the user input.

No. of Pages : 72 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2018

(21) Application No.201814001301 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTRAOCULAR LENS INJECTOR

(51) International classification :B29C59/16
(31) Priority Document No :62/446194
(32) Priority Date :13/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Novartis AG
Address of Applicant :Lichtstrasse 35, CH-4056 Basel, Switzerland Switzerland
(72)**Name of Inventor :**
1)Yinghui Wu
2)Kyle Brown
3)Tu Cam Tran
4)Stephen J. Van Noy

(57) Abstract :
Apparatuses, systems, and methods for implanting an intraocular lens into an eye are described. For example, an intraocular lens injector may include a passage formed in a distal end of the intraocular lens injector. The passage may define an interior surface, and a ramp may be formed on the interior surface so as to cause a leading haptic of an intraocular lens (IOL) being advanced through the passage to lift above a surface of an optic of the IOL to ensure proper folding of the IOL.

No. of Pages : 57 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2018

(21) Application No.201814001303 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTRAOCULAR LENS INJECTOR

(51) International classification :B29C59/16
(31) Priority Document No :62/446194
(32) Priority Date :13/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Novartis AG
Address of Applicant :Lichtstrasse 35, CH-4056 Basel, Switzerland Switzerland
(72)**Name of Inventor :**
1)Yinghui Wu
2)Kyle Brown
3)Tu Cam Tran
4)Douglas Brent Wensrich
5)Todd Taber
6)Jyoti Bhatia

(57) Abstract :
Apparatuses, systems, and methods for implanting an intraocular lens into an eye are described. For example, an intraocular lens injector may include a passage formed in a distal end of the intraocular lens injector. The passage may define an interior surface, and one or more rails may be formed on the interior surface so as to displace an optic of an intraocular lens (IOL) being advanced through the passage towards a portion of the interior surface disposed opposite the one or more rails.

No. of Pages : 65 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2018

(21) Application No.201814001333 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AUTOMATED TELLER MACHINE

(51) International classification :F01K15/00
(31) Priority Document No :10201700352W
(32) Priority Date :16/01/2017
(33) Name of priority country :Singapore
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Mastercard International Incorporated
Address of Applicant :2000 Purchase Street, Purchase, 10577 NY, United States of America U.S.A.
(72)**Name of Inventor :**
1)SHINDE, Rupesh Rajendra

(57) Abstract :
According to a first aspect, there is provided an automated teller machine (ATM) comprising: a modem module comprising a plurality of ports that are concurrently connected to a remote central processor module of an ATM network; and an ATM processor module comprising a plurality of network interface cards, wherein each network interface card is connected to a unique one of the plurality of ports such that multiple concurrent ATM transaction commands can be routed between the ATM processor module and the remote central processor module.

No. of Pages : 23 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/01/2018

(21) Application No.201814001337 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01K15/00
(31) Priority Document No :2017-007877
(32) Priority Date :19/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan Japan
(72)**Name of Inventor :**
1)NAKAMURA, Toshihiro

(57) Abstract :
A control device (70) for an internal combustion engine (1) including a fuel injection valve (31) and an actuator includes an electronic control unit (71). The fuel injection valve (31) directly injects fuel into a combustion chamber (15). The actuator is configured to change the oxygen concentration in intake gas supplied to the combustion chamber (15) of the internal combustion engine (1). The electronic control unit (71) is configured to control fuel injection from the fuel injection valve (31) and the actuator.

No. of Pages : 62 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/01/2018

(21) Application No.201814001372 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND APPARATUS FOR TIMING RELATIONSHIP BETWEEN CONTROL CHANNEL AND DATA CHANNEL IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W76/15
(31) Priority Document No :62/446,002
(32) Priority Date :13/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASUSTeK COMPUTER INC.
Address of Applicant :No.15, Lite Rd., Peitou Dist., Taipei City 112, Taiwan (R.O.C.) Taiwan
(72)**Name of Inventor :**
1)Lin, Ko-Chiang

(57) Abstract :
A method and apparatus are disclosed from the perspective of a User Equipment (UE). In one embodiment, the method includes the UE receiving a first control information which schedules a transmission of a first data transmission with data transmission period of a first time interval. The method also includes the UE receiving a second control information which schedules a transmission of a second data transmission with data transmission period of a second time interval, wherein the first data transmission and the second data transmission does not overlap in time domain. The method further includes the UE performing a processing to the first data transmission according to the first control information, and the UE does not perform the processing to the second data transmission according to the second control information.

No. of Pages : 99 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/01/2018

(21) Application No.201814001529 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HYBRID VEHICLE

(51) International classification :F01K15/00
(31) Priority Document No :2017-005835
(32) Priority Date :17/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan Japan
(72)**Name of Inventor :**
1)SEKIGUCHI, Tadashi
2)ITOU, Yoshio
3)YANAGIDA, Tomoaki
4)OSADA, Tomoe
5)ASAOKA, Hironori

(57) Abstract :
A hybrid vehicle (1) includes: an engine (2) including an output shaft (2a) configured to output a power; a damper (3) placed on a first axis that is the same axis as the output shaft (2a); a rotating machine (4) placed on the first axis; a torque converter (5) placed on the first axis; a transmission mechanism (7) placed so that an input shaft of the transmission mechanism (7) is positioned on a second axis that is an axis different from the first axis; a case (11) in which the rotating machine (4) and the transmission mechanism (7) are accommodated; driving wheels (9) attached to drive shafts (91); and an oil (30) accumulated in a lower part of a space (20) surrounded by the case (11) and used for lubrication of the transmission mechanism (7), the oil (30) being in contact with a part of the rotating machine (4).

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2018

(21) Application No.201814001662 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS AND METHOD FOR STACKING BANKNOTES, AND SYSTEM FOR PACKAGING BANKNOTES

(51) International classification	:B65B27/08
(31) Priority Document No	:2017-005707
(32) Priority Date	:17/01/2017
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Kabushiki Kaisha Toshiba
Address of Applicant :1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan Japan
2)Toshiba Infrastructure Systems & Solutions Corporation
(72)**Name of Inventor :**
1)Ayaka NAKANISHI

(57) Abstract :
According to one embodiment, a banknote stacking apparatus includes a first weight measurement part, a second weight measurement part, and a controller. The first weight measurement part measures a weight of a first banknote bundle. Banknotes laminated along a thickness direction of the banknotes are bundled as the first banknote bundle. The second weight measurement part measures a weight of a second banknote bundle. A first predetermined number of first banknote bundles laminated are bundled as the second banknote bundle. The controller compares the weight measured by the first weight measurement part with the weight measured by the second weight measurement part, and decides whether the number of first banknote bundles bundled as the second banknote bundle is smaller than the first predetermined number, based on a comparison result of the weight.

No. of Pages : 43 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2018

(21) Application No.201814001722 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD, DEVICE, USER TERMINAL AND ELECTRONIC DEVICE FOR SHARING ONLINE IMAGE

(51) International classification :G02B6/02047
(31) Priority Document No :201710029397.0
(32) Priority Date :16/01/2017
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Guangzhou UCWEB Computer Technology Co., Ltd.
Address of Applicant :F/16 Tower B GRG Square, 163 West Huangpu Dadao, Ping Yun Rd., Tianhe Dist., Guangdong, Guangzhou 510627, CHINA China
(72)**Name of Inventor :**
1)XIAO, MEI SHUN

(57) Abstract :
The present invention discloses a method, a device, a user terminal and an electronic device for sharing an online image. The method includes: in response to a users request for sharing an online image, obtaining a local resource of the online image to be shared; generating a sharing setting interface for the user to set editing the image and then sharing the online image, or directly sharing the online image. According to the present invention, a user is allowed to directly edit an online image and then share it with other users without the need of certain cumbersome operations, so as to enhance the user experience.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2018

(21) Application No.201814001756 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEMS AND METHODS TO ENCODE MOBILE DEVICE TESTING RESULTS IN MACHINE-READABLE SYMBOLS DISPLAYABLE BY A MOBILE DEVICE

(51) International classification :G06F9/4893
(31) Priority Document No :62/447,280
(32) Priority Date :17/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOBILE EXPERIENCE, INC.
Address of Applicant :300 Airport Way, Suite 201, Renton, Washington 98057, United States of America U.S.A.
(72)**Name of Inventor :**
1)REED, David K.
2)KNASIAK, Mark
3)DOLLINGER, Nicholas
4)BROWN, Philip E.

(57) Abstract :
A system and method to perform one or more tests related to the service quality and performance capabilities provided by a network, and to display and collect the test results. The tests may be initiated by a mobile device that may transmit testing requests to a network server. The mobile device may also store various information or data related to the testing request. The server collects various data in response to the test request that is used to generate a machine-readable symbol that may be visually rendered on a display of the mobile device. A test and measurement system may be used to capture and decode the machine-readable symbol. The test and measurement system may store the decoded information in one or more servers.

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2017

(21) Application No.201714020270 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CHAIN DRIVE MECHANISM

(51) International classification :B60Q1/14
(31) Priority Document No :106101213
(32) Priority Date :13/01/2017
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANJET INTERNATIONAL CO. LTD.
Address of Applicant :No. 288-1, Desheng Rd., Daya Dist., Taichung City 428, Taiwan, R.O.C. Taiwan
(72)**Name of Inventor :**
1)CHANG, CHING- SAN

(57) Abstract :
A chain drive mechanism includes an upper track, a lower track, and a plurality of moving units sequentially connected with each other to constitute a chain, wherein the chain is movable along the upper track and the lower track. Each of the moving units is properly supported, and provides a stable movement by using three guiding members in conjunction with three guiding grooves. An adapter is detachably provided on each of the moving units,wherein the adapters can be engaged with sockets or holders of different types, so as to carry tools which are arranged horizontally or vertically. Whereby, the chain drive mechanism offers a wide range of applicability.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011406 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPRESSIBLE ADJUNCT WITH INTERMEDIATE SUPPORTING STRUCTURES

(51) International classification :A61B17/072,A61B17/00
(31) Priority Document No :14/871057
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052793
Filing Date :21/09/2016
(87) International Publication No :WO 2017/058597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)VENDELY Michael J.
2)SHELTON IV Frederick E.
3)HARRIS Jason L.
4)GOLDREIN Howell T.
5)MOIR Robert S.
6)CONSONNI Sofia Maria
7)AKRAM Ismail
8)EASTER Ashley D.
9)LATHAM Helen S.

(57) Abstract :
A compressible adjunct for use with a surgical instrument including a staple cartridge includes a first biocompatible layer a second biocompatible layer spaced apart from the first biocompatible layer and a plurality of supporting pillars extending between the first biocompatible layer and the second biocompatible layer.

No. of Pages : 84 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011407 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPRESSIBLE ADJUNCTS WITH BONDING NODES

(51) International classification :A61B17/072
(31) Priority Document No :14/871107
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052825
Filing Date :21/09/2016
(87) International Publication No :WO 2017/058605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo PUERTO RICO 00969 U.S.A.
(72)**Name of Inventor :**
1)HARRIS Jason L.
2)SHELTON IV Frederick E.
3)VENDELY Michael J.

(57) Abstract :
A staple cartridge assembly is used with a surgical stapler. The staple cartridge assembly includes a staple cartridge including a cartridge body a cartridge deck and a plurality of staples deployable from the cartridge body through the cartridge deck. The staple cartridge assembly includes a compressible adjunct positionable against the cartridge deck. The compressible adjunct includes a plurality of unaltered fibers and a plurality of altered fibers that are melted and resolidified. The unaltered fibers include a first fiber including a first fiber portion and a second fiber including a second fiber portion extending over the first fiber portion. The compressible adjunct further includes a node which comprises the first fiber portion the second fiber portion and at least a portion of the plurality of altered fibers wherein the at least a portion of the plurality of altered fibers affixes the first fiber portion and the second fiber portion.

No. of Pages : 81 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011409 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CIRCUIT TOPOLOGIES FOR COMBINED GENERATOR

(51) International classification :A61B18/12,A61B18/14,A61B17/29
(31) Priority Document No :62/235368
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052979
Filing Date :22/09/2016
(87) International Publication No :WO 2017/058617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)WIENER Eitan T.
2)YATES David C.
3)HEIN John E.

(57) Abstract :
Provided is an apparatus system and method for managing radio frequency (RF) and ultrasonic signals output by a generator that includes a surgical instrument comprising an RF energy output and an ultrasonic energy output and a circuit configured to receive a combined RF and ultrasonic signal from the generator where the circuit may be configured to filter frequency content of the combined signal and is configured to provide a first filtered signal to the RF energy output and a second filtered signal to the ultrasonic energy output or the circuit may be configured to switch between outputs of the surgical instrument.

No. of Pages : 83 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011410 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CIRCUITS FOR SUPPLYING ISOLATED DIRECT CURRENT (DC) VOLTAGE TO SURGICAL INSTRUMENTS

(51) International classification :A61B17/32,A61B18/14
(31) Priority Document No :62/235368
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052981
Filing Date :22/09/2016
(87) International Publication No :WO 2017/058618
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)WIENER Eitan T.
2)YATES David C.
3)HEIN John E.

(57) Abstract :
Provided is an apparatus system and method for managing radio frequency (RF) and ultrasonic signals output by a generator that includes a surgical instrument comprising an RF energy output and an ultrasonic energy output and a circuit configured to receive a combined RF and ultrasonic signal from the generator. The circuit may be configured to isolate a direct current (DC) voltage from the combined RF and ultrasonic signal. The DC voltage may then be used to power various electrical components of the surgical instrument while still providing RF energy and ultrasonic energy for surgical application.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011669 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PREFORM FOR PRODUCING A PLASTICS CONTAINER IN A STRETCH BLOW MOULDING PROCESS

(51) International classification :B29B11/14
(31) Priority Document No :1462/15
(32) Priority Date :08/10/2015
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2016/073781
Filing Date :05/10/2016
(87) International Publication No :WO 2017/060293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALPLA WERKE ALWIN LEHNER GMBH And CO. KG
Address of Applicant :Allmendstrasse 81 6971 Hard Austria
(72)**Name of Inventor :**
1)DORNBACH, CHRISTIAN

(57) Abstract :
The invention relates to a preform (1) for producing a plastics container in a stretch blow moulding process having an elongate preform body (2) in the form of a tube which is closed at one longitudinal end by a preform base (3) and the other longitudinal end of which borders a transitional region (25) which is adjoined by a preform neck (4). The preform base (3) has an outer wall (31) and an inner wall (32) which delimit a base thickness (b). The preform body (2) has an outer wall (21) and an inner wall (22) which delimit a wall thickness (w). According to the invention an inner surface (E2) curved in a three dimensionally convex manner and an outer surface (E1) curved in a three dimensionally convex manner are spaced apart from one another such that the spacing increases continuously from the respective apex (S S) to the preform body wherein an extent of the outer wall (31) of the preform base (3) along the outer three dimensionally curved surface (E1) is able to be interrupted by a set back region (7) away from its apex (S) and wherein an extent of the inner wall (32) of the preform base (3) along the inner three dimensionally curved surface (E2) is able to be interrupted by a set back region (7) away from its apex (S).

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011670 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : GLYCOTARGETING THERAPEUTICS

(51) International classification	:A61K39/00,A61K38/28,A61K39/35
(31) Priority Document No	:14/859292
(32) Priority Date	:19/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2016/001411 :16/09/2016
(87) International Publication No	:WO 2017/046652
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE
Address of Applicant :Epfl Innovation Park J CH 1015 Lausanne Switzerland
(72)**Name of Inventor :**
1)HUBBELL Jeffrey A.
2)WILSON David Scott

(57) Abstract :
Several embodiments of the present disclosure relate to therapeutic compositions configured to target the liver of a subject and that are useful in the treatment or prevention of one or more of transplant rejection autoimmune disease food allergy and immune response against a therapeutic agent. In several embodiments the compositions are configured to target the liver and deliver antigens to which tolerance is desired. In several embodiments the compositions are configured for clearance of a circulating protein or peptide or antibody associated with one or more of the above mentioned maladies. Methods and uses of the compositions for induction of immune tolerance are also disclosed herein.

No. of Pages : 152 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011671 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR PRODUCING C4 DICARBOXYLIC ACID

(51) International classification :C12N15/09,C07K14/37,C12N1/15
(31) Priority Document No :2015201959
(32) Priority Date :13/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/080234
Filing Date :12/10/2016
(87) International Publication No :WO 2017/065167
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KAO CORPORATION
Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan
(72)**Name of Inventor :**
1)KANEDA Jitsuro

(57) Abstract :
The purpose of the present invention is to improve the C4 dicarboxylic acid production ability of a host cell. A polypeptide comprising the amino acid sequence represented by SEQ ID NO: 2 or an amino acid sequence having at least 90% identity to the aforementioned sequence.

No. of Pages : 53 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011672 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PHARMACEUTICAL ASSOCIATION COMPRISING A GROWTH FACTOR RECEPTOR AGONIST CONJUGATED TO A BIOACTIVE CARRIERFOR CONVERTING A NEOPLASTIC CELL INTO A NON NEOPLASTIC CELL AND USES THEREOF

(51) International classification :A61K38/05,A61L27/12,A61L27/34
(31) Priority Document No :62/219716
(32) Priority Date :17/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/071785
Filing Date :15/09/2016
(87) International Publication No :WO 2017/046219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HISTIDE AG
Address of Applicant :Chaltenbodenstrasse 8 8834 Schindellegi Switzerland
(72)**Name of Inventor :**
1)ZOUANI Omar F.
2)GOCHEVA Veronika

(57) Abstract :
The present disclosure provides a pharmaceutical association for use in the treatment prevention and/or diagnostic of a neoplastic disease said association comprising at least one growth factor receptor binding compound which activates at least one growth factor receptor of a neoplastic cell and at least one bioactive carrier forming at least one covalent or non covalent interaction with said at least one growth factor receptor binding compound and wherein said association reduces or suppresses in the neoplastic cell the gene expression of at least one cyclin D and/or reduces or suppresses the formation of at least one complex formed between said at least one cyclin D and at least one of cyclin dependent kinase 4 or 6.

No. of Pages : 239 No. of Claims : 121

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011415 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DRYWALL JOINT TAPE WITH DUAL PURPOSE ADHESIVE BACKING

(51) International classification :C09J7/04,E04F13/04
(31) Priority Document No :62/221282
(32) Priority Date :21/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052784
Filing Date :21/09/2016
(87) International Publication No :WO 2017/053364
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNITED STATES GYPSUM COMPANY
Address of Applicant :550 West Adams Street Chicago IL 60661 3676 U.S.A.
(72)**Name of Inventor :**
1)ROSENTHAL Guy
2)HARGROVE Pamela L.
3)ADCOCK Joseph
4)NEGRI Robert

(57) Abstract :
A joint tape to be applied to wallboard is provided and includes a base substrate having opposing sides. In certain embodiments a first adhesive layer is applied to one of the sides of the base substrate and a second adhesive layer is applied to the first adhesive layer where the first adhesive layer is different than the second adhesive layer in preferred embodiments the second adhesive being activatable by water. In certain other embodiments two different adhesives are used in a single adhesive layer. In use the joint tape is positioned over and removably secured to a joint or corner between adjacent wallboard panels using the first adhesive layer. After the joint tape is in position joint compound is applied to the joint tape and the water in the joint tape activates it to form a secure bond with the wallboard panels.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011416 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : GROWING SYSTEMS AND METHODS

(51) International classification	:A01G31/00,A01G31/02,A01G31/04
(31) Priority Document No	:62/238733
(32) Priority Date	:08/10/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/056191 :07/10/2016
(87) International Publication No	:WO 2017/062918
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MASSIVIA GROW HOLDINGS LLC
Address of Applicant :5811 Austin Court Pasco WA 99301 U.S.A.
(72)**Name of Inventor :**
1)JOSEPH Timothy E.
2)RUBENSON Zachary E.K.
3)DRIPS Bryan M.
4)CAPOCCIA Joseph L.
5)THOMSEN Alex A.

(57) Abstract :
Growing systems may include a number of modular growing chambers adapted to be configured in a stacked arrangement with each growing chamber surrounding a corresponding portion of the plant. The grow chambers may be selectively added or removed during plant growth such that different sections of the growing plant may be influenced differently using aeroponic hydroponic or other growing techniques. The grow chamber stack may be portable and provided with integrated or independent lifting devices to assist an operator in adding or removing chambers from the stack. Three growing processes may be facilitated using such systems. These include a process for producing assorted product from a single plant for simultaneous harvest a process for producing an extended harvest of a desired size product from a single plant and a process for extending the productive life of a plant and provide for multiple continued and perpetual harvest.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011434 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INHIBITION OF AUTISM SPECTRUM DISORDER USING DECOY ANTIGENS TO MATERNAL BRAIN REACTIVE ANTIBODIES

(51) International classification :A61K39/00,A61K38/17,A61P25/00
(31) Priority Document No :62/237150
(32) Priority Date :05/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/054651
Filing Date :30/09/2016
(87) International Publication No :WO 2017/062270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH
Address of Applicant :350 Community Drive Manhasset NY 11030 U.S.A.
(72)**Name of Inventor :**
1)DIAMOND Betty A.
2)MADER Simone
3)BRIMBERG Lior
4)GREGERSEN Peter

(57) Abstract :
Methods of diagnosis and methods of treatment and prevention for autism spectrum disorder are provided using decoy antigens to maternal brain reactive antibodies.

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011435 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPOSITION FOR TOPICAL APPLICATION COMPRISING DIMETHYL ISOSORBIDE A POLYOL AND A PHENOLIC OR POLYPHENOLIC ANTIOXIDANT

(51) International classification :A61K8/49,A61K8/34,A61Q19/00
(31) Priority Document No :15184058.4
(32) Priority Date :07/09/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/070375
Filing Date :30/08/2016
(87) International Publication No :WO 2017/042049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEDSKIN SOLUTIONS DR. SUWELACK AG
Address of Applicant :Josef Suwelack Strasse 48727 Billerbeck Germany
(72)**Name of Inventor :**
1)KUNZ Michael
2)KUHLMANN Fabian
3)BEHRENS Daniel

(57) Abstract :
The invention relates to a composition suitable for topical application comprising water dimethyl isosorbide a polyol and a phenolic or polyphenolic antioxidant. A method for producing a composition according to the invention is also part of the invention as is a kit for making the composition. Optionally the phenolic or polyphenolic antioxidant is provided in the form of a lyophilisate for the method and the kit. The use of the composition according to the invention for a treatment by topical application is also within the scope of the invention.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011444 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BEAM SCAN TIME INDICATOR

(51) International classification :H04W56/00,H04W72/00
(31) Priority Document No :14/925170
(32) Priority Date :28/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2015/051183
Filing Date :09/11/2015
(87) International Publication No :WO 2017/074233
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :SE 164 83 Stockholm sweden Sweden
(72)**Name of Inventor :**
1)AXN„S Johan
2)HUI Dennis
3)BALACHANDRAN Kumar
4)SAHLIN Henrik
5)RUNE Johan
6)DA SILVA Icaro L. J.
7)REIAL Andres

(57) Abstract :
The present disclosure relates to transmitting synchronization signals and in particular to so called beam sweep. In particular the disclosure relates to methods for providing synchronization using synchronization sequences that are transmitted at different points in time. The disclosure also relates to corresponding devices and computer programs.A method in a network node for transmitting synchronization sequences of a synchronization signal to one or more receiving wireless devices comprises determining multiple synchronization sequences such that each synchronization sequence comprises a respective timing indication whereby each synchronization sequence enables determination of a time of an event in a receiving wireless device and transmitting the synchronization sequences to the one or more wireless devices at different points in time.

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2018

(21) Application No.201817011134 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS FOR DETECTING CAPACITANCE, ELECTRONIC DEVICE AND APPARATUS FOR DETECTING FORCE

(51) International classification :G01R27/2605
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2017/071490
Filing Date :18/01/2017
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHENZHEN GOODIX TECHNOLOGY., LTD.
Address of Applicant :FLOOR 13, PHASE B, TENGFEI INDUSTRIAL BUILDING FUTIAN FREE TRADE ZONE SHENZHEN GUANGDONG CHINA 518045 China
(72)**Name of Inventor :**
1)LIN FENG
2)HONG JIANG

(57) Abstract :
An apparatus for detecting capacitance, an electronic device and an apparatus for detecting a force are disclosed. The apparatus for detecting capacitance includes: a signal driving circuit (110), configured to periodically charge and discharge at least one capacitor to be detected; a conversion circuit (120), configured to convert a capacitance signal of the at least one capacitor to be detected into a voltage signal; and a cancellation circuit (130), configured to cancel initial capacitance of the at least one capacitor to be detected, so that the voltage signal is associated with a capacitance change of the at least one capacitor to be detected. The apparatus for detecting capacitance could improve the anti-interference performance and improve the accuracy of capacitance detection.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011186 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPRESSIBLE ADJUNCT WITH LOOPING MEMBERS

(51) International classification :A61B17/072
(31) Priority Document No :14/871083
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052808
Filing Date :21/09/2016
(87) International Publication No :WO 2017/058601
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)VENDELY Michael J.
2)SHELTON Frederick E. IV
3)HARRIS Jason L.
4)RANSICK Mark H.
5)GOLDREIN Howell T.
6)MOIR Robert S.
7)CONSONNI Sofia Maria
8)AKRAM Ismail
9)EASTER Ashley D.
10)LATHAM Helen S.

(57) Abstract :
A compressible adjunct for use with a surgical instrument including a staple cartridge includes a biocompatible layer and a plurality of biocompatible looping members. The biocompatible looping members protrude from the biocompatible layer. Each biocompatible looping member includes a first end portion attached to the biocompatible layer a second end portion attached to the biocompatible layer and an intermediate curved portion extending between the first end portion and the second end portion wherein the intermediate curved portion is further away from the biocompatible layer than the first end portion and the second end portion.

No. of Pages : 84 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011187 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPRESSIBLE ADJUNCT WITH CROSSING SPACER FIBERS

(51) International classification :A61B17/072
(31) Priority Document No :14/871071
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052812
Filing Date :21/09/2016
(87) International Publication No :WO 2017/058602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)VENDELY Michael J.
2)SHELTON IV Frederick E.
3)HARRIS Jason L.
4)SCHEIB Charles J.
5)GOLDREIN Howell T.
6)MOIR Robert S.
7)CONSONNI Sofia Maria
8)AKRAM Ismail
9)EASTER Ashley D.
10)LATHAM Helen S.

(57) Abstract :
A staple cartridge assembly for use with a surgical stapling instrument includes a staple cartridge including a plurality of staples and a cartridge deck. The staple cartridge assembly also includes a compressible adjunct positionable against the cartridge deck wherein the staples are deployable into tissue captured against the compressible adjunct and wherein the compressible adjunct comprises a first biocompatible layer comprising a first portion a second biocompatible layer comprising a second portion and crossed spacer fibers extending between the first portion and the second portion.

No. of Pages : 84 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011188 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROTECTION TECHNIQUES FOR GENERATOR FOR DIGITALLY GENERATING ELECTROSURGICAL AND ULTRASONIC ELECTRICAL SIGNAL WAVEFORMS

(51) International classification	:A61B18/12,A61B17/32,A61B18/00
(31) Priority Document No	:62/235260
(32) Priority Date	:30/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/053667 :26/09/2016
(87) International Publication No	:WO 2017/058697
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)YATES David C.
2)WIENER Eitan T.

(57) Abstract :
A method of generating electrical signal waveforms. A generator includes a digital processing circuit a memory circuit in communication with the digital processing circuit defining a lookup table a digital synthesis circuit in communication with the digital processing circuit and the memory circuit and a digital to analog converter (DAC) circuit. The method includes generating a first and second digital electrical signal waveforms combining the first and second waveforms to form a combined waveform modifying the combined waveform to form a modified waveform The peak amplitude of the modified waveform does not exceed a predetermined amplitude value. The method includes generating a second waveform that is a function of the first waveform. The method includes modifying a frequency of the first waveform to form a frequency modified first waveform and combining the frequency modified first and second waveforms to form a combined waveform.

No. of Pages : 77 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011464 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS AND METHOD FOR VIDEO MOTION COMPENSATION WITH SELECTABLE INTERPOLATION FILTER

(51) International classification	:H04N19/50,H04N19/82,H04N19/523
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/RU2015/000614 :25/09/2015
(87) International Publication No	:WO 2017/052409
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)IKONIN Sergey Yurievich
2)SYCHEV Maxim Borisovitch
3)STEPIN Victor Alexeevich
4)CHERNYAK Roman Igorevich

(57) Abstract :
The present invention relates to a video coder for predictive coding a video stream of subsequent frames according to motion compensation into an encoded video bit stream comprising a frame buffer (207) configured to store at least one reference frame of the video stream a prediction unit (210) configured to generate a prediction block of a current block of a current frame from a reference block of the reference frame according to a motion vector having fractional pel resolution said fractional pel resolution defining an integer pel position and fractional pel positions. The prediction unit (210) is configured to interpolate the reference block according to the fractional pel resolution via one of the at least three following interpolation filters: a blurring interpolation filter (302) a tap filter (303) and the tap filter (303) followed by a sharpening filter (311).

No. of Pages : 34 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011466 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MEDICINAL COMPOSITION FOR PREVENTING OR TREATING INFLAMMATORY RESPIRATORY DISEASE

(51) International classification :A61K45/00,A61K31/4184,A61K31/4192
(31) Priority Document No :2015178885
(32) Priority Date :10/09/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/076554
Filing Date :09/09/2016
(87) International Publication No :WO 2017/043616
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NATIONAL UNIVERSITY CORPORATION OKAYAMA UNIVERSITY
Address of Applicant :1 1 Tsushima Naka 1 chome Kita ku Okayama shi Okayama 7008530 Japan
(72)**Name of Inventor :**
1)KANEHIRO Arihiko
2)FUJII Utako
3)MORICHIKA Daisuke
4)ODA Naohiro
5)MIYAHARA Nobuaki
6)TANIGUCHI Akihiko
7)KAKUTA Hiroki

(57) Abstract :
A medicinal composition for preventing or treating an inflammatory respiratory disease said medicinal composition comprising an RXR agonist represented by formula (1) or (2) as an active ingredient. The medicinal composition enables prevention or treatment of an inflammatory respiratory disease depending on a function mechanism different from conventional medicines. In formulae (1) and (2): D represents CMe2 N methyl N ethyl or N isopropyl; R1 represents a methyl group a hydroxy group a methoxy group or an ethoxy group; R2 represents H a methyl group or an ethyl group; X represents N CH or C CF3; Y and Z represent N or CH; R3 represents an alkyl group an alkenyl group an alkynyl group or an aryl group; R4 represents an alkyl group an alkenyl group an alkynyl group an aryl group or an alkoxy group; W represents NR5 or CR52; R5 represents hydrogen an alkyl group an alkenyl group an alkynyl group or an aryl group; X1 and Y1 represent CH or N; X2 and Y2 represent CH CR6 or N; R6 represents an alkyl group an alkenyl group an alkynyl group an alkoxy group a halogen a nitro group or an amino group; and Z1 represents a carboxyl group a carboxylic acid ester or hydroxamic acid that is boded either directly or via a linking group.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011467 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHODS FOR PRODUCING STABLE THERAPEUTIC GLUCAGON FORMULATIONS IN APROTIC POLAR SOLVENTS

(51) International classification	:A61K38/26,A61K38/00,A61K9/00
(31) Priority Document No	:62/233032
(32) Priority Date	:25/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/053628 :25/09/2016
(87) International Publication No	:WO 2017/053922
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)XERIS PHARMACEUTICALS INC.
Address of Applicant :180 N. LASALLE STREET, SUITE 1800, CHICAGO, ILLINOIS 60601, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)PRESTRELSKI Steven
2)DONOVAN Martin
3)SANDOVAL Michael

(57) Abstract :
Certain embodiments are directed to a formulation of a therapeutic agent as well as a method of making such a formulation comprising at least one therapeutic agent dissolved in an aprotic polar solvent system comprising at least one ionization stabilizing excipient in a concentration sufficient to impart physical and chemical stability to the therapeutic agent.

No. of Pages : 51 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011468 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ANTIGEN BINDING PROTEINS THAT ACTIVATE THE LEPTIN RECEPTOR

(51) International classification :C07K16/28,A61P3/00,A61P3/10
(31) Priority Document No :62/240021
(32) Priority Date :12/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/056465
Filing Date :11/10/2016
(87) International Publication No :WO 2017/066204
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)REGENERON PHARMACEUTICALS INC.
Address of Applicant :777 Old Saw Mill River Road Tarrytown New York 10591 6707 U.S.A.
(72)**Name of Inventor :**
1)GROMADA Jesper
2)STEVIS Panayiotis
3)ALTAREJOS Judith

(57) Abstract :
The present invention provides antibodies and antigen binding fragments of antibodies that bind to leptin receptor (LEPR) and methods of using the same. According to certain embodiments the invention includes antibodies and antigen binding fragments of antibodies that bind LEPR and activate LEPR signaling. In other embodiments the invention includes antibodies and antigen binding fragments of antibodies that bind to LEPR and enhance sensitization of LEPR to an antigen. In certain embodiments the invention includes antibodies and antigen binding fragments of antibodies that bind LEPR in the presence and absence of leptin. In certain embodiments the invention includes antibodies and antigen binding fragments of antibodies that induce signaling in cells expressing LEPR mutants that otherwise exhibit defective or impaired signaling in the presence of leptin. The antibodies and antigen binding fragments of the present invention are useful for the treatment of lipodystrophies and other diseases and disorders associated with or caused by leptin deficiency or leptin resistance.

No. of Pages : 57 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011675 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CLUTCH DEVICE WITH NO DIAPHRAGM

(51) International classification :F16D23/12,F16D21/06
(31) Priority Document No :1559294
(32) Priority Date :30/09/2015
(33) Name of priority country :France
(86) International Application No :PCT/FR2016/052467
Filing Date :29/09/2016
(87) International Publication No :WO 2017/055746
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VALEO EMBRAYAGES
Address of Applicant :81 avenue Roger Dumoulin 80009 Amiens Cedex 2 France
(72)**Name of Inventor :**
1)DOLE Arnaud
2)THIBAUT Franois

(57) Abstract :
The invention relates to a clutch device (1) for a motor vehicle transmission chain including: at least one pressure plate (14 19) intended for being arranged opposite a clutch disc (13 18) and axially movable between a declutched position and a clutched position in which said pressure plate (14 19) urges the clutch disc (13 18) against a reaction plate (7); at least one actuating abutment (22 23) which is axially movable and engages with the pressure plate (14 19) via a kinematic link (31 32 34); and a fork (37 38) forming a lever which is mounted so as to pivot about a hinge pin and which engages with the actuating abutment (22 23) so that a pivoting of the fork (37 38) drives an axial movement of the actuating abutment (22 23).

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011676 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PHARMACEUTICAL ASSOCIATION OF GROWTH FACTOR RECEPTOR AGONIST AND ADHESION PROTEIN INHIBITOR FOR CONVERTING A NEOPLASTIC CELL INTO A NON NEOPLASTIC CELL AND USES THEREOF

(51) International classification	:A61K38/05,A61K38/07,A61K38/08
(31) Priority Document No	:62/219728
(32) Priority Date	:17/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2016/071794 :15/09/2016
(87) International Publication No	:WO 2017/046227
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HISTIDE AG
Address of Applicant :Chaltenbodenstrasse 8 8834 Schindellegi Switzerland
(72)**Name of Inventor :**
1)ZOUANI Omar F.
2)GOCHEVA Veronika

(57) Abstract :
A pharmaceutical association comprising at least one growth factor receptor binding compound which activates at least one growth factor receptor of a neoplastic cell and at least one adhesion protein inhibitor which inhibits at least one transmembrane cell adhesion protein of said neoplastic cell.

No. of Pages : 487 No. of Claims : 143

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011682 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : EYEGLASSES WITH ONE PIECE SHIELD AND METHOD FOR DESIGNING SAID SHIELD

(51) International classification :G02C7/02,A61F9/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2015/072713
Filing Date :01/10/2015
(87) International Publication No :WO 2017/054878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CARL ZEISS VISION INTERNATIONAL GMBH
Address of Applicant :Turnstrasse 27 73430 Aalen Germany
(72)**Name of Inventor :**
1)SPRATT Ray Steven

(57) Abstract :
The invention relates to non corrective unitary lens eyeglasses and safety helmets comprising a one piece shield as well as a method for designing and fabricating such a one piece shield. The method according to the invention for designing a one piece shield (300) for non corrective unitary lens eyeglasses or safety helmets whereby said shield (300) has a front surface (302) and a back surface (304) is computer implemented and comprises the following steps: providing a front surface geometry of said shield (300); providing a predetermined local relationship of said front surface geometry with respect to a predetermined center of rotation of at least one of a wearers eyes calculating a predetermined portion (307a 307b) of a back surface geometry of said shield (300) attributed to said at least one of said wearers eyes by establishing non zero minus power and minimizing prism as worn for a plurality of wearers lines of sight intersecting said back surface (304) within said predetermined portion (307a 307b) and said front surface (302) due to eye rotations of said at least one of said wearers eyes around said predetermined center of rotation of said at least one of said wearers eyes whereby said predetermined portion (307a 307b) of said back surface geometry is a freeform surface geometry.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011683 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BODY SIDE MEMBER OF AN OSTOMY APPLIANCE

(51) International classification :A61F5/443,A61F5/445
(31) Priority Document No :PA 2015 70634
(32) Priority Date :08/10/2015
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2016/050326
Filing Date :07/10/2016
(87) International Publication No :WO 2017/059869
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COLOPLAST A/S
Address of Applicant :Holtedam 1 3050 Humlebaek Denmark
(72)**Name of Inventor :**
1)VILA Mireia Gordi

(57) Abstract :
A body side member of an ostomy appliance that is convertible between a first position in which a user has access to a first film layer for adhering a first adhesive to the skin surface and a second position in which the user does not have access to the first film layer.

No. of Pages : 12 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011689 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AIR CONDITIONER

(51) International classification :F24F13/20,F24F13/22,F24F1/00
(31) Priority Document No :1020150148070
(32) Priority Date :23/10/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/004724
Filing Date :04/05/2016
(87) International Publication No:WO 2017/069360
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea
(72)**Name of Inventor :**
1)LEE Dong Yoon
2)KIM Do Hoon
3)YOON Joon Ho
4)LEE Chul Ju
5)KIM Jun Woo
6)LEE Bu Youn
7)LEE Jung Dae
8)CHO Sung June

(57) Abstract :
In an air conditioner according to the present invention a drain extraction unit and a refrigerant pipe connecting unit may be disposed in a blocking region in which a discharge port is not provided so that a size of the discharge port may be secured and the discharge port may be uniformly disposed thereby generating uniform airflow in a room. In addition in a lower housing formed in a circular shape some of components inside an indoor unit of the air conditioner may be disposed in a protrusion portion that protrudes from the circular housing so that the discharge port may be maximized and protrusion directions of a protrusion cover may coincide with each other thereby facilitating the installation of the air conditioner. In addition a condensate water collecting space that is disposed outside the housing may be provided in a drain tray thereby efficiently preventing a leakage due to condensate water generated outside the housing. In addition the housing the drain tray and the cover member of the air conditioner may be coupled by a coupling member coupled outside thereby improving the durability of the indoor unit of the air conditioner.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011469 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELECTRO HYDRAULIC HYBRID SYSTEM

(51) International classification :B60T7/02,B60W10/04,B60W20/14
(31) Priority Document No :14/857551
(32) Priority Date :17/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2016/054489
Filing Date :27/07/2016
(87) International Publication No :WO 2017/046664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VIATEC, INC.
Address of Applicant :295 Bald Eagle Drive, Pittsboro, North Carolina, 27312 United States of America U.S.A.
(72)**Name of Inventor :**
1)FERRI Mark

(57) Abstract :
An electro hydraulic hybrid system for a vehicle utilizes both the advantages of the hydraulic hybrid system and the electric hybrid system to maximize the collection of energy lost during a braking process and to provide launch assists in an acceleration process. The electro hydraulic hybrid system includes an ECU that controls the electro hydraulic hybrid system a hydraulic drive pump an accumulator a hydraulic reservoir a hydraulic pump an electric motor a power converter and a battery. The hydraulic reservoir is in fluid communication with the accumulator through the hydraulic drive pump that functions as the main component of the hydraulic regenerative braking system. The hydraulic reservoir is also in fluid communication with the accumulator through the hydraulic pump that acts as the main component of the electro hydraulic inter conversion unit along with the electric motor the at least one battery and power converter that are electrically connected to each other.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011470 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DEVICE FOR PRODUCING ENERGY BY SALINITY GRADIENT THROUGH TITANIUM OXIDE NANOFLUID MEMBRANES

(51) International classification	:B01D61/00,B01D67/00,B01D71/02
(31) Priority Document No	:15306346.6
(32) Priority Date	:02/09/2015
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2016/070683 :02/09/2016
(87) International Publication No	:WO 2017/037213
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SWEETCH ENERGY
Address of Applicant :1 rue Honor dEstienne dOrves Centre dAffaires Lorient Mer Celtic Submarine 1 56100 Lorient France
2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
(72)**Name of Inventor :**
1)MOTTET Bruno
2)BOCQUET Lydric
3)SIRIA Alessandro
4)BECHELANY Mikhael

(57) Abstract :
The present invention relates to a device for producing electrical energy including two vessels A and B intended for each receiving a concentrated electrolyte solution CA and CB in the same solute and each including an electrode arranged so as to come into contact with the electrolyte solution a membrane separating the two vessels said membrane including at least one nanochannel arranged to allow the diffusion of the electrolytes from one vessel to the other through said one or more nanochannels and a device making it possible to supply the electrical energy spontaneously generated by the differential in potential that exists between the two electrodes characterised in that at least one portion of the inner surface of the one or more nanochannels is essentially made up of at least one titanium oxide. The present invention likewise relates to a method for producing electrical energy using said device.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011471 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PARTICLE TRAPPING DEVICE FOR A TURBOMACHINE AND TURBOMACHINE WITH SUCH A DEVICE

(51) International classification :F23R3/04,F01D25/32,F02C7/052
(31) Priority Document No :1558437
(32) Priority Date :10/09/2015
(33) Name of priority country :France
(86) International Application No :PCT/FR2016/052241
Filing Date :08/09/2016
(87) International Publication No :WO 2017/042493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAFRAN HELICOPTER ENGINES
Address of Applicant :64510 Bordes France
(72)**Name of Inventor :**
1)PAILLARD Amaury
2)PASCAUD Stphane

(57) Abstract :
The invention relates to a particle trapping device (2) for a turbomachine said particles being contained in an air stream flowing inside a turbomachine in particular the air stream flowing in the bypass region (17) of the combustion chamber (13) of said turbomachine. The device is characterised in that it comprises: at least two particle deflectors (3 3a 3b 3c) a member (5) for collecting and storing the particles deflected by said deflector and means (6) for attaching said trapping device (2) to a part of the turbomachine.

No. of Pages : 10 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201817011472 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CELL EXPANSION METHODS AND THERAPEUTIC COMPOSITIONS

(51) International classification :C12N5/02,C12N5/0775,A61K35/12
(31) Priority Document No :2015903658
(32) Priority Date :08/09/2015
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2016/000316
Filing Date :08/09/2016
(87) International Publication No :WO 2017/041133
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CELL IDEAS PTY LTD
Address of Applicant :25 Bridge Street Pymble NSW 2073 Australia
(72)**Name of Inventor :**
1)BANERJEE Balarka
2)MORGAN Charlotte
3)VESEY Graham
4)PACKER Nicolle Hannah

(57) Abstract :
The invention relates to methods for the production of mesenchymal stem cells (MSCs) in particular to methods for the large scale production of MSCs such as allogeneic MSCs for use in treating various diseases in humans and other animals. The invention also relates to methods which permit the selection of preferred donor cells suitable for l arge scal e production of MSCs. The invention also relates to purified MSCs prepared by the methods of the invention. The invention also relates to the use of platelet lysate in methods for preparing cultures of MSCs and to the preparation of extracellular matrix enriched secretions. The invention also relates to methods for the preparation of compositions comprising one or more component(s) secreted from cultured MSCs having improved stability characteristics. The invention also relates to methods for treating inflammatory conditions including alleviating the pain thereof by administering high molecular mass glycoconjugate enriched conditioned media and to methods for treating neuropathic pain by administering high molecular mass glycoconjugate enriched conditioned media.

No. of Pages : 54 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011690 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AIR CONDITIONER

(51) International classification :F24F1/00,F24F13/20,F24F13/30
(31) Priority Document No :1020150148300
(32) Priority Date :23/10/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/004723
Filing Date :04/05/2016
(87) International Publication No:WO 2017/069359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea
(72)**Name of Inventor :**
1)LEE Dong Yoon
2)SIM Jae Hyoung
3)KIM Do Yeon
4)KIM Do Hoon
5)SO Byung Yul
6)YOON Joon Ho
7)LEE Jung Dae
8)CHO Sung June

(57) Abstract :
Disclosed herein is an air conditioner including a suction panel which includes a suction port through which air is suctioned in inside a housing. The suction panel is formed to rotate with an axial direction of an air blowing fan or a direction perpendicular to the axial direction of the air blowing fan as a rotation axis to be coupled with or separated from the housing. Accordingly a user may easily and intuitively separate the suction panel and falling of the suction panel which may occur when the suction panel is separated may be effectively reduced using a supporting unit disposed at the suction panel. Also the housing and cover members which cover an outer perimeter of a lower portion of the housing may be coupled with each other by pressurizing the cover members toward the housing thereby allowing the user to easily coupled the cover members.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011692 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : GENERATOR FOR DIGITALLY GENERATING COMBINED ELECTRICAL SIGNAL WAVEFORMS FOR ULTRASONIC SURGICAL INSTRUMENTS

(51) International classification	:A61B18/12,A61B18/14,A61B17/29
(31) Priority Document No	:62/235260
(32) Priority Date	:30/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/053665 :26/09/2016
(87) International Publication No	:WO 2017/058696
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)WIENER Eitan T.
2)YATES David C.

(57) Abstract :
Disclosed is a method of generating electrical signal waveforms by a generator. The method includes storing phase points of first and second digital electrical signal waveforms in first and second lookup tables. The first and second digital electrical signal waveforms are represented by a predetermined number of phase points that define wave shapes. At each clock cycle a digital synthesis circuit retrieves phase points from the first and second lookup tables and the digital processing circuit combines phase points from the first and second lookup tables. A digital to analog converter (DAC) circuit converts the combined phase point into an analog signal. The analog signal is configured to drive a first and second ultrasonic transducer.

No. of Pages : 81 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011693 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : GENERATOR FOR DIGITALLY GENERATING ELECTRICAL SIGNAL WAVEFORMS FOR ELECTROSURGICAL AND ULTRASONIC SURGICAL INSTRUMENTS

(51) International classification	:A61B18/12,A61B18/14,A61B17/29
(31) Priority Document No	:62/235260
(32) Priority Date	:30/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/053664 :26/09/2016
(87) International Publication No	:WO 2017/058695
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo PUERTO RICO 00969 U.S.A.
(72)**Name of Inventor :**
1)WIENER Eitan T.
2)YATES David C.

(57) Abstract :
Disclosed is a method of generating electrical signal waveforms by a generator. The generator includes a digital processing circuit a memory circuit in communication with the digital processing circuit the memory circuit defining a lookup table a digital synthesis circuit in communication with the digital processing circuit and the memory circuit and a digital to analog converter (DAC) circuit. The method includes storing by the digital processing circuit phase points of a digital electrical signal waveform in the lookup table defined by the memory circuit wherein the digital electrical signal waveform is represented by a predetermined number of phase points wherein the predetermined number phase points define a predetermined wave shape. Receiving a clock signal by the digital synthesis circuit. Retrieving by the digital processing circuit a phase point from the lookup table. Converting by the digital processing circuit the retrieved phase point to an analog signal.

No. of Pages : 80 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011694 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FREQUENCY AGILE GENERATOR FOR A SURGICAL INSTRUMENT

(51) International classification	:A61B18/12,A61B18/14,A61B17/29
(31) Priority Document No	:62/235368
(32) Priority Date	:30/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/052982 :22/09/2016
(87) International Publication No	:WO 2017/058619
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo PUERTO RICO 00969 U.S.A.
(72)**Name of Inventor :**
1)YATES David C.
2)WIENER Eitan T.

(57) Abstract :
Disclosed is a system comprising a generator and a surgical instrument wherein the generator is configured to deliver a combined signal comprising a radio frequency (RF) component and an ultrasonic component to the surgical instrument; and the surgical instrument comprises: an RF energy output an ultrasonic energy output a circuit configured to steer the RF component to the RF energy output and steer the ultrasonic component to the ultrasonic energy output wherein the generator is configured to adjust a frequency of the RF component based on a characterization of a circuit component of the circuit.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011479 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MAINTAINING CACHE COHERENCY USING CONDITIONAL INTERVENTION AMONG MULTIPLE MASTER DEVICES

(51) International classification :G06F12/0831
(31) Priority Document No :14/863535
(32) Priority Date :24/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/050987
Filing Date :09/09/2016
(87) International Publication No :WO 2017/053087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)XU Kun
2)TRUONG Thuong Quang
3)SUBRAMANIAM GANASAN Jaya Prakash
4)LE Hien Minh
5)RAMIREZ Cesar Aaron

(57) Abstract :
Maintaining cache coherency using conditional intervention among multiple master devices is disclosed. In one aspect a conditional intervention circuit is configured to receive intervention responses from multiple snooping master devices. To select a snooping master device to provide intervention data the conditional intervention circuit determines how many snooping master devices have a cache line granule size the same as or larger than a requesting master device. If one snooping master device has a same or larger cache line granule size that snooping master device is selected. If more than one snooping master device has a same or larger cache line granule size a snooping master device is selected based on an alternate criteria. The intervention responses provided by the unselected snooping master devices are canceled by the conditional intervention circuit and intervention data from the selected snooping master device is provided to the requesting master device.

No. of Pages : 23 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011480 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LIDAR SYSTEM WITH REFLECTED SIGNAL STRENGTH MEASUREMENT

(51) International classification :G01S17/10,G01S7/486
(31) Priority Document No :62/234328
(32) Priority Date :29/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/046123
Filing Date :09/08/2016
(87) International Publication No :WO 2017/058367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SLOBODYANYUK Volodimir
2)RAINA Manav

(57) Abstract :
An example LIDAR system includes a detector an amplifier a time to digital converter (TDC) an integrator an analog to digital converter (ADC) and a processor. The detector is configured to receive a reflected light pulse where the reflected light pulse is reflected off of an object. The amplifier is coupled to the detector to generate an analog signal in response to the reflected light pulse. The TDC is coupled to the amplifier to generate a first time data and a second time data in response to the analog signal. The integrator is coupled to the amplifier to integrate the analog signal. The ADC is coupled to the integrator to sample an output of the integrator and to generate a digital sample. The processor is configured to process the first time data the second time data and digital sample to estimate a total reflected energy of the reflected light pulse.

No. of Pages : 17 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011483 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CHANNEL STATE COMPUTATION FOR ENHANCED CARRIER AGGREGATION

(51) International classification :H04L5/00,H04L1/00,H04W72/12
(31) Priority Document No :62/233262
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/046736
Filing Date :12/08/2016
(87) International Publication No :WO 2017/052833
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SUBRAHMANYA Parvathanathan
2)SHEN Qiang
3)KHANDEKAR Aamod Dinkar
4)MOTAMED Mariam
5)CHEN Wanshi
6)PAN Hanfang
7)MATHEW Deepak

(57) Abstract :
Methods systems and devices for wireless communication are described. A user equipment (UE) utilizing enhanced carrier aggregation (eCA) may identify a limit to the number of channel state feedback (CSF) processes it is capable of supporting. The UE may transmit an indication of this limit to a base station which may configure the UE for channel state reporting and send channel state reporting triggers according to the indicated limit. The UEs determination of the limit to the number of CSF processes may be based on various transmit or receive antenna configurations. A single trigger may correspond to reports covering multiple subframes and/or component carriers. The base station may also arrange the channel state reporting configuration to reduce the peak number of channel state reports that the UE processes during each subframe. The UE may also determine that a number of channel state processes needed to support channel state reporting in a subframe exceeds its capacity. The UE may then prioritize the channel state processes and/or may transmit one or more non current reports.

No. of Pages : 38 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011485 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TIMESTAMP REPAIR MECHANISM IN CASE OF DECOMPRESSION FAILURE

(51) International classification :H04W28/06,H04L29/06
(31) Priority Document No :14/864685
(32) Priority Date :24/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/053289
Filing Date :23/09/2016
(87) International Publication No :WO 2017/053691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)BRESSANELLI Dominique Francois
2)BATHWAL Saket
3)SAH Deepak

(57) Abstract :
Methods systems and devices may implement a header repair mechanism to deal with a loss of successive compressed headers (e.g. due to radio interface). The present methods and apparatus exploit the fact that once a correct timestamp (TS) from a previous decompression success (called last successfully decomp_TS) is known another (e.g. a subsequent) TS should be in the form: last successfully decomp_TS + nmin_TS_STRIDE where n is a positive integer if the estimated sequence number (SN) is higher than the last successfully decompressed SN and a negative integer if the estimated SN is lower than the last successfully decompressed SN and min_TS_STRIDE is the expected minimum TS increment which is known and directly related to the medium sample rate and frame rate for example.

No. of Pages : 26 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011487 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD FOR OBTAINING BLOOD PRESSURE MEASUREMENT

(51) International classification :A61B5/021,A61B5/024,A61B5/00
(31) Priority Document No :14/863352
(32) Priority Date :23/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/046207
Filing Date :09/08/2016
(87) International Publication No :WO 2017/052821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TCHERTKOV Igor
2)POLIAKOV Evgeni Yurij
3)GRUHLKE Russell Wayne
4)MARTIN Russel Allyn
5)GOUSEV Evgeni Petrovich
6)SEZAN Muhammed Ibrahim

(57) Abstract :
Methods systems computer readable media and apparatuses for obtaining blood pressure measurements are presented. The blood pressure measurements may be obtained by determining a pulse transit time (PTT) as a function of a photoplethysmography (PPG) measurement and electrocardiogram (ECG) measurement. A mobile device includes outer body sized to be portable for a user of the mobile device. The mobile device also includes a plurality of light emitting components distributed along at least one portion of the mobile device and a plurality of light collecting components configured to measure reflected light from the plurality of light emitting components reflected off of blood vessels within the user. The light emitting and light collecting components are distributed along the at least one portion of the mobile device. The mobile device may also include a light guide configured to direct light emitted by the at least one light emitting component toward blood vessels with the user.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011489 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD FOR OBTAINING VITAL MEASUREMENTS USING A MOBILE DEVICE

(51) International classification :A61B5/1455,A61B5/024,A61B5/0205
(31) Priority Document No :14/860645
(32) Priority Date :21/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/050275
Filing Date :02/09/2016
(87) International Publication No :WO 2017/053049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GRUHLKE Russell
2)TCHERTKOV Igor
3)MARTIN Russel Allyn
4)POLIAKOV Evgeni
5)GOUSEV Evgeni
6)SHEN Liang
7)GOVIL Alok

(57) Abstract :
Methods systems computer readable media and apparatuses for obtaining vital measurements are presented. The vital measurements may include a blood pressure value that can be obtained by determining a pulse transit time (PTT) as a function of a photoplethysmography (PPG) measurement and electrocardiogram (ECG) measurement. A mobile device includes an outer body sized to be portable for a user a processor contained within the outer body a display coupled to a light guide and at least one first sensor coupled to the light guide. The display is configured to display an illumination pattern directing light toward blood vessels within the user. The at least one first sensor is configured to measure reflected light from the illumination pattern reflected off of the blood vessels within the user wherein the processor is configured to obtain a first measurement indicative of changes in blood volume based at least in part on the measured reflected light.

No. of Pages : 25 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011490 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : REINFORCED ADDITIVE MANUFACTURING PROCESS FOR THE MANUFACTURE OF COMPOSITE MATERIALS

(51) International classification :B33Y10/00,B28B1/00,B29C67/00
(31) Priority Document No :2015903536
(32) Priority Date :31/08/2015
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2016/050813
Filing Date :30/08/2016
(87) International Publication No :WO 2017/035584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PURE NEW WORLD PTY LTD
Address of Applicant :58 Player Drive Narre Warren Victoria 3805 Australia
(72)**Name of Inventor :**
1)MOHARRER Mohammad Ali Sanagooy

(57) Abstract :
An additive manufacturing process for the manufacture of a body from composite materials including the steps of: providing a support structure against which the composite material is to be formed; installing a reinforcing material adjacent the support structure; and progressively applying a matrix material to the support structure to cover the reinforcing material the matrix material being applied from a nozzle movable relative to the support structure.

No. of Pages : 9 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011497 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FREQUENCY DETERMINATION FOR DEVICE TO DEVICE TRANSMISSIONS AND RECEPTIONS

(51) International classification :H04W72/02,H04W48/12
(31) Priority Document No :62/219043
(32) Priority Date :15/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051477
Filing Date :13/09/2016
(87) International Publication No :WO 2017/048695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTEN: International IP Administration 5775 Morehouse Drive San Diego California US 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)SANTHANAM Arvind
2)HOOVER Scott
3)BALASUBRAMANIAN Srinivasan
4)AMERGA Daniel
5)TSIRTSIS Georgios

(57) Abstract :
A method an apparatus and a computer readable medium for wireless communication are provided. The apparatus selects a serving cell for connection to a network. The apparatus performs a search for a frequency band on a neighbor cell for use in device to device communications. The apparatus performs the device to device communications using pre configured resources associated with the frequency band when the search for the frequency band on the neighbor cell fails. The apparatus performs the device to device communications using resources associated with the frequency band of the neighbor cell when the search for the frequency band on the neighbor cell is successful.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011695 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : IMPLANTABLE ADJUNCT COMPRISING BONDED LAYERS

(51) International classification :A61B17/072,A61B17/00,A61B17/064
(31) Priority Document No :14/871087
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052833
Filing Date :21/09/2016
(87) International Publication No :WO 2017/058606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)HARRIS Jason L.
2)SHELTON IV Frederick E.
3)VENDELY Michael J.
4)MORGAN Jerome R.
5)JAMIOLKOWSKI Dennis D.
6)ZEINER Mark S.

(57) Abstract :
A staple cartridge assembly comprising an implantable adjunct or layer assembly is disclosed. The implantable adjunct comprises a plurality of layers wherein at least one of the layers has been melted to bond with one or more of the other layers of the implantable adjunct.

No. of Pages : 81 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011696 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR APPLYING AN IMPLANTABLE LAYER TO A FASTENER CARTRIDGE

(51) International classification :A61B17/072
(31) Priority Document No :14/871131
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052823
Filing Date :21/09/2016
(87) International Publication No :WO 2017/058604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo PUERTO RICO 00969 U.S.A.
(72)**Name of Inventor :**
1)SHELTON IV Frederick E.
2)VENDELY Michael J.
3)SCHELLIN Emily A.
4)ARONHALT Taylor W.
5)BARTON Trevor J.
6)WEANER Lauren S.
7)RANSICK Mark H.

(57) Abstract :
Methods for forming an implantable layer onto a staple cartridge are disclosed.

No. of Pages : 80 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011697 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : WOVEN CONSTRUCTS WITH INTERLOCKED STANDING FIBERS

(51) International classification :A61B17/072
(31) Priority Document No :14/871089
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052806
Filing Date :21/09/2016
(87) International Publication No :WO 2017/058600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo Puerto Rico 00969 U.S.A.
(72)**Name of Inventor :**
1)VENDELY Michael J.
2)SHELTON Frederick E. IV
3)HARRIS Jason L.
4)RANSICK Mark H.
5)GOLDREIN Howell T.
6)MOIR Robert S.
7)CONSONNI Sofia Maria
8)AKRAM Ismail
9)EASTER Ashley D.
10)LATHAM Helen S.

(57) Abstract :
A staple cartridge assembly comprising an implantable layer is disclosed. The implantable layer comprises a top portion a bottom portion and structural walls interwoven between the top portion and the bottom portion.

No. of Pages : 84 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011698 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FIVE BEVEL CANNULA FOR BLOOD ACQUISITION DEVICES

(51) International classification :A61M5/32,A61B5/15
(31) Priority Document No :62/222807
(32) Priority Date :24/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052652
Filing Date :20/09/2016
(87) International Publication No :WO 2017/053288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BECTON DICKINSON AND COMPANY
Address of Applicant :1 Becton Drive Franklin Lakes NJ 07417 U.S.A.
(72)**Name of Inventor :**
1)WOO Matthew Siang Si
2)ATTRI Ravi
3)NAIR Arun U.
4)YOO Bo Yon Lillian

(57) Abstract :
A needle including a cannula having a multi beveled point is disclosed. The multi beveled point includes a primary bevel two middle bevels and two tip bevels. Each of the middle bevels extends between the primary bevel and one of the tip bevels. The primary bevel is provided on the cannula at a first angle of inclination and a first angle of rotation the two middle bevels are provided on the cannula at a second angle of inclination and a second angle of rotation and the two tip bevels are provided on the cannula at a third angle of inclination and a third angle of rotation. The third angle of inclination is greater than the second angle of inclination the second angle of inclination is greater than the first angle of inclination and the second angle of rotation is equal to the third angle of rotation.

No. of Pages : 9 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011700 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHODS AND SYSTEMS FOR SELECTION OF CHANNELS FOR UNLICENSED WIRELESS COMMUNICATIONS

(51) International classification :H04W72/04
(31) Priority Document No :14/869697
(32) Priority Date :29/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2016/098864
Filing Date :13/09/2016
(87) International Publication No :WO 2017/054644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building BantianLonggang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)SALEM Mohamed Adel
2)MAAREF Amine

(57) Abstract :
Methods devices and systems are disclosed to enable the use of unlicensed wireless channels by nodes and devices in a network such as a mobile or cellular communications network which primarily operates over licensed wireless channels. A selected channel or selected channel and node pair for serving a user device are determined based on a combined metric of a signal quality level and a target time share parameter. The time share parameter represents the estimated data rate available for each potential channel or channel and node pair in light of the requirement to share the unlicensed wireless channel resources with other equipment. The signal quality level represents an estimated signal quality at the user device for each channel and node based on factors including residual interference from other communications signals transmitted over the unlicensed channels.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011702 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SELF CONSUMING PROJECTILE

(51) International classification :F42B10/48,F42B12/74,F42B10/40
(31) Priority Document No :10 2015 116 985.1
(32) Priority Date :06/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/072819
Filing Date :26/09/2016
(87) International Publication No :WO 2017/060109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RHEINMETALL WAFFE MUNITION GMBH
Address of Applicant :Heinrich Ehrhardt Str. 2 29345 Unterl Germany
(72)**Name of Inventor :**
1)HEYMANN Frank
2)BILGER Gerhard

(57) Abstract :
A projectile (1) with a projectile casing (2) and at least one pyrotechnic charge (3 4) incorporated in the projectile casing (2) is proposed wherein the projectile (1) has an open projectile base (5) with a destructible membrane (6) and the pyrotechnic charge (3 4) burns away at a defined rate during the flight of the projectile (1) and so the projectile (1) loses mass in such a way that a predetermined effective range is not exceeded. As a result safety and a nonlethal effect are achieved in particular outside the effective range.

No. of Pages : 6 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011499 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SPOOF DETECTION BY ULTRASONIC SUBDERMAL PROBE

(51) International classification :G06K9/00
(31) Priority Document No :14/863114
(32) Priority Date :23/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052945
Filing Date :21/09/2016
(87) International Publication No :WO 2017/053472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)KITCHENS II Jack Conway
2)SCHNEIDER John Keith
3)GOJEVIC Stephen Michael
4)DICKINSON Timothy
5)SCHNEIDER Philip John
6)BRELOFF Evan
7)HILDRETH Evan Robert

(57) Abstract :
Methods and systems of determining whether an object is alive and therefore part of a live individual are described. An object having an outer surface (e.g. a friction ridge surface of a finger) and internal parts (e.g. tissue layer papillae blood vessels fat muscle nail and bone) is scanned by a system having a transmitter receiver and computer. One such system has a substantially planar piezoelectric transmit layer an ultrasonic receiver array having a plurality of receivers and a platen. The transmit layer is caused to produce an ultrasound plane wave traveling toward the object residing on the platen. Using the ultrasonic receiver ultrasonic energy that has been reflected from the object is detected. The detected ultrasonic energy is analyzed to provide an analysis result and the analysis result is compared to a template. A determination is made as to whether the analysis result and the template are similar and the object is declared to be alive if the analysis result is determined to be similar to the template.

No. of Pages : 20 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011501 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : NOVEL INSULIN ANALOGS AND USE THEREOF

(51) International classification :C07K14/62,C07K1/12,C07K1/18
(31) Priority Document No :1020150121819
(32) Priority Date :28/08/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/009606
Filing Date :29/08/2016
(87) International Publication No :WO 2017/039267
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HANMI PHARM. CO. LTD.
Address of Applicant :214 Muha ro Paltan myeon Hwaseong si Gyeonggi do 18536 Republic of Korea
(72)**Name of Inventor :**
1)KIM Jin Young
2)OH Euh Lim
3)LEE Jong Soo
4)LIM Hyung Kyu
5)CHOI In Young
6)KWON Se Chang

(57) Abstract :
The present invention relates to a novel insulin analog and more specifically to an insulin analog with an improved in vitro effect compared with native insulin a nucleic acid encoding the same an expression vector including the nucleic acid a transformant introduced with the expression vector a method of producing the insulin analog from the transformant a pharmaceutical composition for treating diabetes containing the insulin analog as an active ingredient and a method for treating diabetes using the insulin analog or the pharmaceutical composition.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011505 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND APPARATUS FOR CACHE LINE DEDUPLICATION VIA DATA MATCHING

(51) International classification	:G06F12/0842,G06F12/0895,G06F12/0815
(31) Priority Document No	:14/865049
(32) Priority Date	:25/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/051241 :12/09/2016
(87) International Publication No	:WO 2017/053109
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CAIN III Harold Wade
2)HOWER Derek Robert
3)DAMODARAN Raguram
4)SARTORIUS Thomas Andrew

(57) Abstract :
A cache fill line is received including an index a thread identifier and cache fill line data. The cache is probed using the index and a different thread identifier for a potential duplicate cache line. The potential duplicate cache line includes cache line data and the different thread identifier. Upon the cache fill line data matching the cache line data duplication is identified. The potential duplicate cache line is set as a shared resident cache line and the thread share permission tag is set to a permission state.

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011508 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMBUSTION SYSTEM

(51) International classification :F23J15/00
(31) Priority Document No :PCT/JP2016/076870
(32) Priority Date :12/09/2016
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2017/009049
Filing Date :07/03/2017
(87) International Publication No :WO 2018/047382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE CHUGOKU ELECTRIC POWER CO. INC.
Address of Applicant :4 33 Komachi Naka ku Hiroshima shi Hiroshima 7308701 Japan
2)TOKYO METROPOLITAN UNIVERSITY
(72)**Name of Inventor :**
1)KIYONAGA Eiji
2)HIKINO Kenji
3)MORITA Keiichiro
4)HARUTA Masatake
5)MURAYAMA Toru
6)MINO Makoto

(57) Abstract :
Provided is a low operating cost combustion system. A combustion system 1 that comprises: a combustion device 10 that combusts fuel; an exhaust path L1 through which flows exhaust gas generated by combustion of fuel at the combustion device 10; an air preheater 30 that is arranged on the exhaust path L1 and recovers heat from the exhaust gas; and a denitration device 40 that is arranged on the exhaust path L1 and removes nitrogen oxides from the exhaust gas by means of a denitration catalyst. The denitration device 40 is arranged on the exhaust path L1 downstream of the air preheater 30. The denitration catalyst contains at least 43 wt% of vanadium pentoxide and has a BET specific surface area of at least 30 m2/g.

No. of Pages : 40 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011509 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BROADCAST RANGING MESSAGES FOR WLAN RTT MEASUREMENTS

(51) International classification :H04W64/00
(31) Priority Document No :14/862985
(32) Priority Date :23/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052054
Filing Date :16/09/2016
(87) International Publication No :WO 2017/053181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)BHATIA Ashok
2)AGARWAL Vishal
3)FARMER Dominic Gerard
4)ALDANA Carlos Horacio

(57) Abstract :
In one aspect a method performed by an access point in a wireless local area network (WLAN) includes receiving a first ranging request message from a first device and monitoring for a second ranging request message from a second device on a channel of the WLAN. The first ranging request message includes a device identifier of the first device and the second ranging request message includes a device identifier of the second device. In response to receiving the second ranging request message the access point combines the device identifier of the first device first timing information associated with the first ranging request message the device identifier of the second device and second timing information associated with the second ranging request message into a single ranging response message. The access point then broadcasts the single ranging response message on the channel of the WLAN.

No. of Pages : 24 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011703 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A METHOD FOR CONTROLLING A LINE CONVERTER ON BOARD A TRACK BOUND VEHICLE

(51) International classification :H02M1/12,B60L9/00,H02M7/5387
(31) Priority Document No :15192487.5
(32) Priority Date :02/11/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/075986
Filing Date :27/10/2016
(87) International Publication No :WO 2017/076751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOMBARDIER TRANSPORTATION GMBH
Address of Applicant :Eichhornstrasse 3 10785 Berlin Germany
(72)**Name of Inventor :**
1)GALIC Johann

(57) Abstract :
In a method for controlling a line converter on board a track bound vehicle semiconductor devices of current valves of the line converter are controlled to be turned on and off so as to prevent the current (I) through a secondary winding of a transformer to which midpoints of phase legs of the converter are connected to pass zero and shift direction other when the voltage across the secondary winding shifts direction by a start of a new half period of an AC line voltage across the windings of the transformer.

No. of Pages : 16 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011704 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CATALYST FOR EXHAUST GAS PURIFICATION METHOD FOR PRODUCING SAME AND EXHAUST GAS PURIFICATION APPARATUS COMPRISING SAID CATALYST

(51) International classification :B01J23/46,B01D53/94,B01J23/63
(31) Priority Document No :2015186788
(32) Priority Date :24/09/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/078091
Filing Date :23/09/2016
(87) International Publication No :WO 2017/051894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CATALER CORPORATION
Address of Applicant :7800 Chihama Kakegawa shi Shizuoka 4371492 Japan
(72)**Name of Inventor :**
1)INODA Satoru
2)MATSUEDA Satoshi
3)TAKI Kenichi
4)HIRAI Akimasa

(57) Abstract :
The present invention provides a catalyst for exhaust gas purification which is capable of effectively purifying an exhaust gas. The present invention relates to a catalyst (10) for exhaust gas purification which comprises first catalyst particles (1) second catalyst particles (2) and carrier particles (4) that support the first catalyst particles (1) and the second catalyst particles (2). The first catalyst particles (1) are Pd particles or Pd Rh alloy particles; and the second catalyst particles (2) are Pd Rh alloy particles. The molar ratio of Rh to the total of Pd and Rh in the first catalyst particles (1) is 0.50 times or less the molar ratio of Rh to the total of Pd and Rh in the second catalyst particles (2).

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011713 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : NUCLEAR REACTOR FOR MEDICAL NEUTRON SOURCE

(51) International classification :A61N5/10,G21C1/00
(31) Priority Document No :2015140722
(32) Priority Date :24/09/2015
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2016/000641
Filing Date :23/09/2016
(87) International Publication No :WO 2017/052418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RESEARCH AND DEVELOPMENT CENTER FOR INNOVATIONS
Address of Applicant :ul. Fedora Poletaeva 28 offis 5 Moscow 109378 Russia
(72)**Name of Inventor :**
1)DOROHOVICH Sergey Leonidovich
2)KAZANSKIY Yuriy Alekseevich
3)KURACHENKO Yuriy Aleksandrovich
4)LEBEDEV Larion Aleksandrovich
5)LEVCHENKO Valeriy Alekseevich
6)LEVCHENKO Aleksandr Valerevich
7)MATUSEVICH Evgeniy Sergeevich

(57) Abstract :
The invention relates to the field of nuclear physics and medicine and specifically to the neutron therapy of malignant tumors in humans. A coolant having a set temperature is fed into the nuclear reactor core of a medical neutron source which is in a subcritical state. The nuclear reactor core is transitioned from the subcritical state to a critical state until the nominal power of the nuclear reactor is achieved. A neutron output channel is opened in order to conduct a neutron therapy session and the operation of the reactor is maintained at nominal power while the neutron therapy session is conducted. At the end of the neutron therapy session the neutron output channel is closed at the same time as the reactor core is transitioned to a subcritical state. The temperature of the coolant entering the core is maintained unchanged and equal to a set temperature both when the core is transitioned to a critical state and during the operation of the nuclear reactor at nominal power.

No. of Pages : 17 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018
(21) Application No.201817011715 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ADSORBENT REGENERATION METHOD IN A COMBINED PRESSURE AND TEMPERATURE SWING ADSORPTION PROCESS

(51) International classification :B01D53/04,B01D53/047
(31) Priority Document No :62/232572
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052568
Filing Date :20/09/2016
(87) International Publication No :WO 2017/053249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PRAXAIR TECHNOLOGY INC.
Address of Applicant :39 Old Ridgebury Road Danbury CT 06810 U.S.A.
(72)**Name of Inventor :**
1)HASHI Mohamed
2)CELIK Cem E.
3)DRAY James R.

(57) Abstract :
In a cyclic adsorptive gas purification process an impurity laden adsorbent is regenerated by exposing it first to an unheated gas for a predetermined time period to desorb at least some of the impurity followed by heating the adsorbent using a flowing stream of a heated gas to desorb the remaining impurities over another predetermined time period further followed by cooling of the adsorbent using a flowing stream of gas for yet another predetermined time period to make it ready for repeating the adsorptive cycle. Introducing an unheated purge stream reduces the energy requirements for the regeneration step compared to a traditional TSA process.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011511 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : RANGING AND/OR LOCALIZATION SERVICE BASED ON MOBILE DEVICE PRIVILEGE

(51) International classification :G01S13/82,G01S5/14,G01S13/76
(31) Priority Document No :14/863246
(32) Priority Date :23/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/050599
Filing Date :08/09/2016
(87) International Publication No :WO 2017/053070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)DO Ju Yong

(57) Abstract :
Example methods apparatuses or articles of manufacture are disclosed herein that may be utilized in whole or in part to facilitate or support one or more operations or techniques for a ranging and/or localization service based at least in part on mobile communication device privilege for example.

No. of Pages : 47 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011514 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AVOIDING DEADLOCKS IN PROCESSOR BASED SYSTEMS EMPLOYING RETRY AND IN ORDER RESPONSE NON RETRY BUS COHERENCY PROTOCOLS

(51) International classification	:G06F12/0815,G06F9/52,G06F12/0831
(31) Priority Document No	:14/863645
(32) Priority Date	:24/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/050961 :09/09/2016
(87) International Publication No	:WO 2017/053086
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LE Hien Minh
2)TRUONG Thuong Quang
3)XU Kun
4)SUBRAMANIAM GANASAN Jaya Prakash
5)RAMIREZ Cesar Aaron

(57) Abstract :
Aspects disclosed herein include avoiding deadlocks in processor based systems employing retry and in order response non retry bus coherency protocols. In this regard an interface bridge circuit is communicatively coupled to a first core device that implements a retry bus coherency protocol and a second core device that implements an in order response non retry bus coherency protocol. The interface bridge circuit receives a snoop command from the first core device and forwards the snoop command to the second core device. While the snoop command is pending the interface bridge circuit detects a potential deadlock condition between the first core device and the second core device. In response to detecting the potential deadlock condition the interface bridge circuit is configured to send a retry response to the first core device. This enables the first core device to continue processing thereby eliminating the potential deadlock condition.

No. of Pages : 16 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011520 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD FOR OBTAINING BLOOD PRESSURE MEASUREMENT

(51) International classification	:A61B5/021,A61B5/024,A61B5/00
(31) Priority Document No	:14/863359
(32) Priority Date	:23/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/046209 :09/08/2016
(87) International Publication No	:WO 2017/052822
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TCHERTKOV Igor
2)POLIAKOV Evgeni Yurij
3)GRUHLKE Russell Wayne
4)MARTIN Russel Allyn
5)GOUSEV Evgeni Petrovich
6)SEZAN Muhammed Ibrahim

(57) Abstract :
Methods systems computer readable media and apparatuses for obtaining blood pressure measurements are presented. The blood pressure measurements may be obtained by determining a pulse transit time (PTT) as a function of a photoplethysmography (PPG) measurement and electrocardiogram (ECG) measurement. A mobile device includes outer body sized to be portable for a user of the mobile device. The mobile device also includes a plurality of light emitting components distributed along at least one portion of the mobile device and a plurality of light collecting components configured to measure reflected light from the plurality of light emitting components reflected off of blood vessels within the user. The light emitting and light collecting components are distributed along the at least one portion of the mobile device. The mobile device may also include a light guide configured to direct light emitted by the at least one light emitting component toward blood vessels with the user.

No. of Pages : 27 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011523 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEMS AND METHODS FOR INCREMENTAL OBJECT DETECTION USING DUAL THRESHOLD LOCAL BINARY PATTERN OPERATORS

(51) International classification :G06K9/46
(31) Priority Document No :14/863364
(32) Priority Date :23/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/044860
Filing Date :29/07/2016
(87) International Publication No :WO 2017/052778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHAN Victor
2)GOVIL Alok
3)REITMAYR Gerhard

(57) Abstract :
Methods systems computer readable media and apparatuses for incremental object detection using a staged process and a band pass feature extractor are presented. At each stage of the staged process a different band of features from a plurality of bands of features in image data can be extracted using a dual threshold local binary pattern operator and compared with features of a target object within the band for a partial decision. The staged process exits if a rejection decision is made at any stage of the staged process. If no rejection decision is made in each stage of the staged process the target object is detected. Features extracted at each stage may be from a different image for some applications.

No. of Pages : 32 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018
(21) Application No.201817011716 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR ACQUIRING CONTEXT INFORMATION OF USER EQUIPMENT AND RELATED DEVICE AND SYSTEM

(51) International classification :H04W36/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2015/091212
Filing Date :30/09/2015
(87) International Publication No :WO 2017/054168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)DAI Mingzeng
2)ZHANG Hongping
3)ZENG Qinghai

(57) Abstract :
Disclosed is a method for acquiring context information of a user equipment (UE) comprising: receiving by a first base station a first radio resource control (RRC) connection establishment request transmitted by a UE wherein the first RRC connection establishment request carries connection state information of the UE prior to the transmission of the first RRC connection establishment request; determining by the first base station and according to the connection state information whether the first base station satisfies a condition to demand context information of the UE; if the first base station determines that the first base station does not satisfy the condition to demand the context information of the UE transmitting by the first base station to a mobile management entity (MME) a request to establish the context information of the UE; and receiving by the first base station a response message transmitted by the MME in response to the request to establish the context information of the UE wherein the response message carries the context information of the UE. The invention can prevent release of a signaling to re establish a connection by a UE and a delay after a handover failure thereby facilitating a rapid recovery of a service.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011722 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ANTIBACTERIAL AGENT AND METHOD FOR SUPPRESSING DISEASE OF MARINE ORGANISM CAUSED BY INFECTION WITH VIBRIO PARAHAEMOLYTICUS

(51) International classification :A61K31/235,A01N37/40,A01P3/00
(31) Priority Document No :2015200735
(32) Priority Date :09/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/080088
Filing Date :11/10/2016
(87) International Publication No :WO 2017/061630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NISSIN FOODS HOLDINGS CO. LTD.
Address of Applicant :1 1 Nishinakajima 4 chome Yodogawa ku Osaka shi Osaka 5328524 Japan
(72)**Name of Inventor :**
1)NISHI Shingo

(57) Abstract :
[Problem] To provide an antibacterial agent by which the growth of Vibrio parahaemolyticus can be suppressed using a small amount of an active ingredient and a method for suppressing a disease of a marine organism caused by infection with V. parahaemolyticus.
[Solution] An antibacterial agent for suppressing the growth of V. parahaemolyticus said antibacterial agent comprising at least propyl gallate. A method for suppressing a disease of a marine organism caused by infection with V. parahaemolyticus may comprise putting propyl gallate into rearing water.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018
(21) Application No.201817011723 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DEVICE FOR CONTROLLING THE TEMPERATURE OF OBJECTS AND METHOD FOR CONTROLLING A DEVICE FOR CONTROLLING THE TEMPERATURE OF OBJECTS

(51) International classification :F26B21/12,F26B23/00
(31) Priority Document No :10 2015 012 848.5
(32) Priority Date :06/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/073842
Filing Date :06/10/2016
(87) International Publication No :WO 2017/060332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EISENMANN SE
Address of Applicant :Tbinger Strae 81 71032 Bblingen Germany
(72)**Name of Inventor :**
1)HACK Eduard Karl

(57) Abstract :
The invention relates to a device for controlling the temperature of objects in particular for drying coated vehicle bodies having a temperature control chamber and a cooling region connected to the temperature control chamber a temperature control device for generating temperature control air a control apparatus and a heat exchanger. According to the invention the heat exchanger has an outside air inlet a hot air inlet connected to the cooling region and/or the temperature control device and a cooling air outlet connected to the cooling region and the control apparatus is designed to control the temperature of the outside air supplied via the outside air inlet using hot air supplied via the hot air inlet. The invention further relates to a method for controlling such a device.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011725 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ALKYLATION OF PICOLINAMIDES WITH SUBSTITUTED CHLOROACYLALS UTILIZING A CROWN ETHER CATALYST

(51) International classification	:A61K31/44,A01N43/40,C07D213/02
(31) Priority Document No	:62/237844
(32) Priority Date	:06/10/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/055331 :04/10/2016
(87) International Publication No	:WO 2017/062362
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis Indiana 46268 Uruguay
(72)**Name of Inventor :**
1)JANSMA Matthew
2)ADAWAY Timothy
3)TRIPPEER Michael

(57) Abstract :
A process for the alkylation of picolinamides with substituted chloroacylals to produce a structure of Formula (III) wherein the reaction is performed in the presence of a phase transfer catalyst and an inorganic halide co catalyst.

No. of Pages : 14 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011538 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INVERSELY PROPORTIONAL VOLTAGE DELAY BUFFERS FOR BUFFERING DATA ACCORDING TO DATA VOLTAGE LEVELS

(51) International classification :H03K19/003,H03K19/0185
(31) Priority Document No :14/863710
(32) Priority Date :24/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051073
Filing Date :09/09/2016
(87) International Publication No :WO 2017/053090
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)PUCKETT Joshua Lance

(57) Abstract :
Inversely proportional voltage delay buffers (100) for buffering data (102) according to data voltage levels are disclosed. In one aspect an inversely proportional voltage delay buffer (100) is configured to buffer a data signal (102) for an amount of time that is inversely proportional to a voltage level of the data signal. The inversely proportional voltage delay buffer includes an inversion circuit (104) and pass circuit (106). The inversion circuit is configured to generate a control signal (108) that is the logic inverse of the data signal. Notably the control signal transitions at a rate proportional to the voltage level of the data signal. The pass circuit (106) is configured to generate a weak logic state of the data signal when the data signal and the control signal have the same logic state. The pass circuit is configured to generate a strong logic state of the data signal when the data input and the control signal have opposite logic states.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011541 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LISTEN BEFORE TALK FOR LTE DIRECT ON UNLICENSED RADIO FREQUENCY SPECTRUM BAND

(51) International classification :H04W74/08,H04W16/14
(31) Priority Document No :14/861819
(32) Priority Date :22/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/045799
Filing Date :05/08/2016
(87) International Publication No :WO 2017/052802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TAVILDAR Saurabha Rangrao
2)LI Junyi
3)WALTON Jay Rodney
4)ABRAHAM Santosh Paul

(57) Abstract :
Methods systems and devices are described for direct device to device (D2D) communications in a subframe on a channel in an unlicensed radio frequency spectrum band. A user equipment (UE) may perform a listen before talk (LBT) procedure on the channel in the unlicensed radio frequency spectrum band. The UE may identify a time period between a completion of the LBT procedure and a boundary of a second subframe. The UE may transmit a Wi Fi preamble and a variable length message on the channel during the identified timer period. The variable length message may include a duration that is time aligned with the boundary of the second subframe.

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011542 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MULTIPLE USER MIMO RATE PREDICTION BASED ON SINGLE USER SNR FEEDBACK

(51) International classification :H04L1/00,H04B7/04,H04W16/28
(31) Priority Document No :14/866224
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/049041
Filing Date :26/08/2016
(87) International Publication No :WO 2017/053007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)VAN NEE Didier Johannes Richard
2)ELSHERIF Ahmed Ragab
3)VAN ZELST Albert
4)GAO Qinghai
5)JONES IV Vincent Knowles

(57) Abstract :
Methods systems and devices are described for wireless communication. An access point (AP) may determine a single user bias for a wireless device based on a feedback signal to noise ratio (SNR) and an SNR based on a modulation and coding scheme (MCS). The AP may also determine a multi user SNR for the wireless device based on the feedback SNR the single user bias a multi user loss and a group bias. The AP may then select an updated MCS based on the multi user SNR. In some cases the AP may transmit a reference signal to the wireless device and receive a compressed beamforming feedback report from the wireless device based on the reference signal. The feedback SNR may be based on the compressed beamforming feedback report. The AP may also maintain a blacklist of groups with channel correlation that satisfies a threshold and refrain from scheduling those groups together.

No. of Pages : 26 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011564 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : REFRESH TIMER SYNCHRONIZATION BETWEEN MEMORY CONTROLLER AND MEMORY

(51) International classification :G11C11/406,G06F13/16
(31) Priority Document No :62/236008
(32) Priority Date :01/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/048771
Filing Date :25/08/2016
(87) International Publication No :WO 2017/058417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)JOSE Edwin
2)DROP Michael

(57) Abstract :
A memory controller is configured to communicate to a DRAM an indication of when a most recent memory controller triggered refresh cycle occurred prior to a transition to a self refresh mode of operation in which the DRAM self triggers its refresh cycles.

No. of Pages : 11 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011566 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMMON SYNCHRONIZATION CHANNEL DESIGN FOR NARROWBAND COMMUNICATIONS

(51) International classification :H04L5/00,H04L7/00
(31) Priority Document No :62/232335
(32) Priority Date :24/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/049364
Filing Date :30/08/2016
(87) International Publication No :WO 2017/053024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)XU Hao
2)RICO ALVARINO Alberto
3)MONTOJO Juan
4)WEI Yongbin
5)LEI Jing
6)WANG Renqiu
7)FAKOORIAN Seyed Ali Akbar
8)GAAL Peter
9)CHEN Wanshi

(57) Abstract :
Narrowband communications in a wireless communications system may include a common synchronization signal such as a primary synchronization signal (PSS) secondary synchronization signal (SSS) or physical broadcast channel (PBCH). Content of the common synchronization signal may indicate a location of narrowband data transmissions in a narrowband region of a system bandwidth. The location of the narrowband region may be in band within one or more wideband transmissions within a guard band bandwidth adjacent to the wideband transmissions bandwidth or within a stand alone bandwidth that is non adjacent to the wideband transmissions. The common synchronization signal may be located within a predefined search frequency and may include an anchor synchronization channel present in certain resources of allocated narrowband communications resources. Narrowband data region resources may be distributed in other portions of the narrowband communications resources and may be allocated to different users to provide transmit diversity.

No. of Pages : 53 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011726 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PHARMACEUTICAL ASSOCIATION COMPRISING A GROWTH FACTOR RECEPTOR AGONIST CONJUGATED TO A BIOACTIVE CARRIER FOR CONVERTING A NEOPLASTIC CELL INTO A NON NEOPLASTIC CELL AND USES THEREOF

(51) International classification :A61K38/18,A61L27/12,A61L27/34
(31) Priority Document No :62/219710
(32) Priority Date :17/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/071781
Filing Date :15/09/2016
(87) International Publication No :WO 2017/046215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HISTIDE AG
Address of Applicant :Chaltenbodenstrasse 8 8834 Schindellegi Switzerland
(72)**Name of Inventor :**
1)ZOUANI Omar F.
2)GOCHEVA Veronika

(57) Abstract :
The present disclosure provides a pharmaceutical association for use in the treatment prevention and/or diagnostic of a neoplastic disease said association comprising at least one growth factor receptor binding compound which activates at least one growth factor receptor of a neoplastic cell and at least one bioactive carrier forming at least one covalent or non covalent interaction with said at least one growth factor receptor binding compound and wherein said association reduces or suppresses in the neoplastic cell the gene expression of at least one cyclin D and/or reduces or suppresses the formation of at least one complex formed between said at least one cyclin D and at least one of cyclin dependent kinase 4 or 6.

No. of Pages : 494 No. of Claims : 139

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011738 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : NITROGEN FIXATION USING REFACTORED NIF CLUSTERS

(51) International classification :C12N15/03,C12N15/70,C12N15/78
(31) Priority Document No :62/237426
(32) Priority Date :05/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/055429
Filing Date :05/10/2016
(87) International Publication No :WO 2017/062412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Address of Applicant :77 Massachusetts Avenue Cambridge MA 02139 U.S.A.
(72)**Name of Inventor :**
1)VOIGT Christopher
2)RYU Min Hyung
3)SONG Mi Ryoung

(57) Abstract :
The invention relates to methods for promoting fixed nitrogen from atmospheric nitrogen and related products. Endophytic bacteria having an exogenous nif cluster promote fixed nitrogen for cereal plants.

No. of Pages : 56 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018
(21) Application No.201817011750 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : GEMCABENE COMBINATIONS FOR THE TREATMENT OF CARDIOVASCULAR DISEASE

(51) International classification :A61K9/00
(31) Priority Document No :62/252195
(32) Priority Date :06/11/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/060849
Filing Date :07/11/2016
(87) International Publication No :WO 2017/079755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GEMPHIRE THERAPEUTICS INC.
Address of Applicant :17199 N. Laurel Park Drive Suite 401 Livonia MI 48152 U.S.A.
(72)**Name of Inventor :**
1)ONICIU Daniela Carmen
2)BISGAIER Charles L.

(57) Abstract :
The present invention provides pharmaceutical compositions formulated to include a statin and gemcabene wherein the composition is useful for treating preventing or reducing symptoms of cardiovascular and metabolic indications that involve elevate levels of LDL cholesterol triglycerides or both.

No. of Pages : 62 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011752 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : STAGED PRESSURE FOR BUTADIENE REACTORS TO ENHANCE ENERGY RECOVERY

(51) International classification :C07C11/167,C07C5/48
(31) Priority Document No :62/211781
(32) Priority Date :29/08/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/048529
Filing Date :25/08/2016
(87) International Publication No :WO 2017/040165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UOP LLC
Address of Applicant :25 East Algonquin Road P.O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.
2)TPC GROUP LLC
(72)**Name of Inventor :**
1)SENETAR John J.
2)HORN Jillian Marie

(57) Abstract :
A process is presented for the oxidative dehydrogenation of butenes to butadienes. The process includes the use of parallel reactors wherein the reactors are operated at different pressures. A butene feedstream is split into several portions wherein each portion is passed to a different reactor. Each reactor generates an effluent stream and the effluent stream is cooled to generate steam for use in a lower pressure reactor.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011755 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR MONITORING A WIND TURBINE

(51) International classification :F03D7/04,F03D17/00,F03D80/40
(31) Priority Document No :10 2015 117 032.9
(32) Priority Date :07/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/074004
Filing Date :07/10/2016
(87) International Publication No :WO 2017/060430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WOBBEN PROPERTIES GMBH
Address of Applicant :Borsigstrae 26 26607 Aurich Germany
(72)**Name of Inventor :**
1)STOLTENJOHANNES Jrgen

(57) Abstract :
The invention relates to a method for monitoring a wind turbine with a nacelle comprising the following steps: recording a sound by means of at least one acoustic sensor arranged on the outside of and on the nacelle evaluating the recorded sound for detecting an operating state of the wind turbine.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011756 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELECTRONIC DEVICE

(51) International classification :H05K1/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2015/083571
Filing Date :30/11/2015
(87) International Publication No :WO 2017/094062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RENESAS ELECTRONICS CORPORATION
Address of Applicant :2 24 Toyosu 3 chome Koutou ku Tokyo 1350061 Japan
(72)**Name of Inventor :**
1)TSUKUDA Tatsuaki
2)NAKAHARA Akihiro

(57) Abstract :
An electronic device according to one embodiment of the present invention has a wiring board having first wiring to which a first external terminal is connected and second wiring to which a second external terminal is connected and which extends along the first wiring. The electronic device further has a semiconductor device that is mounted on the wiring board and is electrically connected to the first wiring and the second wiring respectively. The electronic device further has a capacitor that is mounted on the wiring board and is electrically connected to the semiconductor device via the first wiring and the second wiring respectively. The distance between the semiconductor and the capacitor is shorter than the distance between the capacitor and the first external terminal and the second external terminal respectively.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011567 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HIGH PERFORMANCE FIBRES COMPOSITE SHEET

(51) International classification :C08J5/04,D06M15/227,F41H5/04
(31) Priority Document No :15189131.4
(32) Priority Date :09/10/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/074066
Filing Date :07/10/2016
(87) International Publication No :WO 2017/060469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1 6411 TE Heerlen Netherlands
(72)**Name of Inventor :**
1)MARISSEN Roelof
2)WILMS Johannes
3)NIELABA Leonard

(57) Abstract :
The invention relates to a method for manufacturing a composite sheet comprising high performance polyethylene fibres and a polymeric resin comprising the steps of assembling HPPE fibres to a sheet applying an aqueous suspension of a polymeric resin to the HPPE fibres partially drying the aqueous suspension optionally applying a temperature and/or a pressure treatment to the composite sheet wherein the polymeric resin is a homopolymer or copolymer of ethylene and/or propylene. The invention further relates to composite sheets obtainable by said method and articles comprising the composite sheet such as helmets radomes or a tarpaulins.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011568 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND SYSTEM FOR CLEARING A PIPE SYSTEM

(51) International classification :B08B9/032,F17D3/10
(31) Priority Document No :2015613
(32) Priority Date :14/10/2015
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2016/074791
Filing Date :14/10/2016
(87) International Publication No :WO 2017/064293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FLUIDOR EQUIPMENT B.V.
Address of Applicant :P.O. Box 152 4940 AD Raamsdonkveer Netherlands
(72)**Name of Inventor :**
1)WOUTERS Robbert Christianus Antonius

(57) Abstract :
Method and system (100) for clearing a pipe system (101) from its contents the pipe having a proximal end (115) and a distal end (116) the method comprising providing an air supply (102 108 109) to the pipe system (101) at the proximal end (115) by applying an air pressure decreasing from an initial pressure as the bulk of the pipe contents get discharged gradually at the distal end for obtaining a contents flow in the pipe system (101). The method further comprises determining a volume of air supplied to the pipe system (101) by the air supply (102 108 109) determining an estimated contents travel speed from the volume of the air supplied to the pipe and regulating the air supply (102 108 109) to the proximal end (115) of the pipe for obtaining a predetermined pipe contents travel speed using the estimated contents travel speed.

No. of Pages : 13 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011571 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MANAGEMENT OF INTER FREQUENCY MEASUREMENTS

(51) International classification :H04W36/00
(31) Priority Document No :14/859686
(32) Priority Date :21/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052094
Filing Date :16/09/2016
(87) International Publication No :WO 2017/053185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)MESHKATI Farhad
2)SADEK Ahmed Kamel
3)PRAKASH Rajat

(57) Abstract :
Techniques for prioritizing inter frequency measurements are disclosed. The method may include identifying a first frequency for measurement that is associated with mobility of an access terminal for transitioning from a serving primary cell to a target primary cell identifying a second frequency for measurement that is associated with supplemental capacity of the access terminal for adding a secondary cell to operate in conjunction with the serving primary cell prioritizing the mobility of the access terminal or the supplemental capacity of the access terminal selecting for measurement in a measurement period either the first frequency or the second frequency based on the prioritizing and triggering a measurement for the selected frequency.

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011574 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : OPTICAL ARCHITECTURE FOR 3D CAMERA

(51) International classification :H04N13/02
(31) Priority Document No :14/864761
(32) Priority Date :24/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/045031
Filing Date :01/08/2016
(87) International Publication No :WO 2017/052782
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)MAITAN Jacek
2)ZHOU Ying
3)GRUHLKE Russell

(57) Abstract :
Methods systems computer readable media and apparatuses for capturing a three dimensional (3D) image are presented. In some implementations the device comprises first and second lens elements (606a 606b) and multiple reflecting elements (612a 612b 614a 614b) to collect and focus rays emanating from a source or object towards a single image sensor through two separate optical paths.

No. of Pages : 20 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011575 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : USING INTRABODY SIGNAL PROPAGATION TO INFER WEARABLE DEVICE LOCATION ON THE BODY FOR SENSOR OPTIMIZATION AND CONFIGURATION

(51) International classification :H04B13/00,A61B5/00
(31) Priority Document No :14/859131
(32) Priority Date :18/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/047034
Filing Date :15/08/2016
(87) International Publication No :WO 2017/048430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)TARTZ Robert Scott
2)KING Jay Steven
3)VARTAK Aniket Arun
4)KEATING Virginia Walker

(57) Abstract :
An electronic device is operated by determining its location on a body of a human or an animal as an ending point of a path from another electronic device. The path is predetermined by measuring at multiple frequencies a property indicative of loss of an AC signal that propagates through the body along the path between the pair of electronic devices to obtain measurements. The multiple measurements are thereafter used to select a particular path through the body from among a group of paths through the body which are characterized in one or more training phases e.g. by use of a classifier. After a particular path through the body is identified based on an ending point of the particular path an electronic device at that ending point is configured e.g. by turning on or turning off a specific sensor or by setting a rate of transmission of data.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011579 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS AND METHOD FOR GASEOUS FLUID SAMPLING

(51) International classification :G01N1/22,H01J49/00
(31) Priority Document No :1517310.7
(32) Priority Date :30/09/2015
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2016/053055
Filing Date :30/09/2016
(87) International Publication No :WO 2017/055870
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SMITHS DETECTION WATFORD LIMITED
Address of Applicant :Century House Maylands Avenue Hemel Hempstead Hertfordshire HP2 7DE U.K.
(72)**Name of Inventor :**
1)KIRKBY Oliver
2)CLARK Alastair
3)GRANT Bruce Alec Colin

(57) Abstract :
A detector inlet for providing a sample to an analytical apparatus for detecting a substance of interest the detector inlet comprising a plenum for allowing passage of a flow of a gaseous fluid the plenum comprising a sampling volume a sampling inlet arranged in the plenum and arranged to collect samples of the gaseous fluid from the sampling volume and to provide the samples to the analytical apparatus wherein the flow carries particulates and a flow director arranged to create circulatory flow of the gaseous fluid around the plenum encircling the sampling inlet thereby to vary a spatial distribution of the particulates carried by the fluid to increase a relative proportion of the particulates carried past the sampling inlet without entering the sampling volume.

No. of Pages : 15 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011580 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS AND METHOD FOR SAMPLING

(51) International classification :G01N1/22,G01N1/38,G01N1/44
(31) Priority Document No :1517314.9
(32) Priority Date :30/09/2015
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2016/053056
Filing Date :30/09/2016
(87) International Publication No:WO 2017/055871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SMITHS DETECTION WATFORD LIMITED
Address of Applicant :Century House Maylands Avenue Hemel Hempstead Hertfordshire HP2 7DE U.K.
(72)**Name of Inventor :**
1)KIRKBY Oliver
2)CLARK Alastair
3)GRANT Bruce Alec Colin

(57) Abstract :
A detector inlet for providing a sample to an analytical apparatus for detecting an aerosol the detector inlet comprising;an intake for inhaling a flow of gaseous fluid to be sampled by the analytical apparatus;a mixing region;a first conduit for carrying a first part of the flow of gaseous fluid from the intake to the mixing region;a second conduit for carrying a second part of the flow of gaseous fluid from the intake to the mixing region; and a heater configured to heat the first part more than the second part and wherein the detector inlet is configured to combine the first part with the second part in the mixing region.

No. of Pages : 22 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011582 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SEALING DEVICE

(51) International classification	:B65B9/067,B65B29/00,B65B51/22
(31) Priority Document No	:15197524.0
(32) Priority Date	:02/12/2015
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2016/079590 :02/12/2016
(87) International Publication No	:WO 2017/093486
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SWEDISH MATCH NORTH EUROPE AB
Address of Applicant :SE 118 85 Stockholm Sweden
(72)**Name of Inventor :**
1)PERSSON Tony

(57) Abstract :
The present invention relates to a sealing device (1 101 201) for sealing a packaging material (7 107) enclosing a filling material (29) to provide portion packed oral pouched snuff products (43). The sealing device comprises an anvil (3 103 203) with a first operation surface (11 111 211) and a sonotrode (5 105 205) with a second operation surface (13 113) the anvil and the sonotrode being arranged to allow passage of the packaging material therebetween the second operation surface being located opposite the first operation surface during operation of the sealing device. The first and second operation surfaces are arranged to weld a first portion (7a 107a) of the packaging material to a second portion (7b 107b) of the packaging material. At least one of the first or second operation surfaces comprises a first welding surface (11a 111a) defining a first extension plane and a second welding surface (11b 111b) defining a second extension plane which has a different orientation than the first extension plane. The first and second welding surfaces are partly delimited by a cutting edge (15 115 215) having an extension direction along the first and second welding surfaces such that the cutting edge separates the first welding surface from the second welding surface. The present invention further relates to an arrangement (19) for manufacturing of portion packed oral pouched snuff products which arrangement comprises such a sealing device. The present invention also relates to a method for portion packing of an oral pouched snuff product.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011583 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CALL CONTINUITY IN HIGH UPLINK INTERFERENCE STATE

(51) International classification :H04L29/06
(31) Priority Document No :14/863416
(32) Priority Date :23/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052246
Filing Date :16/09/2016
(87) International Publication No :WO 2017/053203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTEN: International IP Administration 5775 Morehouse Drive San Diego California US 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)AGRAWAL Ambuj
2)EHSAN Navid
3)SIVAKUMAR Nagamanikandan
4)BATHWAL Saket
5)AL KHAIRY Mohammed

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus receives a stream of RTP data packets over a wireless channel and applies ROHC decompression to decode the packets. Upon a failure of ROHC decompression the apparatus identifies the RTP sequence number (SN) RTP Timestamp (TS) and PDCP receive time (RT) of a prior successfully decoded packet and the PDCP SN and PDCP RT of the failed packets. Using the identified information the apparatus estimates the RTP SN and RTP TS of each of the failed packets. The apparatus decodes the packets using the estimated information.

No. of Pages : 28 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011586 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEMS AND METHODS FOR SIGNALING AND GENERATING VARIABLE LENGTH BLOCK ACKNOWLEDGMENT FIELDS IN A WIRELESS NETWORK

(51) International classification :H04L1/16,H04L1/18
(31) Priority Document No :62/232972
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051723
Filing Date :14/09/2016
(87) International Publication No :WO 2017/053148
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)MERLIN Simone
2)ASTERJADHI Alfred
3)TIAN Bin
4)CHERIAN George
5)CHO James

(57) Abstract :
Systems methods and apparatuses for signaling and generating variable length block acknowledgement fields in a wireless network are provided. One aspect of this disclosure provides a method of wireless communication. The method includes generating by an apparatus a block acknowledgment (BA) frame comprising a BA bitmap field. The method further includes determining a size of the BA bitmap field. The method further includes inserting an indication of the determined size of the BA bitmap field.

No. of Pages : 17 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018
(21) Application No.201817011587 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR TREATING AN ELASTOMER PACKAGING ELEMENT AND PACKAGING ELEMENT THUS TREATED

(51) International classification :C08J7/12
(31) Priority Document No :1560792
(32) Priority Date :12/11/2015
(33) Name of priority country :France
(86) International Application No :PCT/FR2016/052910
Filing Date :09/11/2016
(87) International Publication No :WO 2017/081409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APTAR STELMI SAS
Address of Applicant :Le Raspail Paris Nord 2 22 avenue des Nations 93420 Villepinte France
(72)**Name of Inventor :**
1)FOURNIER Ghislain
2)CABURET Laurent

(57) Abstract :
The invention relates to a method for treating an elastomer packaging element (10) in particular a stopper intended for a medical or pharmaceutical use said packaging element (10) including a lower portion (11) intended for entering into a neck (21) of a container (20) and an upper portion (12) intended for engaging tightly with an upper surface (22) of said neck (21) of the container (20) the upper surface of said upper portion (12) being treated by a plasma assisted polymerisation process at atmospheric pressure by means of a plasma flame created at atmospheric pressure in which a monomer is injected said monomer polymerising on said upper surface so as to form a coating (18).

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011588 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : IMPROVED EFFICIENCY CROWDSOURCING OF WIRELESS NETWORK RELATED DATA

(51) International classification :H04W24/10,H04W64/00
(31) Priority Document No :14/866827
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/045070
Filing Date :01/08/2016
(87) International Publication No :WO 2017/052785
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)PON Rayman W.

(57) Abstract :
Example methods apparatuses or articles of manufacture are disclosed herein that may be utilized in whole or in part to facilitate or support one or more operations or techniques for improved efficiency crowdsourcing of wireless network related data such as for use in or with a mobile communication device for example.

No. of Pages : 40 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011591 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BLIND DETECTION AND REPORTING OF INTERFERENCE IN UNLICENSED SPECTRUM

(51) International classification :H04J11/00
(31) Priority Document No :62/233212
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/053600
Filing Date :24/09/2016
(87) International Publication No :WO 2017/053907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)YERRAMALLI Srinivas
2)CHENDAMARAI KANNAN Arumugam
3)LEI Jing
4)RAMANUJAM Sridhar
5)WEI Yongbin

(57) Abstract :
The disclosure provides for detecting interference in wireless communications. A wireless devices may receive an interfering signal on a portion of unlicensed spectrum. The wireless device may perform cyclic autocorrelation on the interfering signal to determine one or both of a cyclic prefix length and a symbol period. The wireless device may determine a radio access technology of the interfering signal based on one or both of the cyclic prefix length and the symbol period. In an aspect the wireless device may further transmit an interference report including information regarding the interfering signal including the cyclic prefix length symbol period identified radio access technology or packet length.

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011595 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTEGRATED CIRCUITS (ICS) ON A GLASS SUBSTRATE

(51) International classification :H01L27/12,H01L29/66
(31) Priority Document No :14/861958
(32) Priority Date :22/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/044751
Filing Date :29/07/2016
(87) International Publication No :WO 2017/052774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GU Shiqun
2)KIM Daeik Daniel
3)NOWAK Matthew Michael
4)KIM Jonghae
5)YUN Changhan Hobie
6)LAN Je Hsiung Jeffrey
7)BERDY David Francis

(57) Abstract :
An integrated circuit (IC) includes a first semiconductor device on a glass substrate. The first semiconductor device includes a first semiconductive region of a bulk silicon wafer. The IC includes a second semiconductor device on the glass substrate. The second semiconductor device includes a second semiconductive region of the bulk silicon wafer. The IC includes a through substrate trench between the first semiconductive region and the second semiconductive region. The through substrate trench includes a portion disposed beyond a surface of the bulk silicon wafer.

No. of Pages : 44 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011599 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INCREASED UPLINK PILOT TIME SLOT LENGTH IN SPECIAL SUBFRAMES

(51) International classification :H04W72/04,H04L27/26
(31) Priority Document No :PCT/CN2015/090515
(32) Priority Date :24/09/2015
(33) Name of priority country :China
(86) International Application No :PCT/CN2016/092763
Filing Date :01/08/2016
(87) International Publication No :WO 2017/050017
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)WEI Chao
2)CHEN Wanshi
3)GAAL Peter
4)ZHENG Ruiming

(57) Abstract :
Increased symbol length of uplink pilot time slots (UpPTS) in special subframes is disclosed in which a configuration of a first special subframe may be independent from configuration of a second special subframe in the same frame such that the first UpPTS of the first special subframe is longer than the second UpPTS of the second special subframe. The second UpPTS of the second special subframe may also be longer than legacy UpPTS length in select configurations. A serving base station may select the special subframe configurations in order to balance sounding reference signal (SRS) capacity for compatible user equipments (UEs) and downlink throughput for legacy UEs. The selected special subframe configurations may be transmitted by the serving base stations. In additional aspects compatible UEs may be configured with at least two separate SRS power control parameters for use in the additional and legacy UpPTS symbols.

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011603 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND SYSTEM FOR CONTINUOUSLY PRODUCING COMPOSITE STRIPS OR COMPOSITE SHEETS

(51) International classification :B32B37/20,B32B15/08,B32B39/00
(31) Priority Document No :10 2015 117 201.1
(32) Priority Date :08/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/072450
Filing Date :21/09/2016
(87) International Publication No :WO 2017/060091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BWG BERGWERK UND WALZWERK MASCHINENBAU GMBH
Address of Applicant :Mercatorstrae 74 78 47051 Duisburg Germany
(72)**Name of Inventor :**
1)NO Andreas
2)SCHNEIDER Josef
3)STASKE Matthias
4)HEERMANN Klemens
5)KLARE Andreas
6)KOCH Klaus Peter
7)RASPUDIC Gerold
8)RUDACK Markus
9)JANSSEN Stella

(57) Abstract :
The invention relates to a method for producing composite webs or composite sheets consisting of at least a first lower cover layer (1) of metal a second upper cover layer (2) of metal and a core layer (3) of plastic which is arranged between the cover layers (1 2) and is integrally bonded thereto wherein a first metal strip (4) for the lower cover layer (1) a second metal strip (5) for the upper cover layer (2) and a plastic web (6) for the core layer (3) are brought together and are integrally bonded to each other by the application of pressure and/or heat. The method is characterized in that the first metal strip (4) and the second metal strip (5) are each continuously coated with an adhesion promoter in a pretreatment line (V) and then wound and that the first metal strip (4) the second metal strip (5) and the plastic web (6) are then brought together in a laminating line that is separate from the pretreatment line (L) and are continuously bonded to each other by the application of pressure and heat in order to form a composite web.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011622 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : STEEL ALLOY WITH HIGH STRENGTH HIGH IMPACT TOUGHNESS AND EXCELLENT FATIGUE LIFE FOR MUD MOTOR SHAFT APPLICATIONS

(51) International classification :C22C38/02,C21D1/18,C21D1/58
(31) Priority Document No :62/233609
(32) Priority Date :28/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/054049
Filing Date :28/09/2016
(87) International Publication No :WO 2017/058835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CRS HOLDINGS INC.
Address of Applicant :1105 North Market Street Suite 601 Wilmington DE 19801 U.S.A.
(72)**Name of Inventor :**
1)NOVOTNY Paul M.

(57) Abstract :
A steel alloy is disclosed that provides a unique combination of strength toughness and fatigue life. The steel alloy has the following composition in weight percent. C about 0.15 to about 0.30 Mn about 1.7 to about 2.3 Si about 0.7 to about 1.1 Cr about 1.85 to about 2.35 Ni about 0.5 to about 0.9 MO+1/2W about 0.1 to about 0.3 Cu about 0.3 to about 0.7 V+5/9xNb about 0.2 to about 0.5 The balance of the alloy is iron usual impurities and residual amounts of other elements added during melting for deoxidizing and/or desulfurizing the alloy. A hardened and tempered steel article made from the alloy is also disclosed.

No. of Pages : 12 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011625 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : VEHICLE PURSUIT WARNING SYSTEM

(51) International classification :H04Q5/22
(31) Priority Document No :62/237849
(32) Priority Date :06/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/055663
Filing Date :06/10/2016
(87) International Publication No :WO 2017/062562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MORGAN Patricia
Address of Applicant :333 Piper Lane Pickens South Carolina 29671 U.S.A.
(72)**Name of Inventor :**
1)MORGAN Timothy E.

(57) Abstract :
An emergency alert method for sending digitized alerts to a population within an emergency pursuit geographic area to provide warning and provide time for the population to seek safety.

No. of Pages : 8 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011647 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD FOR TESTING PHOTOSENSITIVE DEVICE DEGRADATION

(51) International classification	:H02S50/10,G09G3/00,H05B33/10
(31) Priority Document No	:62/232088
(32) Priority Date	:24/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/053806 :26/09/2016
(87) International Publication No	:WO 2017/053984
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HEE SOLAR L.L.C.
Address of Applicant :1807 Ross Ave. Suite 333 Dallas TX 75201 U.S.A.
(72)**Name of Inventor :**
1)IRWIN Michael D.
2)LOVELACE Jerome
3)MIELCZAREK Kamil

(57) Abstract :
The performance of photosensitive devices over time may be tested by configuring a photosensitive device test system that includes a light source plate that exposes photosensitive devices within a container to a specified light intensity. The light intensity may be adjusted by a programmable power source according to one or more thresholds. A test may last for a set duration with performance measurements being taken at predetermined intervals throughout the duration. Feedback from the photosensitive device test system may be recorded to determine whether to increase light intensity to stop testing to continue testing and whether one or more environmental conditions should be altered. Measurements may be sent to a client for analysis and display to a user.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011648 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM AND WIRELESS COMMUNICATION METHOD

(51) International classification	:H04W16/08,H04W28/06,H04W72/08
(31) Priority Document No	:2015197969
(32) Priority Date	:05/10/2015
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2016/079667 :05/10/2016
(87) International Publication No	:WO 2017/061492
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Address of Applicant :5 1Otemachi 1 chome Chiyoda ku Tokyo 1008116 Japan
(72)**Name of Inventor :**
1)SHINOHARA Shoko
2)INOUE Yasuhiko
3)IWATANI Junichi
4)MIZOGUCHI Masato

(57) Abstract :
In the present invention a format including a BSS identifier of a transmission source in a preamble of a frame is defined as an HE format a format not including the BSS identifier in the preamble but including the BSS identifier in a MAC header is defined as a Non HE format and a wireless station for a BSS comprises a control means that performs processing including: checking the format of a frame received with no less than predetermined receiving sensitivity; when the format is the HE format and the BSS identifier of the received frame matches an own BSS continuing demodulation of the received frame; and when the format is an HE format and the BSS identifier of the received frame does not match the own BSS stopping the demodulation of the received frame.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011649 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : NEW IMIDAZO[4 5 B]PYRIDINE DERIVATIVES AS DUAL DYRK1/CLK1 INHIBITORS

(51) International classification	:C07D471/04,A61P35/00,A61P25/28
(31) Priority Document No	:15/59252
(32) Priority Date	:30/09/2015
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2016/073395 :30/09/2016
(87) International Publication No	:WO 2017/055530
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LES LABORATOIRES SERVIER
Address of Applicant :35 rue de Verdun 92284 Suresnes France
2)VERNALIS (RAndD) LIMITED
(72)**Name of Inventor :**
1)BLINT Balzs
2)KOTSCHY Andrs
3)SIPOS Melinda
4)WBER Csaba
5)FOLOPPE Nicolas
6)WALMSLEY David
7)BURBRIDGE Michal Frank
8)CRUZALEGUI Francisco Humberto

(57) Abstract :
(Formula I) Compounds of formula (I) usefull for the treatment of cancer neurodegenerative disorders and metabolic disorders.

No. of Pages : 94 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011650 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BODY SIDE MEMBER OF AN OSTOMY APPLIANCE

(51) International classification :A61F5/443,A61F5/445
(31) Priority Document No :PA 2015 70636
(32) Priority Date :08/10/2015
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2016/050325
Filing Date :07/10/2016
(87) International Publication No :WO 2017/059868
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COLOPLAST A/S
Address of Applicant :Holtedam 1 3050 Humlebaek Denmark
(72)**Name of Inventor :**
1)OBRIEN Liam
2)LANGHORN Philip Holler

(57) Abstract :
A body side member of an ostomy appliance having backing film forming a distal surface the distal surface including one or more individual pockets containing a moldable material that can exit the pockets.

No. of Pages : 26 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011651 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING COMPOUND DERIVED FROM LIGNOCELLULOSE BASED BIOMASS

(51) International classification :C12P19/02
(31) Priority Document No :2015195918
(32) Priority Date :01/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/079068
Filing Date :30/09/2016
(87) International Publication No :WO 2017/057697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL And SUMIKIN ENGINEERING CO. LTD.
Address of Applicant :5 1 Osaki 1 chome Shinagawa ku Tokyo 1418604 Japan
2)TOYOTA JIDOSHA KABUSHIKI KAISHA
(72)**Name of Inventor :**
1)KOGA Tsukasa
2)KIUCHI Takafumi
3)KATO Yasuhiko
4)YASUTANI Noriko

(57) Abstract :
The device according to the present invention for producing a compound derived from a lignocellulose based biomass comprises: a first saccharification unit which contains a pretreated lignocellulose based biomass and enzymes; a second saccharification unit which contains a first saccharified liquid formed in the first saccharification unit and a first saccharification residue containing lignin to which glucosidase (BGL) is adsorbed; and a mechanism for maintaining the solid component concentration in the second saccharification unit higher than the solid component concentration in the first saccharification unit.

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011653 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FAN WHEEL FAN AND SYSTEM HAVING AT LEAST ONE FAN

(51) International classification :F04D29/38,F04D29/30,F04D29/66
(31) Priority Document No :10 2015 216 579.5
(32) Priority Date :31/08/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2016/200358
Filing Date :04/08/2016
(87) International Publication No :WO 2017/036470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZIEHL ABEGG SE
Address of Applicant :Heinz Ziehl Strae 74653 Knzelsau Germany
(72)**Name of Inventor :**
1)LOERCHER Frieder
2)HOFMANN Georg
3)HUB Sandra

(57) Abstract :
The invention relates to a fan wheel for a fan comprising at least two undulate fan blades. A fan has at least one such fan wheel. A system has at least one fan having such a fan wheel.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011654 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CUTTING TOOL AND TRIANGULAR SHAPED INDEXABLE CUTTING INSERT THEREFOR

(51) International classification	:B23B27/16,B23P15/28,B23B29/04
(31) Priority Document No	:14/944295
(32) Priority Date	:18/11/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2016/051169 :30/10/2016
(87) International Publication No	:WO 2017/085710
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ISCAR LTD.
Address of Applicant :P.O. Box 11 24959 Tefen Israel
(72)**Name of Inventor :**
1)ATHAD Shimon

(57) Abstract :
A cutting tool having a tool holder cutting insert and clamping member. The tool holder includes an elongated supporting surface extending in a rearward to forward direction. The cutting insert has a central portion and three cutting portions the central portion having two opposing side surfaces and three spaced apart locating surfaces defining a first imaginary triangle. The cutting insert is indexable about a central axis intersecting the two side surfaces. Each locating surface intersects two of three bisector planes containing the central axis and bisecting respective corners of the first imaginary triangle and the cutting edge of each cutting portion is located entirely outside of the first imaginary triangle. In each index position the clamping member is located entirely rearward of a first vertical plane containing the central axis and perpendicular to the rearward to forward direction and one of the locating surfaces is in clamping contact with the supporting surface.

No. of Pages : 10 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2017
(21) Application No.201714021971 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELEVATOR GROUP CONTROL SYSTEM

(51) International classification :F01M9/10
(31) Priority Document No :2017-004206
(32) Priority Date :13/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOSHIBA ELEVATOR KABUSHIKI KAISHA
Address of Applicant :72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8585, Japan Japan
(72)**Name of Inventor :**
1)Kazunari Hirayama
2)Keiichi Nakanishi

(57) Abstract :
According to one embodiment, an elevator group control system selects an optimal car from a plurality of cars as an assigned car based on a destination floor of a passenger which is registered by a hall destination controller, and makes the assigned car respond to a hall. The elevator group control system includes a notification control unit, and when a door of any of the cars is opened at the hall, the notification control unit notifies at least an elevator name of the car to the passenger who gets in the car. REFER TO FIGURE 6

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012659 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : 6-[5-AMINO-6-(2-ETHOXYETHOXY)-IMIDAZO[4,5-B]PYRIDIN-3-YL]-NICOTINONITRILE DERIVATIVES AND THEIR USE AS IRAK INHIBITORS

(51) International classification	:C07D471/04,A61K31/437,A61P29/00
(31) Priority Document No	:1518456.7
(32) Priority Date	:19/10/2015
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2016/074662 :14/10/2016
(87) International Publication No	:WO 2017/067848
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)GALAPAGOS NV
Address of Applicant :Generaal De Wittelaan L11/A3 2800 Mechelen Belgium
(72)**Name of Inventor :**
1)BRYS Reginald Christophe Xavier
2)GENEY Raphal Jean Jol
3)JONCOUR Agns Marie
4)DOYON Julien Georges Pierre Olivier
5)LABGURE Frdric Gilbert
6)LEFRANCOIS Jean Michel
7)MAMMOLITI Oscar
8)SCHMITT Benot Antoine
9)VAN DER PLAS Steven Emiel
10)MENET Christel Jeanne Marie

(57) Abstract :
The present invention discloses compounds according to Formula (I): wherein R1, R2, and Cy are as defined herein. The present invention relates to compounds inhibiting IRAK family kinases, methods for their production, pharmaceutical compositions comprising the same, and methods of treatment using the same, for the prophylaxis and/or treatment of inflammatory diseases, autoimmune diseases and/or proliferative diseases by administering the compound of the invention.

No. of Pages : 93 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012671 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ANTIBODY/T CELL RECEPTOR CHIMERIC CONSTRUCTS AND USES THEREOF

(51) International classification	:C07K14/725,A61K38/17,A61K35/17
(31) Priority Document No	:62/245944
(32) Priority Date	:23/10/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/058305 :21/10/2016
(87) International Publication No	:WO 2017/070608
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)EUREKA THERAPEUTICS INC.
Address of Applicant :5858 Horton Street Suite 370 Emeryville CA 94608 U.S.A.
(72)**Name of Inventor :**
1)LU Jingwei
2)YANG Zhiyuan
3)LIU Cheng
4)LIU Hong
5)XU Yiyang
6)YAN Su
7)CHAN Vivien Wai fan
8)HORAN Lucas

(57) Abstract :
The present application provides antibody-TCR chimeric constructs comprising an antibody moiety that specifically binds to a target antigen fused to a TCRM capable of recruiting at least one TCR-associated signaling module. Also provided are methods of making and using these constructs.

No. of Pages : 229 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012672 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FLEXIBLE SEALS FOR INSULATED DOORS

(51) International classification :E06B7/23,E06B3/46
(31) Priority Document No :14/936091
(32) Priority Date :09/11/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/060946
Filing Date :08/11/2016
(87) International Publication No :WO 2017/083278
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RITE HITE HOLDING CORPORATION
Address of Applicant :8900 North Arbon Drive Milwaukee Wisconsin 53223 U.S.A.
(72)**Name of Inventor :**
1)LEWAN Derek
2)CASEY Nicholas J.
3)KERN Rodney
4)HOERNER William W.

(57) Abstract :
A seal for a door includes a first mounting rail (308) and a second mounting rail (310) spaced apart from the first mounting rail (308). The seal further includes a flexible sheet (144) extending between the first mounting rail (308) and the second mounting rail (310). The flexible sheet (144) is to be biased away from the first and second mounting rails to sealingly engage the door (102) when the door is in a closed position.

No. of Pages : 17 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012673 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DISPLAY DEVICE AND METHOD OF CONTROLLING SAME

(51) International classification :H04N5/262,G06T3/40
(31) Priority Document No :1020150139638
(32) Priority Date :05/10/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/007769
Filing Date :18/07/2016
(87) International Publication No :WO 2017/061684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea
(72)**Name of Inventor :**
1)KANG Jin sung
2)YONG Jason

(57) Abstract :
A display device of the present invention is characterized by comprising: an image processing unit for processing an image; a display unit for displaying the image processed by the image processing unit; and a control unit for determining the direction of movement of at least one object having mobility within the image and controlling the image processing unit such that at least a partial region of the image is enlarged and displayed on the basis of the determined direction of movement.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012674 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MODERATELY OXIDIZED POLYSACCHARIDE DEPRESSANTS FOR USE IN IRON ORE FLOTATION PROCESSES

(51) International classification :B03D1/008,B03D1/00,B03D1/001
(31) Priority Document No :62/239090
(32) Priority Date :08/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/053700
Filing Date :26/09/2016
(87) International Publication No :WO 2017/062200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KEMIRA OYJ
Address of Applicant :Porkkalankatu 3 FI 00180 Helsinki Finland
(72)**Name of Inventor :**
1)WILSON Duane C.

(57) Abstract :
Depressants comprising a moderately oxidized polysaccharide having about 0.05 to about 4.5 mmol of anionic charge per gram at a pH of about 6 to about 7, or about 0.2 to about 5 mmol of anionic charge per gram at a pH of about 10 to about 11.2, are provided. Also disclosed are processes for enriching a desired mineral from an ore comprising the desired mineral and gangue, wherein the process comprises carrying out a flotation process in the presence of one or more of the depressants.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012675 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : WIRELESS POWER TRANSMISSION METHOD AND DEVICE

(51) International classification :H02J50/80,H02J7/02
(31) Priority Document No :1020150127849
(32) Priority Date :09/09/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/010190
Filing Date :09/09/2016
(87) International Publication No :WO 2017/043925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea
(72)**Name of Inventor :**
1)KIM Bong Chul
2)KIM Do Won

(57) Abstract :
The present invention relates to a wireless power transmission method and device. The present invention may provide a method for wirelessly transmitting power by a wireless power transmitter the method comprising the steps of: transmitting to a wireless power receiver power having a first level which is determined on the basis of the maximum load power level of a load electrically connected to the wireless power receiver; receiving information on a usage load power level according to a change in the load level of the load from the wireless power receiver; and controlling the level of power transmitted to the wireless power receiver according to the received information on the usage load power level.

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012689 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SKIN CARE COMPOSITIONS

(51) International classification :A61K8/29,A61Q17/04,A61K8/81
(31) Priority Document No :62/233480
(32) Priority Date :28/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/048257
Filing Date :24/08/2016
(87) International Publication No :WO 2017/058404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROHM AND HAAS COMPANY
Address of Applicant :100 Independence Mall West Philadelphia PA 19106 U.S.A.
(72)**Name of Inventor :**
1)JOSHI Kinjalbahen
2)ZENG Fanwen
3)COOPER Beth

(57) Abstract :
Provided are skin care compositions that are useful as SPF and UV absorption boosters in formulations containing inorganic metal oxides. The compositions comprise (a) (a) copolymer particles; (b) voided latex particles; (c) inorganic metal oxide particles; and (d) one or more dermatologically acceptable carriers. Also provided are methods of protecting skin from UVA and UVB damage comprising topically administering such compositions to the skin and methods of boosting the SPF or UV absorption of a sunscreen composition containing inorganic metal oxide particles comprising including such copolymer particles and voided latex particles in the composition.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012690 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR REGENERATING AN ACRYLIC RESIN

(51) International classification :C02F1/42,B01J49/00
(31) Priority Document No :62/218764
(32) Priority Date :15/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051581
Filing Date :14/09/2016
(87) International Publication No :WO 2017/048749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A.
2)ROHM AND HAAS COMPANY
(72)**Name of Inventor :**
1)SLAGT J. Marc
2)SCHULTZ Alfred K.

(57) Abstract :
Provided is a method of regenerating an acrylic resin (B2), comprising (A) providing a collection of particles of acrylic resin (B2) that has calculated Hansch parameter of -1.0 to 2.5, wherein one or more humic acid, one or more fulvic acid, or a mixture thereof, is adsorbed onto said acrylic resin (B2), and (B) bringing said collection of particles of acrylic resin (B2) into contact with an aqueous solution (RB) having pH of 10 or higher, to form a mixture B2RB, (C) then separating acrylic resin (B4) from said mixture B2RB.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012691 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PEELABLE CABLE JACKET HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING PEELABLE CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES

(51) International classification :H01B7/285,H01B7/18,H01B7/38
(31) Priority Document No :62/233624
(32) Priority Date :28/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/050354
Filing Date :06/09/2016
(87) International Publication No :WO 2017/058472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)**Name of Inventor :**
1)ESSEGHIR Mohamed
2)HUANG Wenyi
3)KMIEC Chester J.

(57) Abstract :
Coated conductors comprising a conductor and a peelable polymeric coating at least partially surrounding the conductor, where the peelable polymeric coating comprises from 1 to 8 microcapillaries which comprise a low-viscosity filler material. Also disclosed are methods for making such coated conductors.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012692 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD OF REGENERATING AN ACRYLIC RESIN

(51) International classification :C02F1/42,B01J49/00
(31) Priority Document No :62/218753
(32) Priority Date :15/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051580
Filing Date :14/09/2016
(87) International Publication No :WO 2017/048748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A.
2)ROHM AND HAAS COMPANY
(72)**Name of Inventor :**
1)SLAGT J. Marc
2)SCHULTZ Alfred K.

(57) Abstract :
Provided is a method of regenerating an acrylic resin (B2) comprising (A) providing a collection of particles of acrylic resin (B2) that has calculated Hansch parameter of 1.0 to 2.5 wherein one or more humic acid one or more fulvic acid or a mixture thereof is adsorbed onto said acrylic resin (B2) and (B) bringing said collection of particles of acrylic resin (B2) into contact with an aqueous solution (RA) having pH of 4 or lower to form a mixture B2RA (C) then separating acrylic resin (B3) from said mixture B2RA.

No. of Pages : 24 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012706 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DATA TRANSMISSION METHOD AND APPARATUS

(51) International classification	:H04W52/02,H04W8/24,H04W88/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/CN2015/093025 :28/10/2015
(87) International Publication No	:WO 2017/070857
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)DENG Qiang
2)ZHANG Wanqiang
3)HUANG Zhenglei

(57) Abstract :
A data transmission method provided in embodiments of the present invention includes: determining, by a mobility management entity MME, that user equipment UE changes from an unreachable state to a reachable state; sending, by the MME, a request message to a serving gateway SGW; receiving, by the MME, downlink data sent by the SGW; and sending, by the MME, the downlink data to the UE. In this way, when the UE changes to a reachable state for downlink data, the MME requests the SGW to send the downlink data, and the MME then sends the downlink data to the UE, thereby avoiding loss of the downlink data caused by delivery of the downlink data to the UE that is in an unreachable state, and improving real-time accuracy of transmission.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012710 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : RC MEMBER JOINING STRUCTURE

(51) International classification :E04B1/58,E04B1/16,E04B1/21
(31) Priority Document No :2015198054
(32) Priority Date :05/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/079452
Filing Date :04/10/2016
(87) International Publication No :WO 2017/061413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHIMIZU CORPORATION
Address of Applicant :16 1 Kyobashi 2 chome Chuo ku Tokyo 1048370 Japan
(72)**Name of Inventor :**
1)KANEMOTO Kiyo omi
2)YAMANOBE Koji

(57) Abstract :
In this RC member joining structure one RC member is formed such that a main reinforcement extends outward from a joining end surface and the other RC member is a column and is formed with a sheath pipe embedded therein so as to be parallel to the main reinforcement and open on a joining end surface the main reinforcement of the one RC member is inserted into the sheath pipe and a grout material is filled into the sheath pipe and the main reinforcement of the one RC member and the main reinforcement of the other RC member are connected by means of a noncontact lap splice wherein said reinforcements overlap with a space therebetween. This RC member joining structure is configured by calculating the splice length obtained by bonding confirming that there is no flexural yielding in a cross section of a splice end point and calculating a horizontal reinforcing bar amount required for a splice section.

No. of Pages : 31 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012713 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SUPPRESSION AND REGENERATION PROMOTING EFFECT OF LOW MOLECULAR WEIGHT COMPOUND ON CANCER AND FIBROSIS

(51) International classification :C07D487/04,A61K31/085,A61K31/513
(31) Priority Document No :2015185988
(32) Priority Date :18/09/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/077475
Filing Date :16/09/2016
(87) International Publication No :WO 2017/047762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY
Address of Applicant :101 Koyamacho Minami 4 chome Tottori shi Tottori 6808550 Japan
2)KANONCURE INC.
(72)**Name of Inventor :**
1)SHIOTA Goshi
2)ITABA Noriko
3)MORIMOTO Minoru
4)OKA Hiroyuki
5)ABE Kenichiro
6)SHIMIZU Hiroki
7)KOUNO Yohei
8)YOKOGI Satoshi

(57) Abstract :
The purpose of the present invention is to obtain a novel treatment drug for a malignant tumor or fibrosis. The present invention uses the compounds expressed in formula (1) or salts thereof or solvates thereof. Or the present invention uses a treatment drug for a malignant tumor or a treatment drug for fibrosis that includes the compounds expressed in formula (1) or salts thereof or solvates thereof.

No. of Pages : 52 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012725 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CHANNEL MEASUREMENT AND MEASUREMENT RESULT REPORTING METHOD AND DEVICE UTILIZING SAME

(51) International classification :H04W72/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2015/089392
Filing Date :10/09/2015
(87) International Publication No :WO 2017/041274
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP. LTD.
Address of Applicant :NO.18Haibin Road Wusha Changan Dongguan Guangdong 523860 China
(72)**Name of Inventor :**
1)FENG Bin
2)TANG Hai

(57) Abstract :
The embodiments of the invention provide a channel measurement and measurement result reporting method and a devices utilizing the same. The method comprises: performing by a terminal apparatus according to configuration information a measurement on a channel of an unlicensed frequency band wherein the terminal apparatus is operated in an idle state; and transmitting by the terminal apparatus to network equipment a measurement result of the measurement performed on the channel of the unlicensed frequency band. When the network equipment configures the channel of the unlicensed frequency band to be a secondary carrier of the terminal apparatus a number of signaling exchange between the terminal apparatus and the network equipment can be reduced decreasing signaling overhead and increasing an access speed and access efficiency by adopting the carrier of the channel of the unlicensed frequency band.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012732 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TOOL FOR FIXING A TEXTILE SLEEVE ABOUT AN ELONGATE MEMBER TO BE PROTECTED AND METHOD OF USE THEREOF

(51) International classification	:H02G15/18,F23D99/00
(31) Priority Document No	:62/235767
(32) Priority Date	:01/10/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/055075 :01/10/2016
(87) International Publication No	:WO 2017/059398
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)FEDERAL MOGUL POWERTRAIN LLC
Address of Applicant :27300 West 11 Mile Road Southfield MI 48034 U.S.A.
(72)**Name of Inventor :**
1)YAMAGUCHI Hiroki
2)FUKUYAMA Shozo

(57) Abstract :
A too! for fixing a protective textile sleeve about an elongate member contained therein and method of use thereof is provided. The tool includes a clamp assembly having opposed clamp members attached to one another for pivotal movement relative to one another between an open state and a closed state. The clamp members have clamping surfaces, wherein at least one of the clamping surfaces has at least one outlet, A fluid source is arranged in fluid communication with the at least one outlet, and a heat source is configured to heat fluid from the fluid source to create steam. The steam is dispensed outwardly from the at least one outlet to cause an adhesive on the sleeve to become activated to bond with an adjacent abutting surface.

No. of Pages : 13 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012733 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ADJUNCTIVE THERAPY WITH 25 HYDROXYVITAMIN D AND ARTICLES THEREFOR

(51) International classification :A61K31/137,A61K31/592,A61K31/593
(31) Priority Document No :14/866155
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/052866
Filing Date :10/02/2016
(87) International Publication No :WO 2017/050438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OPKO IRELAND GLOBAL HOLDINGS LTD.
Address of Applicant :10 Market Street #721 Camana Bay Grand Cayman KY1 9006 Cayman Islands Cayman Island
(72)**Name of Inventor :**
1)MELNICK Joel Z.
2)WHITE Jay A.
3)PETKOVICH P. Martin
4)TABASH Samir P
5)BISHOP Charles W
6)PEERS Susan H
7)STRUGNELL Stephen A

(57) Abstract :
Methods, compositions, and kits for adjunctive therapy using 25-hydroxyvitamin D are disclosed. The 25-hydroxyvitamin D may be administered with an agent that increases the risk of hypocalcemia, such as cinacalcet or a pharmaceutically acceptable salt thereof,and/or an anticancer agent. The adjunctive therapy is effective to treat and prevent iatrogenic hypocalcemia and/or secondary hyperparathyroidism, as well as delay cancer progression and the time to a post-treatment skeletal related event.

No. of Pages : 61 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012735 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELECTRONIC BRAKE PRESSURE CONTROL SYSTEM

(51) International classification :B60T8/17,B60T8/1755,B60T8/36
(31) Priority Document No :10 2015 220 286.0
(32) Priority Date :19/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/072361
Filing Date :21/09/2016
(87) International Publication No :WO 2017/067730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)STEMMLER Michael

(57) Abstract :
The invention relates to an electronic brake pressure control system for vehicles. Brake pressure control systems of such vehicles comprise an anti lock brake device and can optionally be extended with a vehicle movement dynamics control device. The latter comprises dynamics control electronics (20) which are as is known attached to the vehicle separately from the anti lock brake device and connected to the brake pressure control unit (14) of the anti lock brake device via a line connection. However by means of their positioning on the vehicle the dynamics control electronics (20) can be decoupled only in the case of vehicle side interference vibrations. According to the invention the dynamics control electronics (20) are attached to a pressure medium assembly (10) of the brake pressure control system and form with the pressure medium assembly (10) a structural unit which can be pre assembled and secured to the vehicle. In this the dynamics control attracts (20) are effectively isolated from little side interference vibrations and brake pressure control systems with or without vehicle movement dynamics control can be made available commercially in parallel and in a cost effective way despite respective small individual production numbers. The expenditure on mounting on the vehicle is independent of the scope of equipment of the brake pressure control system.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201817012746 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HUMID AIR STREAM GENERATOR

(51) International classification :F24F6/18
(31) Priority Document No :PCT/CN2015/091978
(32) Priority Date :15/10/2015
(33) Name of priority country :China
(86) International Application No :PCT/CN2016/102048
Filing Date :13/10/2016
(87) International Publication No :WO 2017/063579
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ESD TECHNOLOGY CONSULTING And LICENSING CO. LTD.
Address of Applicant :A 2717 Kaisa Center No.66 of Nanyuan Road Futian District Shenzhen Guangdong 518031 China
(72)**Name of Inventor :**
1)KOW Kek Hing

(57) Abstract :
A humid air stream generator is disclosed. The humid air stream generator comprises a hollow cylindrical chamber (2) with a mist generator (21) placed inside at the bottom of the hollow cylindrical chamber (2) for generating a continuous stream of humid air an inlet tubing (22) attached to the hollow cylindrical chamber (2) for feeding a stream of incoming air an outlet tubing (8) attached to the hollow cylindrical chamber (2) a suction fan (4) placed between the outlet tubing (8) and the mist generator (21) for forming the continuous stream of humid air with the stream of incoming air into a cyclonic air flow which spiral upward towards the outlet tubing (8) so as to eliminate accumulation of water droplets or condensation at an outlet region of the hollow cylindrical chamber (2).

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012752 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TRAMPOLINE

(51) International classification :A63B5/11,F16B7/04
(31) Priority Document No :10 2015 116 819.7
(32) Priority Date :04/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/073434
Filing Date :30/09/2016
(87) International Publication No :WO 2017/032907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BELLICON AG
Address of Applicant :Moosstrasse 1 6003 Luzern Switzerland
(72)**Name of Inventor :**
1)FISCHER Stefanie
2)BIRZELE Martin

(57) Abstract :
The invention relates to a trampoline having a circumferential frame (1) a bounce mat which is elastically suspended on the frame (1) a guide (7) which is attached to the frame (1) a bar (5) which is height adjustably accommodated in the guide (7) and an internal piece (12) which is movably accommodated in the guide (7). The bar (5) is secured by a relative movement between the internal piece (7) and the guide (12). The invention provides high clamping power.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012779 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : VALVE

(51) International classification :F16K27/00,F16K17/06
(31) Priority Document No :2015210484
(32) Priority Date :27/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/081528
Filing Date :25/10/2016
(87) International Publication No :WO 2017/073541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KYB CORPORATION
Address of Applicant :World Trade Center Bldg. 4 1 Hamamatsu cho 2 chome Minato ku Tokyo 1056111 Japan
(72)**Name of Inventor :**
1)OGAWA Takayuki
2)KOUGE Takuya

(57) Abstract :
A valve (V) in the means for solving the problem addressed by the present invention is provided with a housing (H) which has a hollow portion (1) a first sleeve (2) and a second sleeve (3) which are inserted in series into the hollow portion (1) a first spool (4) which is housed inside of the first sleeve (2) a second spool (5) which is housed inside of the second sleeve (3) and a stopper (6) which is mounted in the open end of the housing (H).

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012780 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : VALVE

(51) International classification :F16K27/00,F16K17/06
(31) Priority Document No :2015210485
(32) Priority Date :27/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/081529
Filing Date :25/10/2016
(87) International Publication No :WO 2017/073542
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KYB CORPORATION
Address of Applicant :World Trade Center Bldg. 4 1 Hamamatsu cho 2 chome Minato ku Tokyo 1056111 Japan
(72)**Name of Inventor :**
1)OGAWA Takayuki

(57) Abstract :
The means for solving the problem addressed by the present invention is provided with a housing (H) which has a hollow portion (1) a first sleeve (2) and a second sleeve (3) which are inserted in series into the hollow portion (1) a first spool (4) which is housed inside of the first sleeve (2) and a second spool (5) which is housed inside of the second sleeve (3). Further the second spool (3) is provided with a positioning part (3b) which axially positions said second spool with respect to the housing (H) a fixing part (3d) which is fixed to the housing (H) and a spool hole (Sh) which is disposed outside of the range between the positioning part (3b) and the fixing part (3d).

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012781 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HYDRAULIC DEVICE

(51) International classification :F15B15/18,F15B15/14,F16F9/32
(31) Priority Document No :2015210386
(32) Priority Date :27/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/081527
Filing Date :25/10/2016
(87) International Publication No :WO 2017/073540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KYB CORPORATION
Address of Applicant :World Trade Center Bldg. 4 1 Hamamatsu cho 2 chome Minato ku Tokyo 1056111 Japan
(72)**Name of Inventor :**
1)OGAWA Takayuki
2)KOUGE Takuya

(57) Abstract :
This hydraulic device is provided with a cylinder main body (S) which comprises a cylinder (1) and a rod (2) that moves retractably into the cylinder (1), and with a pump unit (30) in which an oil path (31) is formed and which, from the oil path (31), discharges a liquid into the cylinder (1) by driving action of a motor (M), wherein the cylinder main body (S) and the pump unit (30) are linked via an extension (40) having an oil path (41) which communicates inside the cylinder (1) with the oil path (31) in the pump unit (30).

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012782 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ENDLESS BELT ENERGY CONVERTER

(51) International classification :F03B17/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2015/058672
Filing Date :10/11/2015
(87) International Publication No :WO 2017/081510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GARDNER Nicholas Bertram
Address of Applicant :2 Hathaway Close Chisipite Harare Zimbabwe
(72)**Name of Inventor :**
1)GARDNER Nicholas Bertram

(57) Abstract :
A hydro kinetic turbine comprising concave partially enclosed blades acting around 3 axes in linear motion for the conversion of renewable energy from bodies of water.

No. of Pages : 5 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012783 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AND USES THEREOF

(51) International classification :C07D471/04,A61K31/506,A61P35/00
(31) Priority Document No :62/221508
(32) Priority Date :21/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052538
Filing Date :19/09/2016
(87) International Publication No :WO 2017/053243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PLEXXIKON INC.
Address of Applicant :91 Bolivar Drive Suite A Berkeley California 94710 U.S.A.
(72)**Name of Inventor :**
1)IBRAHIM Prabha N.
2)SPEVAK Wayne
3)ZHANG Jiazhong
4)SHI Songyuan
5)POWELL Ben
6)MA Yan

(57) Abstract :
Provided herein are heterocyclic compounds of Formula (I), pharmaceutical compositions containing such a compound and their therapeutic uses, methods for their preparation, intermediate compounds, pharmaceutical compositions containing such a compound, and their therapeutic uses.

No. of Pages : 66 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012784 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COPYRIGHT DATABASE AND COPYRIGHT TRADING METHOD ON INTERNET

(51) International classification :G06Q50/18,G06Q30/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/KR2015/009506
Filing Date :09/09/2015
(87) International Publication No :WO 2017/043674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LEE Jun Sung
Address of Applicant :Yulgok dong Amcotown The Planet 111 dong 2002ho 9 Yongjeaon 1 ro Gimcheon si Gyeongsangbuk do 39660 Republic of Korea
(72)**Name of Inventor :**
1)LEE Jun Sung

(57) Abstract :
The present invention relates to a copyright database and copyright trading. Provided are a system and a method for trading a copyright the system receiving copyright information from a copyright database displaying a work of a copyright holder to a copyright user providing information between the copyright holder and the user and performing trading therebetween.

No. of Pages : 4 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2017
(21) Application No.201714014960 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PAPER TEXTILE YARN PACKAGE AND BLANK

(51) International classification :D02G
(31) Priority Document No :15/405,872
(32) Priority Date :13/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Conitex-Sonoco U.S.A.
Address of Applicant :1302 Industrial Pike, Gastonia, North Carolina 28052, United States of America U.S.A.
(72)**Name of Inventor :**
1)PHU, Vo Van

(57) Abstract :
A textile paper yam package that has a hollow body with opposing open ends, and formed of a paper blank having an outer end edge positioned on an exterior surface of the body and an inner end edge positioned on an interior surface of the body. The outer end edge of the paper blank forms a lap seam that extends in a spiral shape around a predetermined extent of the exterior of the body as it extends between the opposing open ends of the body of the package.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012789 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FORMED FILM ACQUISTION DISTRIBUTION LAYER AND ABSORPTIVE DEVICE THEREWITH

(51) International classification :A61F5/44,A61F13/49,B32B3/24
(31) Priority Document No :62/243964
(32) Priority Date :20/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/057930
Filing Date :20/10/2016
(87) International Publication No :WO 2017/070357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TREDEGAR FILM PRODUCTS CORPORATION
Address of Applicant :1100 Boulders Parkway Richmond Virginia 23225 U.S.A.
(72)**Name of Inventor :**
1)THOMAS Paul Eugene

(57) Abstract :
An absorptive device includes a topsheet a backsheet an absorbent core between the topsheet and the backsheet and an acquisition distribution layer between the topsheet and the absorbent core. The acquisition distribution layer includes a formed film having a plurality of lands that contact a bottom surface of the topsheet and define an irregular array of cells

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012790 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DIHYDROIMIDAZOPYRAZINONE DERIVATIVES USEFUL IN THE TREATMENT OF CANCER

(51) International classification :C07D487/04,A61K31/4985,A61P35/00
(31) Priority Document No :62/252726
(32) Priority Date :09/11/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/076932
Filing Date :08/11/2016
(87) International Publication No :WO 2017/080979
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASTRAZENECA AB
Address of Applicant :151 85 Sdertlje Sweden
(72)**Name of Inventor :**
1)WARD Richard Andrew
2)JONES Clifford David
3)SWALLOW Steven
4)GRAHAM Mark Andrew
5)DOBSON Andrew Hornby
6)MCCABE James Francis

(57) Abstract :
The present disclosure concerns compounds of Formula (I) or pharmaceutically-acceptable salts thereof, wherein R1, R2 and R3 have any of the meanings defined hereinbefore in the description; processes for their preparation, pharmaceutical compositions containing them and their use in the treatment of cancer.

No. of Pages : 195 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012796 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR MINIMISING A NETWORK FEEDBACK OF A PV PARK INVERTER AND PV PARK

(51) International classification :H02J3/18,H02J3/38
(31) Priority Document No :10 2015 115 957.0
(32) Priority Date :22/09/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/071152
Filing Date :08/09/2016
(87) International Publication No :WO 2017/050585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SMA SOLAR TECHNOLOGY AG
Address of Applicant :Sonnenallee 1 34266 Niestetal Germany
(72)**Name of Inventor :**
1)MENDE Denis
2)BUELO Thorsten

(57) Abstract :
The invention relates to a method for minimising a network feedback of a PV park (10) on an energy supply network connected to a network connection point, wherein the PV park (10) comprises a plurality of inverters (1-8) divided into groups (12, 13). In the method, for at least one first inverter (2, 3, 7) of each group (12, 13), a first parameter is determined which is representative of a first coupling impedance (ZT 2, ZT 3, ZT 7) between the first inverter and the network connection point, and a second parameter is determined which is representative of a second coupling impedance (ZN 2, ZN 3, ZN 7) between the group (12, 13) containing the first inverter (2, 3, 7) and the network connection point, and stored in an operation control unit of the first inverter. During a daytime operation of the PV park (10), reactive power supplied via the first inverter (2, 3, 7) in accordance with the first parameter, which corresponds to the magnitude of a reactive power received by the respective underlying first coupling impedance (ZT 2, ZT 3, ZT 7). During a night-time operation, all inverters of a group (12, 13), except the first inverter (2, 3, 7), are deactivated and reactive power is supplied via the first inverter (2, 3, 7) in accordance with the second parameter, wherein the supplied reactive power corresponds to the magnitude of a reactive power received by the respective underlying second coupling impedance (ZN 2, ZN 3, ZN 7). The invention also relates to a correspondingly configured inverter (2, 3, 7), as well as a corresponding PV park (10).

No. of Pages : 10 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012797 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AIR CLEANER

(51) International classification :B03C3/45,B03C3/02,B03C3/40
(31) Priority Document No :2015178005
(32) Priority Date :09/09/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/076508
Filing Date :08/09/2016
(87) International Publication No :WO 2017/043599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CREATIVE TECHNOLOGY CORPORATION
Address of Applicant :507 1 Kamisakunobe Takatsu ku Kawasaki shi Kanagawa 2130034 Japan
(72)**Name of Inventor :**
1)LUO Li
2)TATSUMI Yoshiaki
3)TSUBOI Kazuki

(57) Abstract :
Provided is an air cleaner that can take air in a wider range into a dust collector and can have attached a small dust collector without dropout of dust from the dust collector. An air cleaner 1-1 is provided with a flying body 2 and dust collectors 4-1 - 4-4. The flying body 2 is a drone and has a main body unit 20 and propellers 21 - 24 attached to the tips of frames 25 - 28. Each of the dust collectors 4-1 (4-2 - 4-4) is constituted of a cylindrical adsorption unit 40A - 40C assembled to the propeller 21 (22 - 24), and a power supply unit 31 and a booster unit 33 within the main body unit 20. Each adsorption unit 40A (40B, 40C) is formed from a dielectric 41 and an electrode 42 within the dielectric 41. The electrodes 42, 42, 42 of the adsorption units 40A, 40B, 40C are connected to the booster unit 33 via respective wiring 33a, 33b, 33c, and the power supply unit 31 is connected to the booster unit 33.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012802 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS FOR WARM FORMING AN AGE HARDENABLE ALUMINUM ALLOY IN T4 TEMPER

(51) International classification :C22C21/00,C22C21/06,C22C21/08
(31) Priority Document No :62/239014
(32) Priority Date :08/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/055405
Filing Date :05/10/2016
(87) International Publication No :WO 2017/062398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVELIS INC.
Address of Applicant :3560 Lenox Road Suite 2000 Atlanta Georgia 30326 U.S.A.
(72)**Name of Inventor :**
1)BASSI Corrado
2)COMBAZ Etienne
3)DESPOIS Aude
4)ROMAIN Pasquier
5)FUMEAUX Maude
6)RICHARD Julie

(57) Abstract :
Described are processes for shaping age hardenable aluminum alloys, such as 2XXX, 6XXX and 7XXX aluminum alloys in T4 temper, or articles made of such alloys, including aluminum alloy sheets. The processes involve heating the sheet or article before and/or concurrently with a forming step. The sheet is heated to a specified temperature in the range of 100-600°C at a specified heating rate within the range of 3-600°C/s, for example 3-90°C/s. Such a combination of temperature and heating rate results in an advantageous combination of sheet properties.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012803 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : OPTIMIZATION OF ALUMINUM HOT WORKING

(51) International classification :C22C21/10,C22F1/053
(31) Priority Document No :62/238960
(32) Priority Date :08/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/053898
Filing Date :27/09/2016
(87) International Publication No :WO 2017/062225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVELIS INC.
Address of Applicant :3560 Lenox Road Suite 2000 Atlanta Georgia 30326 U.S.A.
(72)**Name of Inventor :**
1)MOHANTY Rashmi Ranjan
2)BENDZINSKI Duane E.
3)KULKARNI Rahul Vilas

(57) Abstract :
A method of hot forming an aluminum alloy component includes heating the aluminum alloy component in a heating furnace to a solutionizing temperature cooling the aluminum alloy component to a desired forming temperature deforming the aluminum alloy component into a desired shape in a forming device while the aluminum alloy component is at the desired forming temperature maintaining a constant temperature during the deformation of the aluminum alloy component and quenching the aluminum alloy component to a low temperature below a solvus temperature.

No. of Pages : 16 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012804 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : STRUCTURAL ADHESIVE COMPOSITIONS

(51) International classification :C08K5/17,C09J161/06,C09J163/00
(31) Priority Document No :14/887353
(32) Priority Date :20/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/057498
Filing Date :18/10/2016
(87) International Publication No :WO 2017/070097
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PPG INDUSTRIES OHIO INC.
Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A.
(72)**Name of Inventor :**
1)NAKAJIMA Masayuki
2)ZHOU Hongying
3)CHAO Tien Chieh
4)SWARUP Shanti

(57) Abstract :
An adhesive composition is disclosed. The adhesive composition comprises an epoxy containing component; rubber particles having a core shell structure; and a curing component comprising a mixture of an amine containing compound substantially free of hydroxyl functional groups and a polymeric phenol containing compound wherein the amine containing compound comprises primary and/or secondary amino groups and wherein the curing component chemically reacts with the epoxy containing component upon activation from an external energy source. Also disclosed are methods of preparing the adhesive composition and for forming a bonded substrate with the adhesive composition. Further disclosed are curing components for an adhesive composition and methods of making the curing components.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012807 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : STRUCTURAL MEMBER AND VEHICLE

(51) International classification	:B62D25/04,B62D25/06,B62D25/20
(31) Priority Document No	:2015200974
(32) Priority Date	:09/10/2015
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2016/080113 :11/10/2016
(87) International Publication No	:WO 2017/061631
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)NIPPON STEEL And SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)HIROSE Satoshi
2)ISHIMORI Yuichi
3)FUKUCHI Hiroshi

(57) Abstract :
This structural member (10) is equipped with a hat member (1) and a closing plate (2). The hat member (1) has a top surface (1a); a pair of side walls (1b) extending from each end of the top surface (1a); and flanges (1c). The closing plate (2) is provided in contact with the pair of flanges (1c). Each of the pair of side walls (1b) has a low-strength region (1s) between one end of the side wall (1b) and a position of distance Sh therefrom. The distance Sh is 20 to 40% of the height H of the side wall (1b). The yield strength in the low-strength region (1s) is 60 to 85% of the yield strength in the position (1mid) that is one-half the height of the side wall (1b).

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012810 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHODS FOR QUANTIFYING N METHYL 2 PYRROLIDONE

(51) International classification :G01N30/88,G01N30/64
(31) Priority Document No :62/243934
(32) Priority Date :20/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2016/056280
Filing Date :19/10/2016
(87) International Publication No :WO 2017/068508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SABIC GLOBAL TECHNOLOGIES B.V.
Address of Applicant :Plasticslaan 1 4612 PX Bergen op Zoom Netherlands
(72)**Name of Inventor :**
1)PATEL Prakash Vallabhbhai
2)AL REZHAN Mohammed Hussain
3)AL GHAMDI Mohammed S.

(57) Abstract :
The presently disclosed subject matter relates to methods for quantifying the amount of N-methyl-2-pyrrolidone (NMP) in a sample. In one exemplary embodiment, a method for the quantification of N-methyl-2-pyrrolidone (NMP) in a sample includes introducing a sample that includes 1,3-butadiene and NMP, if any, into a gas chromatography system coupled to a nitrogen phosphorous detector to produce a first signal; and comparing the first signal to a second signal produced from a standard of a known NMP concentration, to quantify the amount of NMP in the sample, where the sample is not concentrated for NMP prior to the introduction of the sample into the gas chromatography system.

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012811 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FACILITATED DETAILING FOR PRE APPLIED WATERPROOFING MEMBRANES

(51) International classification :E04B1/66
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2015/052814
Filing Date :29/09/2015
(87) International Publication No :WO 2017/058154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GCP APPLIED TECHNOLOGIES INC.
Address of Applicant :62 Whittemore Avenue Cambridge MA 02140 U.S.A.
(72)**Name of Inventor :**
1)CHEN Huhe
2)DING Hongmei
3)XIN Lijun
4)WIERCINSKI Robert A.

(57) Abstract :
The invention provides a waterproofing membrane which does not require a removable release sheet but which nevertheless bonds to post cast concrete and facilitates water tight sealing at membrane to membrane overlaps. The waterproofing membrane comprises a carrier and pressure sensitive adhesive (PSA) layers an inorganic particle layer having particulate bodies which are partially embedded in the PSA and which have an average particle size less than the average thickness of the PSA layer and an anti submarining nano silica containing coating layer attached to un embedded portions of the inorganic particles to prevent total embedding into the PSA when the membrane is rolled or unrolled whereby water tight seams are facilitated between overlapped portions of adjacently installed waterproofing membranes and whereby the water tight seam is achieved preferably using only detailing or waterproofing tape and without the additional use of a liquid primer mastic or other coating.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012812 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TURBINE RING ASSEMBLY WITH AXIAL RETENTION

(51) International classification :F01D11/00,F01D25/24,F01D9/04
(31) Priority Document No :1559457
(32) Priority Date :05/10/2015
(33) Name of priority country :France
(86) International Application No :PCT/FR2016/052538
Filing Date :04/10/2016
(87) International Publication No :WO 2017/060604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAFRAN AIRCRAFT ENGINES
Address of Applicant :2 Boulevard du Gnral Martial Valin 75015 Paris France
(72)**Name of Inventor :**
1)QUENNEHEN Lucien Henri Jacques
2)CONGRATEL Sebastien, Serge Francis
3)DUFF AU, Clement, Jean,
4)SIMON Matthieu

(57) Abstract :
The invention relates to a turbine ring assembly including a plurality of ring sectors (10) forming a turbine ring (1), and a ring support structure (3) including an upstream ring-shaped flange (32) and a downstream ring-shaped flange (36), each ring sector (10) including a first horizontal sealing tab (21), an upstream vertical sealing tab (22) and a first downstream vertical sealing tab (23). Each ring sector (10) further includes a second horizontal sealing tab (20) above the first horizontal sealing tab (21) in the radial direction of the ring. A first angled sealing element (24) is housed in both a vertical groove (42) in the upstream lug (14) and a second horizontal groove (40), while a second angled sealing element (25) is housed in both a first horizontal groove (41) and a first vertical groove (43) in the downstream lug (16).

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012813 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PRODUCING CALCIUM PHOSPHATE COMPOSITIONS

(51) International classification :C01B25/32,C01F11/06
(31) Priority Document No :62/232999
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2016/055756
Filing Date :26/09/2016
(87) International Publication No :WO 2017/051399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLEAN WORLD TECHNOLOGIES LTD.
Address of Applicant :Suite 205A Saffrey Square Bay Street P.O. Box N 9934 Nassau Bahamas
(72)**Name of Inventor :**
1)DE OLIVEIRA Lupercio Tarcisio

(57) Abstract :
The disclosure features methods that include obtaining a first calcium hydroxide solution that includes a first concentration of calcium ions and a second calcium hydroxide solution that includes a second concentration of calcium ions, adding a phosphoric acid solution to the first calcium hydroxide solution to generate a combined solution featuring an aqueous suspension of calcium dihydrogen phosphate particles, and adding the second calcium hydroxide solution to the combined solution to form a product solution that includes an aqueous suspension of particles of a calcium phosphate composition.

No. of Pages : 60 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012831 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TURBINE WITH QUICK CLOSING VALVES AND REGULATING VALVES

(51) International classification :F01D17/14
(31) Priority Document No :10 2015 221 311.0
(32) Priority Date :30/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/073604
Filing Date :04/10/2016
(87) International Publication No :WO 2017/071912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Werner von Siemens Strae 1 80333 Mnchen Germany
(72)**Name of Inventor :**
1)MAHALEK Michael

(57) Abstract :
The invention relates to a turbine (1) having a turbine regulating unit (2), a turbine protection unit (3), at least one safety block (38), quick-closing valves (5) and regulating valves (6), wherein the quick-closing valves (5) and the regulating valves (6) can be actuated by means of associated switching and setting drives (15, 41), characterized in that the at least one safety block (38) is a pneumatic safety block, and in that at least one switching drive (15) for direct or indirect actuation of a quick-closing valve (5) is a pneumatic switching drive. The invention also relates to a method for retrofitting an existing turbine having a turbine protection unit (3), a turbine regulating unit (2), a hydraulic safety block, quick-closing valves (5) and regulating valves (6), wherein the quick-closing valves (5) can be actuated directly or indirectly by means of associated hydraulic switching drives, characterized in that at least one hydraulic switching drive of a quick-closing valve (5) is replaced with a pneumatic switching drive (15), and in that there is provided a pneumatic safety block (38) which at least partially replaces the functions of the hydraulic safety block.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012833 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AUTOINJECTOR

(51) International classification :A61M5/31,A61M5/32,A24F47/00
(31) Priority Document No :1560861
(32) Priority Date :13/11/2015
(33) Name of priority country :France
(86) International Application No :PCT/FR2016/052924
Filing Date :10/11/2016
(87) International Publication No :WO 2017/081421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APTAR FRANCE SAS
Address of Applicant :Lieudit Le Prieure 27110 Le Neubourg France
(72)**Name of Inventor :**
1)SAUSSAYE Anthony
2)FOUCAULT Franck

(57) Abstract :
The invention relates to an autoinjector comprising a body (1) with an approximately cylindrical general shape that is capable of housing a reservoir containing a fluid product and comprising a plunger (P) and a needle, such as a pre-filled syringe, said body (1) comprising a distal portion, a median portion and a proximal portion, a removable cap (20) being secured, prior to the use of the autoinjector, to said proximal portion of said body (1), wherein said median portion of said body (1) has an approximately cylindrical general shape and comprises first anti-rolling means (125), such as at least one radial projection, forming at least one non-cylindrical median area in the outer profile of said median portion of said body (1); and said removable cap (20) has an approximately cylindrical general shape and comprises second anti-rolling means (21) forming at least one non-cylindrical proximal area in the outer profile of said removable cap (20); and/or said distal portion of said body (1) has an approximately cylindrical general shape and comprises third anti-rolling means (115), such as at least one radial projection, forming at least one non-cylindrical distal area in the outer profile of said distal portion of said body (1).

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012835 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DISPLAY APPARATUS AND CONTROL METHOD FOR THE SAME

(51) International classification :G09F9/00,G09F9/30,G06F3/01
(31) Priority Document No :1020150154689
(32) Priority Date :04/11/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/006291
Filing Date :14/06/2016
(87) International Publication No :WO 2017/078236
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea
(72)**Name of Inventor :**
1)KIM Kwang Youn
2)AHN Joon Seok
3)YONG Seok Woo
4)YOO Jun Mo
5)CHOI Jung Hwa

(57) Abstract :
A display apparatus capable of controlling a curvature of a viewing area in which a broadcast image is displayed and a curvature of an area except the viewing area to be different from each other, and a control method of the same. A display apparatus includes a display; and a driving device configured to change a curvature of the display, wherein the driving device may control a curvature of a viewing area and a curvature of a background area to be different from each other.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012836 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HUMAN ROTA VIRUS G9P[6] STRAIN AND USE AS A VACCINE

(51) International classification :C12N7/00
(31) Priority Document No :62/237452
(32) Priority Date :05/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/054211
Filing Date :28/09/2016
(87) International Publication No :WO 2017/062246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE UNITED STATES OF AMERICA as represented by THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES
Address of Applicant :National Institutes Of Health Office Of Technology Transfer 6011 Executive Boulevard Suite 325 MSC 7660 Bethesda MD 20852 7660 U.S.A.
(72)**Name of Inventor :**
1)JIANG Baoming
2)WANG Yuhuan

(57) Abstract :
Attenuated G9P[6] rotavirus is disclosed herein. In some embodiments, pharmaceutical compositions are disclosed that include an attenuated G9P[6] rotavirus, or a component thereof. These compositions can be used to induce an immune response, such as a protective immune response, to a rotavirus. The compositions can be used as vaccines, such as for children (infants), for example in a prime boost strategy.

No. of Pages : 60 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012837 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELECTRONIC DEVICE HAVING PLURALITY OF DISPLAYS AND METHOD FOR CONTROLLING SAME

(51) International classification :G06F1/16,G06F3/041
(31) Priority Document No :1020150139898
(32) Priority Date :05/10/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/011131
Filing Date :05/10/2016
(87) International Publication No :WO 2017/061762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea
(72)**Name of Inventor :**
1)HA Dohyung
2)PARK Jungsik
3)SHIN Jaeyoung
4)CHUNG Chongyoon
5)KIM Namsu
6)KIM Geonsoo
7)YOON Byounguk
8)HONG Hyunju

(57) Abstract :
Various embodiments disclosed in the present document relate to an electronic device comprising a multi face display. An electronic device according to an embodiment may comprise: a display comprising a circuit unit a power supply unit a first surface that faces in a first direction a second surface that faces in a second direction which is opposite to the first direction and a third surface that at least partially surrounds a space formed between the first surface and the second surface; a bracket which is configured such that a surface of the circuit unit and a surface of the power supply unit are connected thereby constituting a coupled body which has an opening provided at the center thereof so as to contain the coupled body and which surrounds the side surface of the coupled body; and an outer housing formed to surround the bracket. The present invention is not limited to the above embodiment and may include various other embodiments.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012838 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SOLUTION DEPENDENT OUTPUT TIME MARKS FOR MODELS OF DYNAMIC SYSTEMS

(51) International classification :G05B19/18
(31) Priority Document No :62/218341
(32) Priority Date :14/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051222
Filing Date :12/09/2016
(87) International Publication No :WO 2017/048613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAKER HUGHES A GE COMPANY LLC
Address of Applicant :17021 Aldine Westfield Houston Texas 77073 U.S.A.
(72)**Name of Inventor :**
1)HOEINK Tobias

(57) Abstract :
A method of simulating a dynamic system includes receiving input data and applying the input data to a numerical forward model, and executing the forward model to simulate the dynamic system and generate solution data values. The method also includes, during execution of the forward model, comparing the solution data values to a pre-selected criterion. The method further includes, in response to at least one solution data value satisfying the pre-selected criterion, automatically generating a time mark for a time at which the at least one solution data value satisfied the pre-selected criterion and automatically outputting one or more solution data values associated with the time mark.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012839 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : €FITMENT WITH ETHYLENE/α-OLEFIN MULTI-BLOCK COPOLYMER€ •

(51) International classification :B65D25/42,B65D75/58,B65D47/06
(31) Priority Document No :62/235009
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/053117
Filing Date :22/09/2016
(87) International Publication No :WO 2017/058634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)**Name of Inventor :**
1)FRANCA Marcos P.
2)PEREIRA Bruno R.
3)SCHULZ Peter J.
4)KALEYTA Scott R.

(57) Abstract :
The present disclosure provides a fitment. In an embodiment a fitment is provided and includes a top portion a base and a channel extending through the top portion and the base for passage of a flowable material. The base includes a pair of opposing sidewalls. The sidewalls extend around the channel. The sidewalls are joined together at opposing ends. The fitment further includes at least one sealing rib extending along the sidewalls. The sealing rib includes an ethylene/ olefin multi block copolymer.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012840 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FITMENT WITH VALVE AND ETHYLENE/ OLEFIN MULTI BLOCK COPOLYMER

(51) International classification	:B65D25/42,B65D75/58,B65D47/06
(31) Priority Document No	:14/871129
(32) Priority Date	:30/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/052903 :21/09/2016
(87) International Publication No	:WO 2017/058613
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)**Name of Inventor :**
1)FRANCA Marcos P.
2)PEREIRA Bruno R.

(57) Abstract :
The present disclosure provides a fitment. In an embodiment, a fitment is provided and includes a top portion, a base, and a channel extending through the top portion and the base for passage of a flowable material. The fitment includes a flexible valve extending across the channel. The flexible valve includes a slit which opens to permit flow therethrough. The flexible valve includes an ethylene/a-olefin multi-block copolymer.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012841 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : €FLEXIBLE CONTAINER WITH EXTENDABLE SPOUT€ •

(51) International classification :B65D75/58,B65D47/06
(31) Priority Document No :14/871608
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/053056
Filing Date :22/09/2016
(87) International Publication No :WO 2017/058630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)**Name of Inventor :**
1)FRANCA Marcos
2)PEREIRA Bruno Rufato
3)MA Liangkai
4)CRABTREE Sam L.

(57) Abstract :
The present disclosure provides a flexible container. In an embodiment, a flexible container is provided and includes a first multilayer film and a second multilayer film. Each multilayer film has an inner seal layer. The multilayer films are arranged such that the seal layers oppose each other and the second multilayer film is superimposed on the first multilayer film. The multilayer films are sealed along a common peripheral edge. An orifice is present in one of the multilayer films. The flexible container includes an extendable spout extending through the orifice. The extendable spout has a flange sealed to the inner seal layer of the multilayer film at the orifice. The extendable spout is composed of, or is otherwise formed from, an ethylene/α-olefin multi-block copolymer.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012844 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : THYMIC STROMAL LYMPHOPOIETIN (TSLP) BINDING ANTIBODIES AND METHODS OF USING THE ANTIBODIES

(51) International classification :C07K16/24,A61K9/00,A61P11/06
(31) Priority Document No :62/215904
(32) Priority Date :09/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2016/055336
Filing Date :07/09/2016
(87) International Publication No :WO 2017/042701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35 4056 Basel Switzerland
(72)**Name of Inventor :**
1)RONDEAU Jean Michel Rene
2)EDWARDS Matthew John
3)MILLER Danforth
4)HUANG Daniel
5)HEMMIG Rene
6)KNOPF Hans Peter
7)GUPTA Kapil
8)VAN HEEKE Gino Anselmus
9)HAUBST Nicole
10)ANDLAUER Barbara

(57) Abstract :
The invention provides molecules e.g. antibodies or antibody fragments that specifically bind thymic stromal lymphopoietin (TSLP) compositions comprising these molecules and methods of using and producing these molecules.

No. of Pages : 132 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012846 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DNA ALIGNMENT USING A HIERARCHICAL INVERTED INDEX TABLE

(51) International classification :G06F19/24,G06F19/18
(31) Priority Document No :62/244541
(32) Priority Date :21/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/058183
Filing Date :21/10/2016
(87) International Publication No :WO 2017/070514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COHERENT LOGIX INCORPORATED
Address of Applicant :Building 3 Suite 310 1120 South Capital of Texas Highway Austin Texas 78746 U.S.A.
(72)**Name of Inventor :**
1)DOERR Michael B.
2)GARMANY Jan D.
3)WOOD Stephen V.
4)ARASTAS Daemon G.
5)HUNT Martin A.

(57) Abstract :
System and method for constructing a hierarchical index table usable for matching a search sequence to reference data. The index table may be constructed to contain entries associated with an exhaustive list of all subsequences of a given length, wherein each entry contains the number and locations of matches of each subsequence in the reference data. The hierarchical index table may be constructed in an iterative manner, wherein entries for each lengthened subsequence are selectively and iteratively constructed based on the number of matches being greater than each of a set of respective thresholds. The hierarchical index table may be used to search for matches between a search sequence and reference data, and to perform misfit identification and characterization upon each respective candidate match.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012848 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MEMBRANE CATHETER

(51) International classification :A61M1/16,A61B5/145,A61M1/10
(31) Priority Document No :15189777.4
(32) Priority Date :14/10/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/074776
Filing Date :14/10/2016
(87) International Publication No :WO 2017/064285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CRIT CORE TECH CRITICAL CORE TECHNOLOGIES GMBH
Address of Applicant :Maria Jacobi Gasse 1/3.2 1030 Wien Austria
(72)**Name of Inventor :**
1)NEUDL Susanna
2)ULLRICH Roman
3)KRENN Claus Georg
4)JANECZEK Christoph
5)GFHLER Margit

(57) Abstract :
The invention relates to a device comprising a catheter (44) for intravascular use wherein the catheter (44) has a blood inlet (100) and a blood outlet (15) and comprises a membrane (4) arranged in the catheter (44) in such a way that at least one part of the blood flowing into the catheter (44) via the blood inlet (100) during operation comes into contact with the membrane (4) wherein the membrane (4) allows an exchange of at least one substance to be exchanged between a carrier medium and the blood wherein the carrier medium is a carrier fluid in which the substance to be exchanged can be dissolved and wherein the catheter (44) comprises a delivery device (65) which is designed to at least partially compensate for a pressure difference between the blood inlet (100) and the blood outlet (15) during operation; and method for removing at least one substance from venous blood for diagnostic purposes using a device of this type.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012865 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEMS AND METHODS FOR FACILITATING PURCHASES AT A GAS STATION

(51) International classification :G06Q20/08,G06Q20/12,G06Q20/20
(31) Priority Document No :14/855679
(32) Priority Date :16/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/049967
Filing Date :01/09/2016
(87) International Publication No :WO 2017/048527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FIRST DATA CORPORATION
Address of Applicant :5775 DTC Blvd Suite 100 North Greenwood Village Colorado 80111 U.S.A.
(72)**Name of Inventor :**
1)ROYYURU Vijay K.
2)LUCAS Brad
3)STEPHENSON Jack
4)CALDWELL III S. Shane
5)MACKAY Scott
6)STAINS Brent A.
7)MCCRORY Dale
8)PETERSEN Mark A.
9)VEL Raja

(57) Abstract :
A method of remotely activating a transaction device includes receiving at a computing system a mobile device identifier from a mobile application executed on a mobile device. A selection of the transaction device is received from the application. The selection includes an identifier of the transaction device. A selection of a transaction amount related to purchase of a product is received from the application. An authorization request for a payment account associated with the mobile device is communicated to an issuer of the payment account. The authorization request is for a transaction of at least the transaction amount. An authorization approval for the transaction is received from the issuer and a signal to activate the transaction device to dispense the product is sent based on the identifier. The transaction device is deactivated upon dispensing the transaction amount and a receipt of the transaction is provided to the mobile device.

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012869 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF

(51) International classification	:C08B37/02,C08B37/00,C08F251/00
(31) Priority Document No	:62/251183
(32) Priority Date	:05/11/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/060579 :04/11/2016
(87) International Publication No	:WO 2017/079595
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)E. I. DU PONT DE NEMOURS AND COMPANY
Address of Applicant :Chestnut Run Plaza 974 Centre Road P. O. Box 2915 Wilmington Delaware 19805 U.S.A.
(72)**Name of Inventor :**
1)BEHABTU Natnael
2)ARTHUR Samuel David

(57) Abstract :
Compositions are disclosed herein comprising a graft copolymer having (i) a backbone comprising dextran with a molecular weight of at least about 100000 Daltons, and poly alpha-1,3-glucan side chains comprising at least about 95% alpha-1,3- glucosidic linkages. Further disclosed are reactions for producing such graft copolymers, as well as their use in absorbent materials.

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012871 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR MEASUREMENT REPORTING RESOLUTION ADAPTATION

(51) International classification :H04W4/02
(31) Priority Document No :62/233165
(32) Priority Date :25/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2016/055719
Filing Date :23/09/2016
(87) International Publication No :WO 2017/051384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :SE 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)GUNNARSSON Fredrik
2)BLANKENSHIP Yufei
3)MODARRES RAZAVI Sara
4)RYD‰N, Henrik
5)SIOMINA Iana
6)SUNELL Kai Erik
7)SUSITAIVAL Riikka
8)WANG Meng
9)ZAIDI Ali

(57) Abstract :
A method performed by a wireless device for adapting measurement report resolution is disclosed. The method comprises performing a measurement, determining a measurement report resolution to be used, and sending a measurement report to the network node encoded based on the determined measurement report resolution. According to additional embodiments, prior to determining the measurement report resolution to be used, the wireless device informs the network node of the wireless devices capabilities of sending measurement reports encoded based on a plurality of different measurement report resolutions. According to additional embodiments, subsequent to informing the network node of the wireless devices capabilities, and prior to determining the measurement report resolution to be used, the wireless device receives a desired measurement report resolution from the network node.

No. of Pages : 24 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012875 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : T CELL RECEPTOR (TCR) BINDING ANTIBODIES AND USES THEREOF

(51) International classification :A61K39/395,C07K14/725,C07K16/28
(31) Priority Document No :62/218990
(32) Priority Date :15/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051847
Filing Date :15/09/2016
(87) International Publication No :WO 2017/048902
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM
Address of Applicant :201 West 7th St. Austin TX 78701 U.S.A.
(72)**Name of Inventor :**
1)COOPER Laurence J.n.
2)JENA Bipulendu

(57) Abstract :
Antibodies and antigen binding fragments thereof are provided that bind to T-cell receptors (e.g., TCRα), essentially independent of T-cell epitope specificity. Methods for manipulation of T-cells and methods of treatment using such antibodies are likewise provided.

No. of Pages : 84 No. of Claims : 111

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012877 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : UV AND HIGH ENERGY VISIBLE ABSORBING OPHTHALMIC LENSES

(51) International classification :G02C7/04,A61F2/16,B29D11/00
(31) Priority Document No :62/234543
(32) Priority Date :29/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/054553
Filing Date :29/09/2016
(87) International Publication No :WO 2017/059142
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VISION EASE LP
Address of Applicant :7000 Sunwood Drive NW Ramsey, MN 55303 (US) U.S.A.
(72)**Name of Inventor :**
1)NAHM Steven Harold
2)BLACKER Richard
3)KISSEL David J.
4)OLUND David

(57) Abstract :
An ophthalmic lens operable to protect the eye from harmful ultraviolet and high energy visible wavelengths of light and methods for producing the same.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012878 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FUEL FLOW QUANTITY DETECTION METHOD FOR VEHICULAR ENGINE

(51) International classification :F02D45/00,G01F1/00
(31) Priority Document No :2015188334
(32) Priority Date :25/09/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/004328
Filing Date :23/09/2016
(87) International Publication No :WO 2017/051543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIKKI CO. LTD.
Address of Applicant :3029 Kamiechi Atsugi shi Kanagawa 2430801 Japan
(72)**Name of Inventor :**
1)TAKIGAWA Buso
2)ABLA Dilshat
3)MAMATJAN Zunun

(57) Abstract :
A fuel flow quantity detection method for a vehicular engine is provided such that a fuel flow quantity can be accurately detected even when fuel composition varies without using values directly detected by for example a mass air flow sensor or an excess air ratio sensor as input information. A fuel flow quantity detection method for a vehicular engine which uses gasoline liquefied gas gas or the like as fuel and which adopts a spark ignition system wherein a fuel flow quantity is calculated from a detected intake air flow quantity (Qa) and an air fuel ratio (R) or an oxygen ratio (RO) that is detected after combustion.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012880 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ENERGY ABSORBING FASTENER AND PIVOT ANCHOR AND CAR

(51) International classification :B61G5/02,B61G9/10
(31) Priority Document No :15003106.0
(32) Priority Date :30/10/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/001769
Filing Date :25/10/2016
(87) International Publication No :WO 2017/071802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DELLNER COUPLERS AB
Address of Applicant :Vikavgen 144, 791 95 Falun, SWEDEN Sweden
(72)**Name of Inventor :**
1)SKOWRONEK Jacek
2)WESTMAN Anders

(57) Abstract :
The invention relates to an energy adsorbing fastener suitable for connecting a part of a coupler or pivot to a car of a multi car vehicle wherein a fastener having a head and an end is provided the end being suitable to be connected to an element of the coupler or the pivot a deformation tube surrounding the fastener whereby the deformation tube has a first end whereby the head of the fastener rests against the first end or rests against an element that rests against the first end and whereby the deformation tube has a second end suitable to rest against a surface of the car or a connection plate suitable to be connected to the car.

No. of Pages : 14 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012887 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A FLUID SYSTEM

(51) International classification :F01M11/10,F16N19/00,G01F23/26
(31) Priority Document No :1516858.6
(32) Priority Date :23/09/2015
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2016/072767
Filing Date :23/09/2016
(87) International Publication No :WO 2017/051012
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CASTROL LIMITED
Address of Applicant :Technology Centre Whitchurch Hill Pangbourne Reading RG8 7QR, United Kingdom U.K.
(72)**Name of Inventor :**
1)GOODIER Steven Paul
2)TAYLOR Oliver Paul
3)DAWSON Christopher
4)YEATS Ben

(57) Abstract :
Replaceable fluid containers for engines, such as those comprising at least one fluid port adapted to couple with a fluid circulation system of the engine when the replaceable container is coupled to a dock, a data provider configured to provide analog data characteristic of at least one of the fluid and the container, an analog-to-digital converter configured to convert analog data from the data provider into digitized data, and an interface configured to provide the digitized data unprocessed to an interface of the dock for supply to a processor configured to process the unprocessed digitized data to provide an indication of a property of at least one of the fluid and the container, related replaceable fluid containers for engines and associated methods of determining a property of a fluid in a replaceable fluid container for an engine.

No. of Pages : 21 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012888 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : STAINLESS STEEL PIPE WITH EXCELLENT CORROSION RESISTANCE AND MANUFACTURING METHOD THEREOF

(51) International classification :B24B29/02,B24B29/00,B24B29/08
(31) Priority Document No :2015197977
(32) Priority Date :05/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/076142
Filing Date :06/09/2016
(87) International Publication No :WO 2017/061215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NISSHIN STEEL CO. LTD.
Address of Applicant :4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008366, Japan Japan
(72)**Name of Inventor :**
1)SAIDA Tomoaki
2)TAI Yoshikazu
3)IMAKAWA Kazunari

(57) Abstract :
A stainless steel pipe with excellent corrosion resistance is provided which does not rust prematurely even in waterfront environments affected of sea salt particles and a manufacturing method thereof are provided. This stainless steel pipe with excellent corrosion resistance has polishing marks on the surface of the stainless steel pipe there are no oxide films having coloring on said surface and the average number of surface defects on said surface including matter covering the metal substrate material of greater than or equal to 5 m is kept to within 5 per 0.01 mm.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012905 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD OF CONTROLLING ROLLBACK IN A CONTINUOUSLY VARIABLE TRANSMISSION

(51) International classification	:B60L15/20,B60W10/10,B60W10/18
(31) Priority Document No	:62/239347
(32) Priority Date	:09/10/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/055728 :06/10/2016
(87) International Publication No	:WO 2017/062607
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DANA LIMITED
Address of Applicant :P.O. Box 1000 Maumee Ohio 43537 U.S.A.
(72)**Name of Inventor :**
1)DAVID Jeffrey M.
2)LOHR III Charles B.

(57) Abstract :
A control system for a vehicle having an infinitely variable transmission (IVT) having a ball planetary variator (CVP), providing a smooth and controlled operation. In some embodiments, the control system implements a rollback prevention sub-module. The rollback prevention submodule is adapted to receive a number of signals, for example, a signal indicative of a transmission output shaft speed and a signal indicative of a commanded CVP shift actuator position. In some embodiments, the rollback prevention sub-module determines a correction value to be applied to the commanded CVP shift actuator position. The correction value is based at least in part on the transmission output shaft speed signal. In some embodiments, the rollback prevention sub-module is adapted to monitor and determine the deactivation of a CVP shift actuator.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012906 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : END EFFECTOR FOR SURGICAL STAPLER WITH VARYING CURVE AND TAPER

(51) International classification :A61B17/072
(31) Priority Document No :14/884198
(32) Priority Date :15/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/055878
Filing Date :07/10/2016
(87) International Publication No :WO 2017/066084
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo 00969
(72)**Name of Inventor :**
1)SCHEIB Charles J.
2)SHELTON IV Frederick E.

(57) Abstract :
A surgical instrument includes a shaft assembly and an end effector extending from the shaft assembly along a jaw centerline. The end effector includes a first jaw and a second jaw. The first and second jaws are configured to transition between an open configuration and a closed configuration. The first jaw and the second jaw define a straight portion of the end effector and an arcuate portion of the end effector. The arcuate portion extends distally from the straight portion such that the arcuate portion of the end effector is configured to provide access to tissue within a patient for treatment. The first jaw has an anvil that is configured to form a plurality of staples pressed against the anvil.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012907 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SURGICAL STAPLER WITH TERMINAL STAPLE ORIENTATION CROSSING CENTER LINE

(51) International classification :A61B17/072
(31) Priority Document No :14/884096
(32) Priority Date :15/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/056757
Filing Date :13/10/2016
(87) International Publication No :WO 2017/066395
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO SURGERY LLC
Address of Applicant :#475 Street C Los Frailes Industrial Park Guaynabo 00969
(72)**Name of Inventor :**
1)SCHEIB Charles J.
2)SHELTON Frederick E. IV

(57) Abstract :
A surgical instrument includes a shaft assembly, an end effector, and a staple cartridge. The end effector includes a first jaw and a second jaw. The first jaw includes an anvil that is configured to form a plurality of staples pressed against the anvil. The first and second jaws are configured to transition between an open configuration and a closed configuration. The staple cartridge is received within the second jaw. The staple cartridge includes a deck and a plurality of staples. The deck has a plurality of staple openings. The staples are positioned within respective staple openings. At least one of the staple openings obliquely crosses a centerline of the end effector.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012936 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COHERENCE GATED WAVEFRONT SENSORLESS ADAPTIVE OPTICS MULTI PHOTON MICROSCOPY AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :A61B3/10,A61B3/12,A61B3/14
(31) Priority Document No :62/217508
(32) Priority Date :11/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/051369
Filing Date :12/09/2016
(87) International Publication No :WO 2017/044969
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIMON FRASER UNIVERSITY
Address of Applicant :8888 University Drive Innovation Office Discovery 2 Burnaby Bc V5A 1S6 Canada
(72)**Name of Inventor :**
1)SARUNIC Marinko
2)JIAN Yifan
3)CUA Eunice Michelle
4)BONORA Stefano
5)ZAWADZKI Robert J.

(57) Abstract :
In one embodiment a sensorless adaptive optics imaging system includes a source of light an optical delivery unit having a wavefront modifying element and an optical coherence tomography (OCT) sensor configured to acquire OCT images based on light emitted by the source of light and transmitted through the optical delivery unit. The system also includes a processing unit that can: process the OCT images and determine an adjustment of parameters of the wavefront modifying element. In some embodiments the system includes a multi photon microscopy (MPM) sensor that acquires MPM images based on the light transmitted through the optical delivery unit.

No. of Pages : 21 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012954 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : €THERMOPLASTIC COMPOSITION WITH IMPROVED MECHANICAL PROPERTIES€ •

(51) International classification	:C08L33/06,C08L51/04,C08L25/08
(31) Priority Document No	:1501005853
(32) Priority Date	:25/09/2015
(33) Name of priority country	:Thailand
(86) International Application No Filing Date	:PCT/TH2016/000078 :23/09/2016
(87) International Publication No	:WO 2017/052480
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)PTT GLOBAL CHEMICAL PUBLIC COMPANY LIMITED
Address of Applicant :555/1 Energy Complex Building A Floor 14th 18th Vibhavadi Rangsit Road Chatuchak Chatuchak Bangkok 10900 Thailand
(72)**Name of Inventor :**
1)YUNYONGWATTANAKORN Jintana
2)KOSITCHAIYONG Apisit
3)SUPPAIBULSUK Bunthita
4)KUNANURUKSAPONG Ruksapong

(57) Abstract :
The present invention relates to a thermoplastic composition with improved mechanical properties in order to broaden applications of this composition especially outdoor application. Said thermoplastic composition comprising 60 to 80 parts by weight of aromatic polycarbonate and 20 to 40 parts by weight of acrylonitrile styrene acrylate polymer characterized in that said aromatic polycarbonate has linear structure and its molecular weight is in a range of 20 000 to 35 000 g/mol; and said acrylonitrile styrene acrylate polymer comprising 60 wt % or more of rubber grafted with styrene and acrylonitrile polymer and 40 wt % or less of styrene and acrylonitrile polymer.

No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012960 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : 1,3,4-THIADIAZOLE COMPOUNDS AND THEIR USE IN TREATING CANCER

(51) International classification :C07D417/14,A61K31/501,A61K31/53
(31) Priority Document No:62/260787
(32) Priority Date :30/11/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/079251
Filing Date :30/11/2016
(87) International Publication No :WO 2017/093300
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASTRAZENECA AB
Address of Applicant :SE-151 85 Sdertlje, Sweden; Sweden
2)CANCER RESEARCH TECHNOLOGY LIMITED
(72)**Name of Inventor :**
1)FINLAY Maurice Raymond Verschoyle
2)NISSINK Johannes Wilhelmus Maria
3)CHARLES Mark David
4)WOOD Matt

(57) Abstract :
A compound of Formula (I) or a pharmaceutically acceptable salt thereof, where: Q can be 5-methylpyridazin-3-yl, 5-chloropyridazin-3-yl, 6-methylpyridazin-3-yl, or 6-fluoropyridazin-3-yl; R can be hydrogen, fluoro, or methoxy; R1 can be hydrogen, methoxy, difluoromethoxy, or trifluoromethoxy; and R2 can be methyl or ethyl. The compound of formula (I) can inhibit glutaminase, e.g., GLS1.

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012965 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A NEW SUBPOPULATION OF CD8+CD45RCLOW TREGS AND USES THEREOF

(51) International classification :C12N5/0783
(31) Priority Document No :15306366.4
(32) Priority Date :07/09/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/070991
Filing Date :06/09/2016
(87) International Publication No :WO 2017/042170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INSERM (INSTITUT NATIONAL DE LA SANT ET DE LA RECHERCHE MDICALE)
Address of Applicant :101 rue de Tolbiac 75013 Paris France
2)UNIVERSIT DE NANTES
3)CENTRE HOSPITALIER UNIVERSITAIRE DE NANTES
(72)**Name of Inventor :**
1)GUILLONNEAU Carole
2)ANEGON Ignacio
3)BEZIE Sverine

(57) Abstract :
The invention relates to a new subpopulation of CD8+CD45RClow Tregs, namely IFNγ+IL-10+IL-34+ secreting population of CD8+CD45RClow Treg cells, methods for their isolation and expansion and their use as drug, more particularly for immunotherapy as well as biomarker.

No. of Pages : 58 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012967 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : GUIDEWIRE FOR CANNULA PLACEMENT

(51) International classification :A61M25/09,A61M1/12,A61B17/34
(31) Priority Document No :14/862090
(32) Priority Date :22/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052781
Filing Date :21/09/2016
(87) International Publication No :WO 2017/053361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABIOMED INC.
Address of Applicant :22 Cherry Hill Drive Danvers MA 01923 U.S.A.
(72)**Name of Inventor :**
1)TAO Zhenghong
2)FINNEGAN Michael Thomas

(57) Abstract :
A guidewire for backloading and inserting a percutaneous pump affixed to a cannula includes a proximal section made of a first material with a first diameter a rounded proximal end and a distal end. The guidewire also includes a distal section made of a second material with a second diameter which is greater than the first diameter a distal end and a proximal end abutting the distal end of the proximal section. The first material of the proximal section is selected to be softer than a material of the percutaneous pump to reduce damage to the pump during backloading. The distal section of the guidewire is configured to be stiffer than the proximal section to insert the percutaneous pump in a desired location without damaging the guidewire.

No. of Pages : 18 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012975 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A MULTI USER STRONG AUTHENTICATION TOKEN

(51) International classification :G06F21/42,G06F21/64,G06F21/84
(31) Priority Document No :62/221343
(32) Priority Date :21/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052835
Filing Date :21/09/2016
(87) International Publication No :WO 2017/053394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VASCO DATA SECURITY INTERNATIONAL GMBH
Address of Applicant :World wide Business Center Balz zimmermannstrasse 7 CH 8152 Glattbrugg Switzerland
(72)**Name of Inventor :**
1)FORT Nicolas
2)MENNES Frederik
3)JOLY Ludovic
4)TEIXERON Guillaume

(57) Abstract :
Apparatus, methods and systems to secure remotely accessible applications using authentication devices are disclosed. More in particular apparatus, methods and systems are disciosed for thwarting overlay attacks against authentication applications

No. of Pages : 55 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012977 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ULTRASMALL SECURING TAPE AND ARTICLE INCLUDING SAME

(51) International classification :C09J7/02,B32B27/00,C09J201/00
(31) Priority Document No :2015207993
(32) Priority Date :22/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/080490
Filing Date :14/10/2016
(87) International Publication No :WO 2017/069050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NITTO DENKO CORPORATION
Address of Applicant :c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680, Japan Japan
(72)**Name of Inventor :**
1)IKISHIMA Shinsuke
2)NAKAGAWA Muneshige

(57) Abstract :
Provided is an ultrasmall-sized securing tape that is suitable as a disposable tape for absorbent articles such as disposable diapers, sanitary napkins, and incontinence pads. This ultrasmall securing tape comprises an extending portion and a non-extending portion which substantially does not extend, wherein at least part of the non-extending portion is provided with a securing means, the ultrasmall securing tape has a base material layer B, the thickness of the base material layer B is at least 50 μm, and the longitudinal-direction upper yield point strength of the base material layer B at a temperature of 23°C and humidity of 50% is 5-15 N/25 mm.

No. of Pages : 84 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012978 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS FOR THE TREATMENT OF OCULAR DISORDERS

(51) International classification :A61K31/20,A61K47/34
(31) Priority Document No :62/222095
(32) Priority Date :22/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/053210
Filing Date :22/09/2016
(87) International Publication No :WO 2017/053638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GRAYBUG VISION INC.
Address of Applicant :275 Shoreline Drive Suite 450 Redwood City CA 94065 U.S.A.
(72)**Name of Inventor :**
1)CLELAND Jeffrey L.
2)YANG Ming
3)BAUMAN John
4)HOANG Nu
5)CUNNINGHAM Emmett

(57) Abstract :
The disclosure describes prodrugs and derivatives of prostaglandins, carbonic anhydrase inhibitors, kinase inhibitors, beta-adrenergic receptor antagonists and other drugs, as well as controlled delivery formulations containing such prodrugs and derivatives, for the treatment of ocular disorders.

No. of Pages : 293 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012984 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ANGULAR POSITION SENSOR

(51) International classification :G01D5/22
(31) Priority Document No :10 2015 220 650.5
(32) Priority Date :22/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/074552
Filing Date :13/10/2016
(87) International Publication No :WO 2017/067840
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)HERRMANN Ingo
2)BUCK Thomas
3)UTERMOEHLEN Fabian
4)MERZ Andreas
5)OSHINUBI Dayo
6)KRAYL Oliver
7)LEIDICH Stefan

(57) Abstract :
An angular position sensor (10) comprises a stator element (12) having at least three coils (20); a rotor element (14) mounted for rotation with respect to the stator element (12), and which is configured to inductively couple with each of the at least three coils (20) with varying strength according to an angle of rotation; and an evaluation unit (22) for determining the angle of rotation between the rotor element (14) and the stator element (12). The evaluation unit (22) is configured to supply the coils (20) with alternating voltage in a cyclical manner and in sequence, so that a first respective part of the coils (20) is supplied with alternating voltage and a remaining part is de-energized via the evaluation unit; and, in a cyclical manner in sequence in one or more de-energized coils (20), to detect a respective phase and/or an amount of an induced alternating voltage and to determine the angle of rotation from same.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012986 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HIGH-FORMING MULTI-LAYER ALUMINUM ALLOY PACKAGE

(51) International classification :C22C21/00,C22F1/04,B32B15/01
(31) Priority Document No :62/241958
(32) Priority Date :15/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/055922
Filing Date :07/10/2016
(87) International Publication No :WO 2017/066086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVELIS INC.
Address of Applicant :3560 Lenox Road Suite 2000 Atlanta Georgia 30326 U.S.A.
(72)**Name of Inventor :**
1)FLOREY Guillaume
2)BEZENCON Cyrille
3)BASSI Corrado
4)TIMM Juergen
5)DESPOIS Jean Francois
6)STADLIN Jacques

(57) Abstract :
Provided herein are novel, high-forming multi-layer aluminum alloy packages that include a core layer and one or more cladding layers. The alloy packages have excellent bake-hardening properties and are highly recyclable. The packages also display exceptional bendability and elongation properties. Also provided herein are novel aluminum alloy compositions for use as cladding layers. The compositions contain up to 0.6 wt. % Fe and one or more of Mn, Ni, Ti, Co, Nb, Cr, V, Zr, Hf and Ta.

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012987 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FERRITE MAGNETIC MATERIAL AND FERRITE SINTERED MAGNET

(51) International classification :H01F1/34,H01F1/22,C04B35/26
(31) Priority Document No :1020150144516
(32) Priority Date :16/10/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/009791
Filing Date :01/09/2016
(87) International Publication No :WO 2017/065408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNION MATERIALS CORPORATION
Address of Applicant :151 Seongseogongdannam ro Dalseo gu Daegu 42721 Republic of Korea
(72)**Name of Inventor :**
1)KIM Min ho
2)LEE Dong Young
3)LEE Jung hwan

(57) Abstract :
The present invention produces a ferrite magnetic material having a remarkably higher maximum energy product ((BH)max) than a conventional ferrite magnetic material through the induction of a high saturation magnetization and a high anisotropic magnetic field by simultaneously adding Co and Zn to substitute some of Fe and adjusting the content ratio of Zn/Co. In addition the present invention can produce a desired magnetic material at a lower cost than a conventional CaLaCo based ferrite magnetic material substituted with only Co by using Zn which is relatively at least seven times cheaper than Co together with Co.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817012989 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : IMPACT PROTECTION AND SHOCK ABSORBING DEVICE

(51) International classification :A42B3/06
(31) Priority Document No :62/221783
(32) Priority Date :22/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052760
Filing Date :21/09/2016
(87) International Publication No :WO 2017/053348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE UNIVERSITY OF AKRON
Address of Applicant :302 Buchtel Common Akron Ohio 44325 U.S.A.
(72)**Name of Inventor :**
1)KENNEDY Emily B.
2)FECHEYR LIPPENS Daphne C.
3)HSIUNG Bor Kai
4)PAIGE Douglas J.
5)SWIFT Nathan B.

(57) Abstract :
An impact protection device (10) includes a support surface (12), a first plurality of flexible spines (14) and a second plurality of flexible spines (24). Each of the first and second plurality of spines have a length defined from a base end to a distal end thereof, and each extends in a longitudinal direction upwardly from the support surface at an angle less than 90 degrees such that each an overhang over the support surface. Each of the second plurality of spines extends under the overhang created by a respective neighboring spine of the first plurality of flexible spines, whereby, upon sufficient compression of the first plurality of flexible spines in a downward direction toward the support surface, the first plurality of flexible spines contacts the second plurality of flexible spines and compressive forces and/or shear forces are absorbed thereby.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013009 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MODULATORS OF KRAS EXPRESSION

(51) International classification	:C12Q1/68,C07H21/04,A61K31/7088
(31) Priority Document No	:62/232120
(32) Priority Date	:24/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/053334 :23/09/2016
(87) International Publication No	:WO 2017/053722
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)IONIS PHARMACEUTICALS INC.
Address of Applicant :2855 Gazelle Court Carlsbad CA 92010 U.S.A.
(72)**Name of Inventor :**
1)REVENKO Alexey
2)FREIER Susan M.
3)MACLEOD Robert A.

(57) Abstract :
The present embodiments provide methods compounds and compositions for inhibiting KRAS expression which can be useful for treating preventing or ameliorating a disease associated with KRAS.

No. of Pages : 195 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013012 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INKJET RECORDING METHOD

(51) International classification :B41J2/01,B41J2/17,B41J2/18
(31) Priority Document No :2015199763
(32) Priority Date :07/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/079181
Filing Date :30/09/2016
(87) International Publication No :WO 2017/061340
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KAO CORPORATION
Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan
(72)**Name of Inventor :**
1)SATO Takahiro
2)WATANABE Kazuki
3)NARITA Masayuki

(57) Abstract :
The present invention relates to an inkjet recording method that uses a water-based ink containing rutile titanium oxide and a polymer dispersant. The polymer dispersant contains 72 mass% or more of constituent units derived from an anionic group-containing monomer selected from acrylic acid, methacrylic acid and the like, the polymer dispersant has a Mw value of 3000-50,000, and the content of the polymer dispersant is 1-7 mass% relative to the titanium oxide. The inkjet recording method includes a step 1 of redispersing the water-based ink using a dispersion means and a step 2 of recording the redispersed water-based ink on a recording medium. According to this method, the titanium oxide can, even if sedimented, be easily redispersed by simple agitation, and by using a water-based ink the physical properties of which are recovered rapidly due to exhibiting excellent anti-foaming properties or defoaming properties, good discharge properties can be achieved.

No. of Pages : 61 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013013 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FUNCTIONALIZED LEAD ACID BATTERY SEPARATORS IMPROVED LEAD ACID BATTERIES AND RELATED METHODS

(51) International classification :H01M2/16,H01M10/12
(31) Priority Document No :62/237174
(32) Priority Date :05/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/055509
Filing Date :05/10/2016
(87) International Publication No :WO 2017/062461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DARAMIC LLC
Address of Applicant :11430 North Community House Road Suite 350 Charlotte North Carolina 28277 U.S.A.
(72)**Name of Inventor :**
1)WHEAR J. Kevin
2)KRISHNAMOORTHY Ahila
3)APPIKATLA Susmitha

(57) Abstract :
In accordance with at least selected embodiments, the present application or invention is directed to novel or improved porous membranes or substrates, separator membranes, separators, composites, electrochemical devices, batteries, methods of making such membranes or substrates, separators, and/or batteries, and/or methods of using such membranes or substrates, separators and/or batteries. In accordance with at least certain embodiments, the present application is directed to novel or improved porous membranes having a coating layer, battery separator membranes having a coating layer, separators, energy storage devices, batteries, including lead acid batteries including such separators, methods of making such membranes, separators, and/or batteries, and/or methods of using such membranes, separators and/or batteries. The disclosed separators and/or batteries have improved charge acceptance, improved surface conductivity, improved oxidation resistance, reduced acid stratification, improved resistance to metal contamination induced oxidation, reduced black residue, improved wettability, and/or improved stiffness.

No. of Pages : 56 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013014 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A MIXTURE TO BE USED IN AN ABSORPTION MACHINE

(51) International classification :F25B15/02
(31) Priority Document No :15511595
(32) Priority Date :10/09/2015
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2016/071421
Filing Date :12/09/2016
(87) International Publication No :WO 2017/042383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLIMATEWELL AB (PUBL)
Address of Applicant :Instrumentvgen 20 126 53 Hgersten, SE Sweden
(72)**Name of Inventor :**
1)BOLIN, Giiran
2)OLSSON Ray

(57) Abstract :
There is disclosed an absorption machine comprising at least a first and a second compartment in fluid connection with each other, wherein the first compartment comprises at least one salt selected from the group consisting of LiBr, Lil, LiCI, Nal, and NH4I and wherein at least the first compartment comprises NH3 in an amount sufficient to form a liquid together with the at least one salt in the first compartment. Advantages of using the new mixture include that an absorption machine using a salt and NH3 can be made smaller and lighter with the same power. Further ΔT can be improved. The vapour pressure of NH3 in the system can be kept relatively high.

No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013015 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INFORMATION PROCESSING DEVICE

(51) International classification	:H04R1/02,G10L21/0208,H04M1/00
(31) Priority Document No	:2015201723
(32) Priority Date	:13/10/2015
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2016/079855 :06/10/2016
(87) International Publication No	:WO 2017/065092
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)SEKIYA Toshiyuki
2)KOYAMA Yuichiro
3)HIRANO Yuya

(57) Abstract :
[Problem] Desired sound is collected in a more suitable form even in an environment in which noises randomly occur. [Solution] An information processing device according to the present invention includes a sound collector and a support member which has a protrusion with a streamlined shape on a part thereof and which supports the sound collector at the tip end of the protrusion or at a position in the vicinity of the tip end.

No. of Pages : 77 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013016 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FLOODED ACID BATTERY WITH IMPROVED PERFORMANCE, IMPROVED BATTERY SEPARATORS, AND RELATED METHODS

(51) International classification	:H01M10/12,H01M2/16,H01M2/18
(31) Priority Document No	:62/238373
(32) Priority Date	:07/10/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/012805 :11/01/2016
(87) International Publication No	:WO 2017/062053
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DARAMIC LLC
Address of Applicant :11430 North Community House Road Suite 350 Charlotte NC 29277 U.S.A.
(72)**Name of Inventor :**
1)MILLER Eric H.
2)GOLOVIN M. Neal
3)KRISHNAMOORTHY Ahila
4)HOWARD Matthew
5)PERRY James P.

(57) Abstract :
Improved battery separators are disclosed herein for use in flooded lead acid batteries, and in particular enhanced flooded lead acid batteries. The improved separators disclosed herein provide for enhanced electrolyte mixing and substantially reduced acid stratification. The improved flooded lead acid batteries may be advantageously employed in applications in which the battery remains in a partial state of charge, for instance in start/stop vehicle systems. Also, improved lead acid batteries, such as flooded lead acid batteries, improved systems that include a lead acid battery and a battery separator, improved battery separators, improved vehicles including such systems, and/or methods of manufacture and/or use may be provided.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013017 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TAMPER EVIDENT TAG AND METHOD

(51) International classification :G06K19/077,G06K19/06,G06K17/00
(31) Priority Document No :62/248584
(32) Priority Date :30/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/059268
Filing Date :28/10/2016
(87) International Publication No :WO 2017/075316
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KARAN Aharon A.
Address of Applicant :2140 West Green Tree Road Glendale WI 53209 U.S.A.
(72)**Name of Inventor :**
1)KARAN Aharon A.

(57) Abstract :
A tamper evident tag and a method of preventing the fraudulent return of an article back to a seller are provided. The tag includes inner and outer layers. A first end of a tag fastener is inserted through the article and through an aperture formed in the inner and outer layers of the tag. A unique code is printed on the tag. A portion of the inner layer of the tag is removed to expose an adhesive. The exposed adhesive is bought into contact with the inner layer of the tag to capture the first end of the tag fastener between the outer layer and the inner layer. The unique code is associated with the article for future reference.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013018 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MICROWAVEABLE COATED FOOD PRODUCT AND METHOD OF MANUFACTURE

(51) International classification :A23P20/12,A23P20/10,A21D2/18
(31) Priority Document No :15184555.9
(32) Priority Date :09/09/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/071232
Filing Date :08/09/2016
(87) International Publication No :WO 2017/042295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CRISP SENSATION HOLDING SA
Address of Applicant :1 rue Pedro Meylan 1208 Geneva Switzerland
(72)**Name of Inventor :**
1)MICHIELS Wilhelmus Johannes Gerardus
2)VAN DER KOLK Bianca
3)PICKFORD Keith Graham

(57) Abstract :
A frozen, microwaveable, coated food product comprises: a core of cooked edible material having a weight equal to 15-95wt% of the food product, a fried coating that envelops the core of edible material and having weight equal to 5-85wt% of the food product, the coating being formed from at least four coating layers, including successively: a primary aqueous coating, a bonding crumb layer, a secondary aqueous coating and a coating crumb layer; wherein the primary aqueous coating and the secondary aqueous coating contain less than 10wt% flour, preferably 5wt% flour, by weight of dry matter and at least 10% cellulose ether by weight of dry matter.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013030 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COIL VIBRATION SYSTEM

(51) International classification :B21C47/24
(31) Priority Document No :62/263928
(32) Priority Date :07/12/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/064918
Filing Date :05/12/2016
(87) International Publication No :WO 2017/100120
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PRIMETALS TECHNOLOGIES USA LLC
Address of Applicant :5895 Windward Parkway Alpharetta GA 30005 U.S.A.
(72)**Name of Inventor :**
1)SPENCER Steven

(57) Abstract :
A system is disclosed for vibrating a coil carried on a pallet with the pallet being supported on and movable along a conveyor. The system includes an elevator mechanism for lifting and supporting the pallet in a raised position spaced above the conveyor. Vibration motors serve to vibrate the elevator mechanism thereby also serving to vibrate the raised pallet and the coil carried thereon.

No. of Pages : 6 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013031 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROPYLENE BASED ELASTOMERS FOR ROOFING COMPOSITIONS AND METHODS FOR PREPARING THE SAME

(51) International classification	:C08L23/14,C08L23/16,C08L23/12
(31) Priority Document No	:62/252864
(32) Priority Date	:09/11/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/050725 :08/09/2016
(87) International Publication No	:WO 2017/082999
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)EXXONMOBIL CHEMICAL PATENTS INC.
Address of Applicant :5200 Bayway Drive Baytown TX 77520 U.S.A.
(72)**Name of Inventor :**
1)LI Liang
2)ZACARIAS Felix M.
3)DHARMARAJAN Narayanaswami
4)KALFUS Jan
5)BRANT Patrick

(57) Abstract :
Provided herein are membranes including a blend of a propylene-based elastomer and an ethylene copolymer, a thermoplastic resin, a flame retardant, and an ultraviolet stabilizer.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013032 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ISOSTATIC GRAPHITE LINER FOR FLUIDIZED BED REACTORS

(51) International classification :F16L9/04,B01J8/18,C01B33/00
(31) Priority Document No :62/237288
(32) Priority Date :05/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/055322
Filing Date :04/10/2016
(87) International Publication No :WO 2017/062356
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CORNER STAR LIMITED
Address of Applicant :International Commerce Centre 1 Austin Road West Unit 1703B 1706 Level 17 Kowloon Hong Kong China
(72)**Name of Inventor :**
1)KIMBEL Steven Lawrence

(57) Abstract :
A fluidized bed reactor includes a polysilicon preparation liner having a cylindrical tube extending along an axis. The tube includes an inner surface and an outer surface defining a tube thickness therebetween. The polysilicon liner also includes at least one layer of a wrap wound about the outer tube surface. The wrap prevents radial expansion of the tube.

No. of Pages : 32 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013033 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LEAD ACID BATTERY SEPARATORS WITH IMPROVED PERFORMANCE AND BATTERIES AND VEHICLES WITH THE SAME AND RELATED METHODS

(51) International classification	:H01M2/14,H01M2/16,H01M10/12
(31) Priority Document No	:62/238373
(32) Priority Date	:07/10/2015
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2016/056009
Filing Date	:07/10/2016
(87) International Publication No	:WO 2017/062781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DARAMIC LLC
Address of Applicant :11430 North Community House Road Suite 350 Charlotte North Carolina 28277 U.S.A.
(72)**Name of Inventor :**
1)MILLER Eric H.
2)GOLOVIN M. Neal
3)KRISHNAMOORTHY Ahila
4)HOWARD Matthew
5)PERRY James P.
6)WHEAR J. Kevin

(57) Abstract :
Improved battery separators are disclosed herein for use in flooded lead- acid batteries, and in particular enhanced flooded lead-acid batteries. The improved separators disclosed herein provide for enhanced electrolyte mixing and substantially reduced acid stratification. The improved flooded lead-acid batteries may be advantageously employed in applications in which the battery remains in a partial state of charge, for instance in start/ stop vehicle systems. Also, improved lead-acid batteries, such as flooded lead-acid batteries, improved systems that include a lead-acid battery and a battery separator, improved battery separators, improved vehicles including such systems, and/ or methods of manufacture and/ or use may be provided.

No. of Pages : 61 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013042 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : POLYOLEFIN BASED LAMINATED STRUCTURES WITH ELASTIC PROPERTIES

(51) International classification :B32B7/12,B32B27/08,B32B27/32
(31) Priority Document No :62/235272
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052635
Filing Date :20/09/2016
(87) International Publication No :WO 2017/058572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A.
(72)**Name of Inventor :**
1)GARGALAKA Joao
2)MAZZOLA Nicolas C.
3)GOMES Jorge C.

(57) Abstract :
Embodiments of laminated structures include a first film comprising a first polyolefin; an intermediate layer comprising a laminate adhesive and a second film comprising a second polyolefin. The laminated structures exhibit excellent elastic recovery properties ensuring that the laminated structure can adapt and hold to the shape of the packaged product.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013043 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD OF PREPARING AN ANTIMICROBIAL COMPOSITION

(51) International classification	:A01N25/22,A01N55/02,A01N59/20
(31) Priority Document No	:62/234858
(32) Priority Date	:30/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/053692 :26/09/2016
(87) International Publication No	:WO 2017/058708
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
2)ROHM AND HAAS COMPANY
(72)**Name of Inventor :**
1)MITCHELL Nicholas P.
2)RUSSELL Brandon
3)VARGO Kevin B.

(57) Abstract :
The present invention relates to a method for preparing a stable antibacterial composition.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013044 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROCESSES FOR PRODUCING ORGANOPHOSPHOROUS COMPOUNDS

(51) International classification :C07F9/6574
(31) Priority Document No :62/234938
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/050481
Filing Date :07/09/2016
(87) International Publication No :WO 2017/058475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW TECHNOLOGY INVESTMENTS LLC
Address of Applicant :2020 Dow Center Midland MI 48674 U.S.A.
(72)**Name of Inventor :**
1)BIGI Marinus A.
2)BRAMMER Michael A.
3)MILLER Glenn A.

(57) Abstract :
The present invention relates to processes for producing organophosporous compositions having low acid content as well as processes for reprocessing partially degraded organophosporous compositions that contain high levels of phosphorous acid. In one embodiment, a process comprises: (a) receiving a solid organophosphite compound that has been recrystallized or triturated, wherein the solid organophosphite compound comprises phosphorous acid; (b) dissolving the solid organophosphite compound in a an aromatic hydrocarbon solvent in the absence of water and free amine, wherein the hydrocarbon solvent comprises an aromatic hydrocarbon, a saturated aliphatic hydrocarbon, or a mixture thereof; and (c) removing undissolved phosphorous acid from the solution, wherein the acid content of the organophosphite following step (c) is 30 ppm or less.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2017
(21) Application No.201714010099 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHODS AND SYSTEMS FOR SEMI-AUTONOMOUS LIGHTING CONTROL

(51) International classification :H05B37/02
(31) Priority Document No :15/406,708
(32) Priority Date :14/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Traderbox Limited
Address of Applicant :Flat 2, 22/F, Kwai Him Hse, Kwai Yin Court, Tai Wo Hau, TW, Hong Kong. Hongkong(China)
(72)**Name of Inventor :**
1)CHAN, Kai Man

(57) Abstract :
Systems and methods are provided for semi-automatic light control systems which support, amongst other features, receiving a light controlling values from one or more users and choosing an optimal light value based on the aggregated preferences of the present users. The lighting elements of the lighting system are further adjusted based on user perception profiles and other parameters. A semi-automatic determination may be made of a second light controlling value based on the first light controlling value and a user perception profile relating light parameter values with perceived light output values. Lighting element operation may be incrementally adjusted to meet the second light parameter value over a predetermined time period.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2018

(21) Application No.201818011312 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HEADSET SYSTEMS AND METHODS

(51) International classification :H04M1/6033
(31) Priority Document No :12/032,226
(32) Priority Date :15/02/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/033953
Filing Date :12/02/2009
(87) International Publication No :WO/2009/102889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6236/DELNP/2010
Filed on :02/09/2010

(71)**Name of Applicant :**
1)SOUNDMED, LLC
Address of Applicant :627 NATIONAL AVENUE, MOUNTAIN VIEW, CALIFORNIA 94043, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)Amir ABOLFATHI

(57) Abstract :
A wireless headset is adapted to communicate with a sound source such as a music player or a cell phone or a suitable audio or sound communicated through a one-way or two-way communication device. The headset includes a mouth wearable communicator; and a linking unit coupled to the mouth wearable communicator, the linking unit adapted to communicate with the sound source.

No. of Pages : 48 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201818011559 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HEAT TRANSFER COMPOSITIONS AND METHODS

(51) International classification :C05D9/02
(31) Priority Document No :61/176,773
(32) Priority Date :08/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034120
Filing Date :07/05/2010
(87) International Publication No :WO / 2010/129920
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :8695/DELNP/2011
Filed on :08/11/2011

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.
Address of Applicant :101 Columbia Road, Morristown, New Jersey 07962, United States of America U.S.A.
(72)**Name of Inventor :**
1)SAMUEL F. YANA MOTTA
2)MARK W. SPATZ
3)RONALD P. VOGL
4)ELIZABET DEL CARMEN VERA BECERRA

(57) Abstract :
Compositions, methods and systems which comprise or utilize a multi-component mixture comprising: (a) from about 10% to about 35% by weight of HFC-32; (b) from about 10% to about 35% by weight of HFC-125; (c) from about 20% to about 50% by weight of HFO- 1234ze, HFO- 1234yf and combinations of these; (d) from about 15% to about 35% by weight of HFC-134a; and optionally (e) up to about 10% by weight of CF3I and up to about 5% by weight of HFCO-1233ze, with the weight percent being based on the total of the components (a) - (e) in the composition.

No. of Pages : 18 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201818012676 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A METHOD FOR INACTIVATING VIRUS CONTAMINANTS IN A PROTEIN SAMPLE

(51) International classification :A61K41/0019
(31) Priority Document No :61/230,308
(32) Priority Date :31/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/061192
Filing Date :02/08/2010
(87) International Publication No :WO/2011/012726
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :907/DELNP/2012
Filed on :01/02/2012

(71)**Name of Applicant :**
1)BAXTER INTERNATIONAL INC.
Address of Applicant :One Baxter Parkway, Deerfield, Illinois 60015, United States of America U.S.A.
2)BAXTER HEALTHCARE S.A.
(72)**Name of Inventor :**
1)MEINHARD HASSLACHER
2)ARTUR MITTERER
3)CHRISTIAN FIEDLER
4)CHRISTA MAYER

(57) Abstract :
A method for inactivating virus contaminants in a protein sample, said method comprising: immobilizing said protein on a support; and treating said immobilized protein with a solvent-detergent mixture comprising a nonionic detergent and an organic solvent.

No. of Pages : 59 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2018

(21) Application No.201818012704 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : Hematopoietic Growth Factor Mimetic Small Molecule Compounds And Their Uses

(51) International classification :A61K31/15
(31) Priority Document No :61/251,259
(32) Priority Date :13/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052359
Filing Date :12/10/2010
(87) International Publication No :WO/2011/046954
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3669/DELNP/2012
Filed on :26/04/2012

(71)**Name of Applicant :**
1)Ligand Pharmaceuticals Inc.
Address of Applicant :11085 N. Torrey Pines Road, Suite 300, San Diego, CA 92037, U.S.A U.S.A.
(72)**Name of Inventor :**
1)ZHI, Lin
2)HUDSON, Andrew, R.
3)VAN OEVEREN, Cornelis, A.
4)ROACH, Steven, L.
5)PEDRAM, Bijan
6)SHEN, Yixing
7)VALDEZ, Lino, J.
8)BASINGER, Jillian
9)GRANT, Virginia, Heather, Sharron
10)PICKENS, Jason, C.

(57) Abstract :
The present embodiments relate to compounds with physiological effects, such as the activation of hematopoietic growth factor receptors. The present embodiments also relate to use of the compounds to treat a variety of conditions, diseases and ailments such as hematopoietic conditions and disorders.

No. of Pages : 510 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201818012976 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FUSED RING ANALOGUES OF ANTI-FIBROTIC AGENTS

(51) International classification :A61K9/2031
(31) Priority Document No :61/253,889
(32) Priority Date :22/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2010/001398
Filing Date :21/10/2010
(87) International Publication No :WO/2011/047432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3312/DELNP/2012
Filed on :17/04/2012

(71)**Name of Applicant :**
1)FIBROTECH THERAPEUTICS PTY LTD
Address of Applicant :Level 9, 31 Queen Street, Melbourne, Victoria 3000, Australia Australia
(72)**Name of Inventor :**
1)WILLIAMS, Spencer John
2)ZAMMIT, Steven
3)KELLY, Darren James

(57) Abstract :
The present invention relates to arylcarbonyl and heteroarylcarbonyl anthranilate compounds that may be useful as anti-fibrotic agents. The present invention also relates to methods for their preparation, pharmaceutical compositions containing these compounds and uses of these compounds in the treatment disorders.

No. of Pages : 155 No. of Claims : 105

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201818013004 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROTECTION OF A DISPERSING AGENT DURING GRINDING

(51) International classification :C04B40/0039
(31) Priority Document No :09/03862
(32) Priority Date :05/08/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051569
Filing Date :23/07/2010
(87) International Publication No :WO/2011/015761
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1088/DELNP/2012
Filed on :06/02/2012

(71)**Name of Applicant :**
1)Lafarge
Address of Applicant :61, rue des Belles Feuilles, F-75116 Paris (FR) France
(72)**Name of Inventor :**
1)NARANJO, Horacio
2)BARBARULO, Rmi
3)CHAUMILLIAT, Christine
4)MOSQUET, Martin
5)RAYANE, Marcel

(57) Abstract :
The present invention relates to the use, during the manufacture of cement, of a composition containing at least one dispersing agent and at least one sacrificial molecule for partially or totally maintaining the properties of the dispersing agent, the composition being in the form of either a liquid solution, an emulsion, or a suspension, the amount of the sacrificial molecule in the composition being at least 5 wt % of the weight of the dispersing agent and being added before or during the grinding of the clinker.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2017

(21) Application No.201714044262 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01K15/00
(31) Priority Document No :2017-005783
(32) Priority Date :17/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1, Toyota-cho, Toyota-shi, Aichi 471-8571, Japan Japan
(72)**Name of Inventor :**
1)MIWA, Koji
2)Takahiro TSUKAGOSHI
3)KITAURA, Koichi
4)INOSHITA, Kenji
5)YOSHIDA, Takeru
6)CHINZEI, Isao

(57) Abstract :
A direct injection injector injects all of fuel having an idle required fuel amount required for an idle operation and makes a port injection injector inject no fuel from a second time to a third time so that an internal combustion engine executes idle operation from second time to third time. A fuel cut operation in which the fuel is not injected from both the direct injection injector and the port injection injector is executed from third time so that operation of the internal combustion engine is stopped at or after third time. At least one of the direct injection injector and the port injection injector inject the fuel so that operation of the internal combustion engine is restarted when a predetermined engine restart condition is satisfied under a state where operation of the internal combustion engine is stopped at or after third time.

No. of Pages : 53 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2017

(21) Application No.201714044833 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPUTER SYSTEMS AND APPARATUS FOR COORDINATING USAGE OF AUTOMATIC TELLER MACHINES

(51) International classification :G06K17/00
(31) Priority Document No :10201700333V
(32) Priority Date :16/01/2017
(33) Name of priority country :Singapore
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Mastercard International Incorporated
Address of Applicant :2000 Purchase Street Purchase, NY 10577 United States of America U.S.A.
(72)**Name of Inventor :**
1)SHINDE, Rupesh Rajendra

(57) Abstract :
Acomputer system such a s a payment gateway computer system , identifies one or more ATMs which are close to a first location, determines whether they are able to dispense cash to users (e.g. a specified amount of cash specified by a user), and transmits that information to a user . The process may be triggered by a user communicating with the computer system over a communication interface, or upon an ATM issuing message indicating that it is not able to perform a cash dispensing operation specified by a user

No. of Pages : 43 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011757 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AMUSEMENT PARK RIDE TUNNEL

(51) International classification :A63G1/02,A63G4/00,A63G7/00
(31) Priority Document No :14/873731
(32) Priority Date :02/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/052874
Filing Date :21/09/2016
(87) International Publication No:WO 2017/058610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSAL CITY STUDIOS LLC
Address of Applicant :100 Universal City Plaza Universal City California 91608 U.S.A.
(72)**Name of Inventor :**
1)BOYLE Patrick Devin

(57) Abstract :
A ride system includes a tunnel a vehicle ride path in the tunnel an entrance disposed at a first end of the tunnel a second end of the tunnel one or more walls of the tunnel and a projection system to project images onto the one or more walls of the tunnel. The tunnel is curved such that the second end of the tunnel is not visible at an intermediate position between the first end of the tunnel and the second end of the tunnel.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011770 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ANTI PD 1 ANTIBODIES AND COMPOSITIONS

(51) International classification :C07K16/28,A61K39/00
(31) Priority Document No :62/236341
(32) Priority Date :02/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/073421
Filing Date :30/09/2016
(87) International Publication No :WO 2017/055547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SYMPHOGEN A/S
Address of Applicant :Pederstrupvej 93 2750 Ballerup Denmark
(72)**Name of Inventor :**
1)GALLER Gunther
2)GAD Monika
3)KOEFOED Klaus
4)HORAK Ivan D.
5)BOUQUIN Thomas
6)KRAGH Michael
7)PEDERSEN Mikkel

(57) Abstract :
This invention relates to anti PD 1 antibodies and methods of using them in treating diseases and conditions related to PD 1activity e.g. cancer.

No. of Pages : 99 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011771 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMBINED COMPOSITIONS FOR CONTROLLING BLOOD SUGAR LEVELS HEPATOPROTECTION AND FOR PREVENTION AND TREATMENT OF RELATED MEDICAL CONDITIONS

(51) International classification :A23L33/11,A61K31/575,A61P3/08
(31) Priority Document No :62/213718
(32) Priority Date :03/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2016/050959
Filing Date :01/09/2016
(87) International Publication No :WO 2017/037712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NATURAL SHIELD ISRAEL 2016 LTD
Address of Applicant :11 Alon Street 1524100 Kfar Tavor Israel
(72)**Name of Inventor :**
1)ILAN Yaron

(57) Abstract :
The invention relates to compositions and methods using various combinations of at least one of phytosterols lunasin peptide and plant extracts optionally in combination with at least one of soy extracts beta glycolipides and different adjuvants such as castor oil polyethylene glycol or beta cyclo dextrin for controlling blood sugar levels altered insulin resistance and/or hepatic function in a subject treating an immune related disorder treating liver damage and restoring liver function treating preventing ameliorating reducing or delaying the onset of acute or chronic toxic effect of a drug and for enhancing the therapeutic effect of a therapeutic agent in a subject.

No. of Pages : 98 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011772 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR PRODUCING VINYL CHLORIDE BASED POLYMER

(51) International classification :C08F2/38,C08F14/06,C08L27/06
(31) Priority Document No :1020160077236
(32) Priority Date :21/06/2016
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2017/005911
Filing Date :07/06/2017
(87) International Publication No :WO 2017/222213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LG CHEM LTD.
Address of Applicant :128 Yeoui daero Yeongdeungpo gu Seoul 07336 Republic of Korea
(72)**Name of Inventor :**
1)JU Jin Hyuck
2)HA Hyun Kyou
3)LIM Joong Chul
4)JEON Yang Jun
5)KANG Min Jeong

(57) Abstract :
The present invention relates to a method for producing a vinyl chloride based polymer and more specifically provides a method for producing a vinyl chloride based polymer the method comprising the steps of: preparing a mixture in which a first protective colloid aid and a chain regulator are mixed with each other (S1); stirring the mixture prepared in step (S1) to prepare a second protective colloid aid containing an activated chain regulator (S2); and feeding a vinyl chloride based monomer and a polymerization initiator in the presence of the second protective colloid aid prepared in step (S2) to polymerize the vinyl chloride based monomer (S3).

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011774 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MOBILE ZOOM USING MULTIPLE OPTICAL IMAGE STABILIZATION CAMERAS

(51) International classification :H04N5/225
(31) Priority Document No :62/235353
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/048475
Filing Date :24/08/2016
(87) International Publication No :WO 2017/058409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APPLE INC.
Address of Applicant :One Apple Park Way, Cupertino, California 95014, United States of America U.S.A.
(72)**Name of Inventor :**
1)MILLER Scott W.
2)SHARMA Shashank
3)LEE Simon S.

(57) Abstract :
In some embodiments a first camera unit includes a first actuator for moving a first optical package configured for a first focal length. A second camera unit of the multifunction device for simultaneously capturing a second image of a second visual field includes a second actuator for moving a second optical package configured for a second focal length and the camera system includes a shared magnet positioned between the first camera unit and the second camera unit to generate magnetic fields usable in creating motion in both the first camera actuator and the second camera actuator.

No. of Pages : 76 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/01/2018
(21) Application No.201814000410 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TOOL UNCLAMPING DEVICE

(51) International classification :F01K15/00
(31) Priority Document No :106200629
(32) Priority Date :13/01/2017
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHEN TU PRECISION MACHINERY CO., LTD.
Address of Applicant :NO. 56-5, HOUSHENG RD., SHENGANG DIST., TAICHUNG CITY, POSTAL CODE: 42952, TAIWAN Taiwan
(72)**Name of Inventor :**
1)WEN-CHUNG YEH

(57) Abstract :
A tool unclamping device includes a spindle unit (2), a tool change unit (3) and an unclamping unit (4). The spindle unit (2) includes a base seat (21). The tool change unit (3) includes a driving motor (31), a gear unit (32) connected to and driven by the driving motor (31), a cam unit (33) driven by the gear unit (32), and a tool change arm (34) driven by the cam unit (33), and rotatable relative to the tool holder (22). The unclamping unit (4) includes a driving member (41) drivably connected to the gear unit (32), a cam member (42) rotatably connected to the base seat (21), a driven member (43) co-rotatable with the cam member (42), and an unclamping arm (44) pivotally connected to the base seat (21), and rotated by the cam member (42) to drive a tool holder (22) to unclamp a tool (23).

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2018
(21) Application No.201814002130 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : EXHAUST GAS FLOW RATE MEASURING UNIT AND EXHAUST GAS ANALYZING APPARATUS

(51) International classification	:F01K27/00
(31) Priority Document No	:2017-007978
(32) Priority Date	:19/01/2017
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HORIBA, Ltd.
Address of Applicant :2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan Japan
(72)**Name of Inventor :**
1)KONDO, Yosuke
2)AOKI, Shintaro

(57) Abstract :
The present invention is an exhaust gas flow rate measuring unit 2 that eliminates the disturbance of the flow velocity distribution of exhaust gas flowing through an attachment pipe to accurately measure an exhaust gas flow rate, and is mounted in a vehicle to measure the flow rate of exhaust gas emitted from an exhaust pipe EH of the vehicle V In addition, the exhaust gas flow rate measuring unit 2 includes: the attachment pipe 3 that is connected to the exhaust pipe EH and forms a flow path R through which the exhaust gas flows; a flowmeter 4 that is provided in the flow path R and measures the flow rate of the exhaust gas flowing through the flow path R; and a straightening mechanism 5 that is provided on the upstream side of the flowmeter 4 in the flow path R

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2018

(21) Application No.201814002164 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTEGRATED ELECTRICAL PUMP AND OIL PRESSURE CONTROL METHOD THEREOF

(51) International classification :F01M9/10
(31) Priority Document No :2017 1003 9729.3
(32) Priority Date :19/01/2017
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JOHNSON ELECTRIC S.A.
Address of Applicant :FREIBURGSTRASSE 33 MURTEN CH-3280 SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)Youqing XIANG
2)Xiaoyuan HONG
3)Huabo LI
4)Qingliang LANG
5)Xiaojun YAN

(57) Abstract :
--AS UPLOADED--

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011662 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : POTATO CULTIVAR X17

(51) International classification :A23L19/15,C12N15/82,C12Q1/68
(31) Priority Document No :62/239060
(32) Priority Date :08/10/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/056086
Filing Date :07/10/2016
(87) International Publication No :WO 2017/062831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)J.R. SIMPLOT COMPANY
Address of Applicant :1099 W. Front Street Boise Idaho 83702 U.S.A.
(72)**Name of Inventor :**
1)RICHAEL Craig
2)YAN Hua
3)RASMUSSEN Jolyn
4)DUAN Hui
5)CHAMPOURET Nicolas
6)BALMUTH Alexi
7)YE Jingsong

(57) Abstract :
A potato cultivar designated X17 is disclosed. The invention relates to the tubers of potato cultivar X17 to the seeds of potato cultivar X17 to the plants of potato cultivar X17 to the plant parts of potato cultivar X17 to food products produced from potato cultivar X17 and to methods for producing a potato plant produced by crossing potato cultivar X17 with itself or with another potato variety. The invention also relates to methods for producing a potato plant containing in its genetic material one or more transgenes and to the transgenic potato plants and plant parts produced by those methods. This invention also relates to potato cultivars or breeding cultivars and plant parts derived from potato variety X17 to methods for producing other potato cultivars lines or plant parts derived from potato cultivar X17 and to the potato plants varieties and their parts derived from use of those methods. The invention further relates to hybrid potato tubers seeds plants and plant parts produced by crossing potato cultivar X17 with another potato cultivar.

No. of Pages : 55 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2018

(21) Application No.201817011663 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PHARMACEUTICAL ASSOCIATION OF GROWTH FACTOR RECEPTOR AGONIST AND ADHESION PROTEIN INHIBITOR FOR CONVERTING A NEOPLASTIC CELL INTO A NON NEOPLASTIC CELL AND USES THEREOF

(51) International classification	:A61K38/05,A61K38/07,A61K38/08
(31) Priority Document No	:62/219730
(32) Priority Date	:17/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2016/071795 :15/09/2016
(87) International Publication No	:WO 2017/046228
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)HISTIDE AG
Address of Applicant :Chaltenbodenstrasse 8 8834 Schindellegi Switzerland
(72)**Name of Inventor :**
1)ZOUANI Omar F.
2)GOCHEVA Veronika

(57) Abstract :
The present disclosure provides a pharmaceutical association comprising at least one growth factor receptor binding compound which activates at least one growth factor receptor of a neoplastic cell and at least one adhesion protein inhibitor which inhibits at least one transmembrane cell adhesion protein of said neoplastic cell.

No. of Pages : 228 No. of Claims : 125

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2017

(21) Application No.201714043140 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CAMSHAFT FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01K15/00
(31) Priority Document No :2017-005099
(32) Priority Date :16/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan
(72)**Name of Inventor :**
1)MORI, Kensuke

(57) Abstract :
In a camshaft for an internal combustion engine, integrally including: a shaft main portion that extends linearly; a plurality of valve-actuating cams disposed to be spaced apart from each other in an axial direction of the shaft main portion; and a pair of support arms extending along one diametric line of the shaft main portion radially outwardly from one end part of the shaft main portion and being fitted with a follower rotational body, a pair of overhangs are integrated with the shaft main portion and the pair of support arms, the overhangs extending between the support arms in a peripheral direction of the shaft main portion, and a thick-wall portion having a larger thickness in a direction along an axis of the shaft main portion is formed in part, on a radially outer side of the shaft main portion, of each of the overhangs.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2017

(21) Application No.201714047224 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : EVISCERATION APPARATUS AND A METHOD FOR EVISCERATING SUSPENDED POULTRY

(51) International classification :A22C
(31) Priority Document No :2018174
(32) Priority Date :16/01/2017
(33) Name of priority country :Netherlands
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEYN FOOD PROCESSING TECHNOLOGY B.V.
Address of Applicant :Westeinde 6, 1511 MA OOSTZAAN, the Netherlands. Netherlands
(72)**Name of Inventor :**
1)ZOMERDIJK, Hermanus Laurentius
2)KIKSTRA, Evert

(57) Abstract :
Evisceration apparatus for eviscerating a poultry carcass suspended by the legs, wherein the apparatus comprises an evisceration tool which is movable up and down, and into and out of a body cavity of the poultry, and wherein the evisceration tool comprises two bracket halves that connect to each other with a hinge at a lower extremity of the tool, wherein said two bracket halves are embodied with cooperating clamping faces adjacent to said hinge for clamping a part of the viscera of the poultry when the two bracket halves are moved towards each other from an open position into a closed position. The evisceration tool further com-prises a support bracket positioned next to the two bracket halves, which support bracket is movable up and down, and into and out of the body cavity of the poultry simultaneously and synchronously with the two bracket halves. The support bracket is further movable towards and away from the two bracket halves, wherein the support bracket can assume a position between the two bracket halves

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2017

(21) Application No.201714047257 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01K15/00
(31) Priority Document No :2017-004516
(32) Priority Date :13/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan
(72)**Name of Inventor :**
1)DOYAMA, Daisuke
2)KANAUMI, Shogo
3)OKOSHI, Satoru

(57) Abstract :
A control apparatus for an internal combustion engine, includes: a throttle operator; an opening degree detector that detects an operation opening degree of the throttle operator; and an electronic control throttle device that opens and closes a tltrottle valve disposed in an intake passage of the engine, depending on the operation opening degree detected by the opening degree detector. A throttle valve opening degree of the throttle valve is set to include a zero output tltrottle opening degree angle at which an output of the engine becomes zero between a low rotational speed region and a high rotational speed region of the engine. The operation opening degree of the throttle operator corresponding to the zero output throttle opening degree angle is set to an opening-side angle ratio that falls within a range between 8% and 12%, both inclusive, with respect to a folly-open opening degree of the throttle operator.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2017

(21) Application No.201714047395 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AUTHENTICATION METHOD AND APPARATUS FOR HANDOVER IN INTERWORKING OF LONG TERM EVOLUTION AND WI-FI

(51) International classification :H04W
(31) Priority Document No :201710024233.9
(32) Priority Date :13/01/2017
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEDIATEK SINGAPORE PTE. LTD.
Address of Applicant :NO.1 FUSIONOPOLIS WALK, #03-01 SOLARIS SINGAPORE 138628 SINGAPORE Singapore
(72)**Name of Inventor :**
1)Qu,Wenze
2)Cheng, Pi-Yuan
3)Hu, Yuhhua

(57) Abstract :
The present invention provides methods and apparatus for reducing Wi-Fi authentication process time in interworking of Long Term Evolution (LTE) and Wi-Fi. The method comprises: activating a Wi-Fi authentication process; monitoring a Wi-Fi signal quality; determining whether to stop the Wi-Fi authentication process according to the Wi-Fi signal quality; and stopping the Wi-Fi authentication process when the Wi-Fi signal quality does not satisfy a first specific condition. The UE comprises: a processing circuit, having functions of: activating a Wi-Fi authentication process; monitoring a Wi-Fi signal quality; determining whether to stop the Wi-Fi authentication process according to the Wi-Fi signal quality; and stopping the Wi-Fi authentication process when the Wi-Fi signal quality does not satisfy a first specific condition.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013045 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : €MULTI- OR DUAL-HEADED COMPOSITIONS USEFUL FOR CHAIN SHUTTLING AND PROCESS TO PREPARE THE SAME€ •

(51) International classification :C07F3/06,C08F2/38,C08F210/00
(31) Priority Document No :62/234856
(32) Priority Date :30/09/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/054173
Filing Date :28/09/2016
(87) International Publication No :WO 2017/058910
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)**Name of Inventor :**
1)SUN Lixin
2)DEVORE David D.

(57) Abstract :
The present disclosure relates to a process for synthesizing multi or dual headed compositions having the formula R1MA[R2MA] NR1 by employing a sterically hindered compound and an organometallic compound in the presence of a transition metal catalyst. The present disclosure further relates to use of the compositions as well as the process to make the same in olefin polymerization.

No. of Pages : 82 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013058 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELEVATOR DEVICE

(51) International classification :B66B5/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2015/078870
Filing Date :13/10/2015
(87) International Publication No :WO 2017/064745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI LTD.
Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan
(72)**Name of Inventor :**
1)KUBO Yosuke
2)HIRANO Kaoru
3)NAKAYAMA Tetsuya
4)TANAKA Yudai

(57) Abstract :
Provided is an elevator device which is equipped with a novel governor device that allows reliable meshing engagement between ratchet teeth of a ratchet wheel and a pawl of a fly weight. A pawl (28) meshing with ratchet teeth (17) of a ratchet wheel (16) is mounted on one side of the fly weight (18A), across a weight support shaft (27A) rotatably supporting the fly weight (18A), in order to cause the fly weight (18A) to move outward, and an inertia mass adjusting unit (33A) which makes the inertia mass of the fly weight equal to or smaller than that of the ratchet wheel (16) is formed on the other side of the fly weight (18A). Thus, it is possible to reliably mesh the ratchet teeth (17) of the ratchet wheel (16) with the pawl (28) of the fly weight (18A), and eliminate adverse effects, such as delays in the operation of an emergency stop device.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013059 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HPPD VARIANTS AND METHODS OF USE

(51) International classification :C12N15/82,C12N9/02
(31) Priority Document No :15184866.0
(32) Priority Date :11/09/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/071159
Filing Date :08/09/2016
(87) International Publication No :WO 2017/042259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER CROPSCIENCE AKTIENGESELLSCHAFT
Address of Applicant :Alfred Nobel Str. 50 40789 Monheim am Rhein Germany
2)BAYER CROPSCIENCE LP
(72)**Name of Inventor :**
1)LINKA Marc
2)POREE Fabien
3)LABER Bernd
4)LANGE Gudrun
5)TEBBE Jan
6)COCO Wayne
7)STRERATH Michael
8)WEBER Ernst
9)PAWLOWSKI Nikolaus
10)GESKE Sandra
11)BALVEN ROSS Heike
12)WOBST Nina
13)THIES Christina
14)DUBALD Manuel

(57) Abstract :
In the present invention, HPPD polypeptides and plants containing them showing a full tolerance against one or more HPPD inhibitor herbicides belonging to various chemical classes are described. A set of mutant HPPD polypeptides have been designed which have either no or only a significantly reduced affinity to HPPD inhibitor herbicides and, at the same time, the rate of dissociation of the HPPD inhibitors of the mutant HPPD polypeptide is increased to such an extent that the HPPD inhibitors no longer act as slow-binding or slow, tight-binding inhibitors but, instead of this, have become fully reversible inhibitors. In particular, isolated polynucleotides encoding mutant HPPD polypeptides conferring tolerance to HPPD inhibitor herbicides belonging to various chemical classes are provided. Additionally, amino acid sequences corresponding to the polynucleotides are encompassed.

No. of Pages : 93 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2018

(21) Application No.201817013061 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SINTERED COMPACT AND METHOD FOR PRODUCING SAME

(51) International classification :C22C1/05,B22F1/00,B22F3/14
(31) Priority Document No :2015214681
(32) Priority Date :30/10/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/082010
Filing Date :28/10/2016
(87) International Publication No :WO 2017/073712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO ELECTRIC INDUSTRIES LTD.
Address of Applicant :5 33 Kitahama 4 chome Chuo ku Osaka shi Osaka 5410041 Japan
(72)**Name of Inventor :**
1)ISHII Akito
2)WATANOBE Naoki
3)HARADA Takashi
4)KUKINO Satoru

(57) Abstract :
Provided is a sintered compact characterized by comprising: hard particles made from of one or more selected from the group consisting of cubic boron nitride, Al2O3, AlON, SiAlON, TiC, TiCN, TiN, WC and diamond; a metal binder phase containing Co or Ni as the primary component and at least one element selected from the group consisting of Co, Ni, Al, W, V and Ti; and Al2O3 dispersed in the metal binder phase.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2018

(21) Application No.201817012785 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHODS AND APPARATUS FOR IMPROVING INTER RADIO ACCESS TECHNOLOGY MEASUREMENTS

(51) International classification	:H04W76/04,H04W24/10,H04W36/14
(31) Priority Document No	:62/257680
(32) Priority Date	:19/11/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/060352 :03/11/2016
(87) International Publication No	:WO 2017/087181
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)HOOVER Scott Allan
2)SANTHANAM Arvind Vardarajan
3)BALASUBRAMANIAN Srinivasan
4)DESAI Kushang
5)HINGORANI Vishal
6)RAJENDRAN Rajarajan
7)FENG Hua
8)CORLEY Michael Allen
9)SHAH Selvi

(57) Abstract :
Certain aspects of the present disclosure relate to methods and apparatus for improving inter-Radio Access Technology (RAT) measurements. A user equipment (UE) determines, while in a connected state Discontinuous Reception (CDRX) mode in a first cell of a first Radio Access Technology Network (RAT), that a second cell of a second RAT is to be measured. The UE schedules at least two operational periods related to transitioning between ON and OFF states of the CDRX mode to overlap, to increase a period available for measuring signals in the second cell.

No. of Pages : 29 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2017

(21) Application No.201714041070 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BUSHING FOR GAS CONTAINERS

(51) International classification :H01B17/36
(31) Priority Document No :10-2017-0008031
(32) Priority Date :17/01/2017
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KANG, Gye Hong
Address of Applicant :(JWA-DONG, HAEUNDAE BYUCKSAN 2CHA APT.) #701, 203-DONG, 11, JWADONGSUNHWAN-RO 299BEON-GIL HAEUNDAE-GU BUSAN REPUBLIC OF KOREA Republic of Korea
(72)**Name of Inventor :**
1)KANG, Gye Hong
2)CHAE, Jin Woong

(57) Abstract :
The present invention provides a bushing for a gas container for primarily preventing the leakage of gas by enhancing the adhesion between an outer body and an inner body and secondarily preventing the leakage of gas through an 0-ring. According to the present invention, the outer circumferential surface of the inner body is formed in a shape corresponding to that of the inner circumferential surface of the outer body and then the inner body is coupled to the outer body so that the adhesion between the outer body and the inner body is strengthened and thus the leakage of gas can be prevented, and the lower portion of the inner body is coupled via the coupling member and then the 0-ring is provided between the outer body and the coupling member so that the gas in the container can prevented from leaking to the outside.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/11/2017

(21) Application No.201714041802 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SLIP YOKE ASSEMBLY

(51) International classification :F16D3/84
(31) Priority Document No :15/406,831
(32) Priority Date :16/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ArvinMeritor Technology, LLC
Address of Applicant :2135 West Maple Road, Troy, Michigan 48084, United States of America U.S.A.
(72)**Name of Inventor :**
1)LENTINI, Anthony
2)STEELE, Christopher
3)KWASNIEWSKI, Dale
4)LANG, Kenneth

(57) Abstract :
A slip yoke assembly having a shaft sleeve, a yoke sleeve, and a yoke. The yoke sleeve may have a set of yoke sleeve splines that may mate with a set of shaft sleeve splines and permit axial movement of the yoke sleeve with respect to the shaft sleeve. The yoke may be fixedly disposed on the yoke sleeve.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2018

(21) Application No.201814001943 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DRAWING METHOD, DRAWING APPARATUS, AND RECORDING MEDIUM

(51) International classification :G02B27/017
(31) Priority Document No :2017-005990
(32) Priority Date :17/01/2017
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CASIO COMPUTER CO., LTD.
Address of Applicant :6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543, Japan Japan
(72)**Name of Inventor :**
1)Hirokazu Tanaka

(57) Abstract :
According one embodiment, there is provided a drawing method, that comprises: when at least part of a first surface and at least part of a second surface are practically congruent to each other in a three-dimensional coordinate system, assigning each of a first drawing pattern related to the first surface and a second drawing pattern related to the second surface to any one of more than one unit drawing area forming the at least part of the first surface or the at least part of the second surface, drawing the more than one unit drawing area by using the first drawing pattern and the second drawing pattern each assigned to any one of the more than one unit drawing area, and thereby drawing the at least part of the first surface or the second surface.

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2018

(21) Application No.201814001946 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SURGICAL HANDPIECE WITH REVERSE FLOW PRIMING

(51) International classification :F01K27/00
(31) Priority Document No :62/447,648
(32) Priority Date :18/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Novartis AG
Address of Applicant :Lichtstrasse 35, 4056 Basel, Switzerland Switzerland
(72)**Name of Inventor :**
1)James Y. Chon
2)Robert Stephen Maurer, Jr.
3)Satish Yalamanchili

(57) Abstract :
A method and system provide a surgical handpiece including a housing and a horn. The housing has a retrograde channel and a chamber a therein. The retrograde channel connects an irrigation line and the chamber. The horn is held within the housing such that a portion of the horn resides within the chamber.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2017

(21) Application No.201714038922 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTEGRATED ROBOTICS AND ACCESS MANAGEMENT FOR TARGET SYSTEMS

(51) International classification :G06F21/52
(31) Priority Document No :15/406,559
(32) Priority Date :13/01/2017
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Accenture Global Solutions Limited
Address of Applicant :3 Grand Canal Plaza, Grand Canal Street Upper, Dublin 4, Ireland Ireland
(72)**Name of Inventor :**
1)Sanjeev SHUKLA
2)Gaurav TANDON
3)Rexall E. THEXTON
4)Neha JOSHI
5)David Michael PARKER
6)Avinash RAMESH
7)Krishna M. DASARI
8)Parvathy RAMAKRISHNAN

(57) Abstract :
An access management robot facilitation system facilitates a robot to execute access management tasks on a target system. REFER TO FIGURE 1

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2017

(21) Application No.201711002060 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS FOR PREPARATION OF STERILIZED BLACK PEPER SEEDS USING INFRARED ENERGY

(51) International classification :C04B35/185
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN,2 RAFI MARG NEW DELHI-110001 INDIA Delhi India
(72)**Name of Inventor :**
1)GADA CHENGAIYAN JEEVITHA
2)HALAGUR BOGE GOWDA SOWBHAGYA
3)HANGLUR HEBBAR UMESH
4)KARUMANCHI SREESAILA MALLIKARJUNA SRINIVASA RAGHAVARAO

(57) Abstract :
The present invention relates to a simple, short duration single step process for sterilization of black pepper seeds without significantly affecting product quality. The uniqueness of the present invention is the application of high intensity infrared energy of specific wavelength in a controlled manner to preconditioned whole black pepper to obtain completely sterile black pepper having desirable moisture content and without significantly affecting volatile oil, piperine, resin and color. Since black pepper seeds with higher moisture content (32%) could be used for sterilization by this process, it reduces the load on sun drying, which is normally carried out to reduce the moisture content of harvested black pepper seeds. This process obviates the drawbacks such as post-sterilization drying and possibility of recontamination which are normally associated with steam sterilization process. More particularly, the present invention provides a continuous process for sterilization which is easy to scale up.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2017

(21) Application No.201711002061 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PREPARATION OF INTERMEDIATE SIDEROPHORE AERUGINIC ACID COUPLED IRON NANOPARTICLES AND USES THEREOF

(51) International classification :C07H19/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :ANUSAHNDHAN BHAWAN 2 RAFI MARG NEW DELHI-110001 INIDA Delhi India
(72)**Name of Inventor :**
1)CHATTERJEE PABITRA BARAN
2)MUDHULKAR RAJU
3)NAIR RATISH RAJGOPALAN

(57) Abstract :
The present invention discloses the synthesis of a novel fluorimetric chemosensor having an intermediate siderophore coated iron nanoparticles AGFeNPs which can recognize very selectively and efficiently Al3+ in pure water without any interference from other competitive metal ions under physiological conditions (pH 7.4). Since magnetic in nature, AGFeNPs can also remove excess Al3+ in water with the application of an external magnetic field.


Figure 1

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2017

(21) Application No.201711002062 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : IMMUNOSUPPRESSIVE AGENTS, DERIVATIVES THEREOF

(51) International classification :A61K31/554
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN ,2 RAFI MARG NEW DELHI-110001 INDIA Delhi India
(72)**Name of Inventor :**
1)JOLLY RAVINDER SINGH
2)SHARMA AMAR NATH
3)MISHRA PRADEEP
4)VAID BHAVNA
5)KHATRI NEERAJ

(57) Abstract :
Provided herein is a compound having the Formula 1, all of its related stereoisomers and their pharmaceutical acceptable salts with immunosuppressive property and process for preparation thereof. The said molecule provides potent anti-proliferative activity in lymphocyte proliferation assay and in mouse skin graft rejection assay. Further, the said molecule is a valuable lead compound in development of improved immunosuppressive agents.

No. of Pages : 51 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2016

(21) Application No.201611038068 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AN IMPROVED PROCESS FOR CONVERSION OF ALKANES TO ALKENES

(51) International classification	:C07B 33/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN 2, RAFI MARG, NEW DELHI-110001, INDIA Delhi India
(72)**Name of Inventor :**
1)THIRUMALAISWAMY RAJA
2)ASHOK KUMAR VENUGOPAL
3)ASWATHY THAREPARAMBIL VENUGOPALAN
4)MARIMUTHU PRABU

(57) Abstract :
The present invention disclosed an improved process for the conversion of alkanes to alkenes in the presence of a recyclable mixed oxide and perovskite catalyst with high yield.

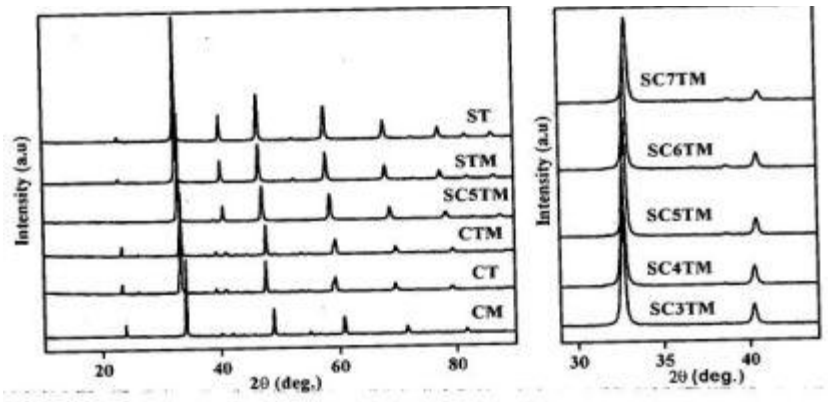


Fig: 1

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2016
(21) Application No.201621036376 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM AND METHOD TO IMPROVE DSDS USER EXPERIENCE AND NETWORK KPI

(51) International classification	:H04W 72/00 H04W 76/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Reliance Jio Infocomm Limited
Address of Applicant :3rd Floor, Maker Chamber-IV, 222, Nariman Point, Mumbai € 400 021, Maharashtra, India
Maharashtra India
(72)**Name of Inventor :**
1)RANJIT KUMAR
2)ULHAS DATTARAM PARAB
3)NIKHIL V GHADGE
4)AMOL MADHUKAR KADAM
5)SAGAR TAYAL

(57) Abstract :
Embodiments of the present disclosure may relate to a system and method for updating a status information of a first SIM [112A] and a second SIM [112B] of a user equipment [110] at a network entity [140]. In a preferred embodiment, the system [100] comprising: the network entity [140] configured to receive and/or initiate a first voice call from the first SIM [112A]; and the user equipment [110] configured to allocate a radio resource to the second SIM [112B] for transmitting the status information to the network entity [140]; allocate the radio resource to the first SIM [112A] for availing the first voice call; and re-allocate the radio resource to the second SIM [112B] for transmitting the status information (indicating availability of the second SIM [112B]) to the network entity [140] the user equipment [110] in an event the voice connection on the first SIM [102A] is disconnected.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

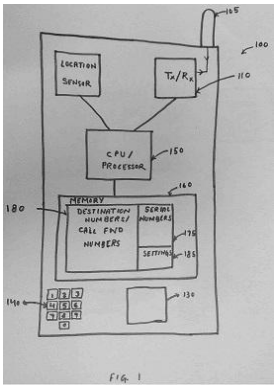
(21) Application No.201721001561 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SYSTEM AND METHOD OF CALL FORWARDING TO MULTIPLE DESTINATION NUMBERS

(51) International classification	:H04M3/00, H04M3/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Viren K. Sandhavi
Address of Applicant :1 Vir Ratana Bunglow, Opp. Indoor Stadium, Ghod Road, Surat-395007, Gujarat, India Gujarat India
(72)**Name of Inventor :**
1)Viren K. Sandhavi

(57) Abstract :
The present invention relates to a method of call forwarding. The method including the steps of entering, editing and storing multiple destination numbers through an interface on a communication device to which calls are to be forwarded; assigning a serial number to each destination number; and forwarding a call to a destination number corresponding to the serial number suffixed to a parent number dialled by a dialler. Fig. 1



No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2017

(21) Application No.201721001575 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HAIR MEASURE AND SCALP ZONE IDENTIFIER FOR HAIR MASS TRICOMETERY

(51) International classification	:A61Q 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)dr.anil kumar garg
Address of Applicant :DR.ANIL KUMAR GARG, REJUVENATE HAIR TRANSPLANT CENTRE 2/1 RS BHANDARI MARI,JANGIRWALA CHOURAHA, INDORE INDIA 452003. Madhya Pradesh India
(72)**Name of Inventor :**
1)dr.anil kumar garg

(57) Abstract :
Hair loss is very common problem in today€™s era, especially for younger population. To diagnose early hair loss and to monitor effect of medical treatment we need a device .the invented device the hairmeasure and scalp zone identifier are very economical user friendly device accomplishing the the purpose to diagnose and to see efficacy of treatment. As compare to other device this is very very economical and cost is one time and this is no disposable material used so every time the examination cost is nil. CONCLUSION (0062) Since its introduction, the cross-section trichometer has been adopted by the health and beauty industry to evaluate the efficacy of hair care products. A newer version of the trichometer, commercially named Hair MEASURE, has been designed specifically for the office evaluation of hair loss. Its application in clinical settings promises to help improve the evaluation and treatment of hair loss. REFERENCE(0063) (0064)1. Arnold J. Hair mass index, 4th Annual Congress European Society of Hair Restoration Surgery, Barcelona, 2001. 2. Neidel FG, Bretschneider P. Measuring hair mass. In: Unger W, Shaprio R, eds. Hair Transplantation. New York: Marcel Dekker, 2004: 876. 3. Cohen BH. The cross section trichometer: a new device for mea- suring hair quantity, hair loss, and hair growth. Derm Surg 2008; 34: 900€10. 4. Cohen BH. Hair breakage: an underappreciated cause of hair loss in women. Hair Transpl Forum Int 2008. 5. Stough D. Commentary on the cross section trichometer: a new
device for measuring hair quantity, hair loss, and hair growth. Derm Surg 2008; 34: 910€11. 6. Marritt E. The death of the density debate. Dermatol Surg 1999; 5: 654€60. 7. Parsley W. Donor site measurement. In: Haber R, Stough D, eds. Hair Transplantation, Philadelphia, PA: Elsevier; 2006: 101.

No. of Pages : 40 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2017

(21) Application No.201721001630 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROCESS FOR MAKING WATER DISPERSIBLE LECITHIN.

(51) International classification	:A23J 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ASHISH MANTRI
Address of Applicant :ABHAY NATURAL SUGARS PVT. LTD., 27, MAHALAKSHMI NAGAR, MANTHA ROAD, JALNA, MAHARASHTRA, INDIA-431 203. Maharashtra India
(72)**Name of Inventor :**
1)ASHISH MANTRI

(57) Abstract :
The present invention discloses a fast and controlled process to produce water dispersible lecithin from crude lecithin using chemical treatment. The water dispersible lecithin obtained using this process is having very low acid value with acetone insoluble value of 60-65%. The water dispersibility of the lecithin obtained is 98-100%. This water dispersible lecithin can be used as choline supplement in poultry and aqua feed and in bakery and food products as emulsifier.

No. of Pages : 9 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2017
(21) Application No.201721001631 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FRACTIONATION OF THE CRUDE LECITHIN FOR THE ENRICHMENT OF PHOSPHATIDYLCHOLINE AND PHOSPHATIDYLINOSITOL.

(51) International classification	:C11B 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ASHISH MANTRI
Address of Applicant :ABHAY NATURAL SUGARS PVT. LTD., 27, MAHALAKSHMI NAGAR, MANTHA ROAD, JALNA, MAHARASHTRA, INDIA-431 203. Maharashtra India
(72)**Name of Inventor :**
1)ASHISH MANTRI

(57) Abstract :
The present invention discloses an efficient and cost effective solvent fractionation process for separation of phosphatidylcholine and phosphatidylinositol from crude lecithin. The phosphatidylcholine was enriched up to 38% (w/w) with acetone insoluble value in the range of 52 to 58. The phosphatidylinositol enrichment was performed using integration of solvent fractionation with membrane filtration. The phosphatidylinositol was enriched up to 50% (w/w) with acetone insoluble value in the range of 70 to 75%.

No. of Pages : 11 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2017

(21) Application No.201721001650 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SYSTEM TO GENERATE ELECTRICITY FROM THE POWER INDUCED BY THE BACK DRAG FORCE ON THE TRAIN.

(51) International classification	:F03D 9/00 F03D 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRATIK D. VAIDYA
Address of Applicant :11, VIJAY NAGAR, TARSALI, VADODARA, GUJARAT, INDIA-390009. Gujarat India
(72)**Name of Inventor :**
1)PRATIK D. VAIDYA

(57) Abstract :
This invention is built to consume the energy generated at the rear end of the train due to backdraft force in which the air rushes to fill the vacuum; making it a system where the kinetic energy of the wind is used to obtain mechanical energy and the mechanical is used to generate electricity due to which this process becomes a renewable energy source. It is made completely automatic to adjust itself to obtain maximum efficiency from the wind power backdraft force and it can also be operated manually in case the automatic system does not serve the purpose. The power obtained can either directly be used in the functioning of the electric appliances on the train or else it can be stored in batteries which can later be used in different multiple applications at varying locations. This system can be attached to all the trains which travel almost at a consistent speed and on long routes.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201721001762 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AN INJECTION NEEDLE

(51) International classification	:A61M 5/00 A61B 17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PISAT, Sanket
Address of Applicant :1005 Manish Tower, Manish Nagar, 4 bungalows, JP road, Andheri west, Mumbai 400053 Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)PISAT, Sanket

(57) Abstract :
The problem to be solved is to infuse solutions like vasopressin into the fibroid or the like during laparoscopic surgeries to constrict blood vessels for making clean and bloodless field for surgery, without directly infusing the vasopressin into the blood vessels, which are very small and thin walled, and the problem is solved by providing an infusion device (100) as in present invention that includes a hollow needle (120) with a tube (130) that confirms puncturing of blood vessel by observing blood through the tube (130), as a result of which the hollow needle (120) is withdrawn from the blood vessel and repositioned on the visceral organ, and this repositioning continues till no blood is observed in the tube (130), thereafter the vasopressin is infused by the infusion device (100) into the tissue mass, thus ensuring that the solution like vasopressin is infused into the fibroid and not directly into the blood vessel. Figure 1 is the representative figure.

No. of Pages : 33 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201721001779 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : NANO-ELECTRO-MECHANICAL SWITCH

(51) International classification :H03K19/02, H03K19/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
Address of Applicant :Indian Institute of Technology Bombay, Powai, Mumbai- 400076, Maharashtra, India. Maharashtra India
(72)**Name of Inventor :**
1)Gilda, Neena Avinash
2)Vaidya, Gayatri Prabhakar
3)Baghini, Maryam Shojaei
4)Rao, V. Ramgopal

(57) Abstract :
According to the present disclosure, a nano-electro-mechanical device comprises a semiconductor substrate, an oxide layer over the semiconductor substrate, a first electrode deposited over the oxide layer, and a second electrode placed above the first electrode and resting on the oxide layer of semiconductor substrate generating a hanging beam, and providing an air gap portion between the first and second electrode. The second electrode is configured to move down electrostatically to enable an electrical contact with the first electrode when an actuation voltage is applied between the first electrode and the second electrode. The nano-electro-mechanical device further comprises additional layers coated on the second electrode surface for sensing an analyte in ambient air. Additional layers comprise a thin capping layer or adhesion layer and a top layer characterized having a change in at least one characteristic of the nano-electro-mechanical device when exposing to the analyte in ambient air.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2017

(21) Application No.201721001843 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS FOR PREPARING 2-(2,3-DICHLOROPHENYL)-2-(AMINOGUANIDINE)ACETONITRILE SALT

(51) International classification :C07C281/18, C07C255/03
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)M/S HARISHREE AROMATICS & CHEMICALS PVT. LTD.
Address of Applicant :M/S Harishree Aromatics & Chemicals Pvt. Ltd. F-9, M.I.D.C., Badlapur, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)Dr. HERLEKAR, Omkar Pravin

(57) Abstract :
Abstract: A process for preparing 6-(2,3-dichlorophenyl)-1,2,4-triazine-3,5-diamine by first reacting 2,3- dichlorobenzoyl cynide with the reaction mixture of methansulphonic acid and polyphosphoric acid, followed by adding aminoguanidine bicarbonarte to the reaction mixture and stirring the reaction mixture at room temperature. The obtained intermediate 2-(2,3-dichlorophenyl)-2-(aminoguanidine)-acetonitrile monomesylate is simply precipitated by adding water and by cooling at reduced temperature. Dated this 17th day of January 2017 Signature: Name: Mr. Parag M. more Patent Agent for applicant Patent Agent Regn. No. IN/PA-1688

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201721001907 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DECANTER CENTRIFUGE

(51) International classification :B04B1/20, B04B11/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MR. SHAHAJI KESHAV CHAVAN
Address of Applicant :SAI, PLOT-48, SECTOR-4, SANTNAGAR MOSHI PRADHIKARAN, PUNE-412105, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)MR. SHAHAJI KESHAV CHAVAN

(57) Abstract :
The present invention relates to decanter centrifuge system and more particularly to a system and method to reduce wear resistance at feed zone of conveyor by diverting and breaking the flow coming from the inlet by placing obstruction in the flow. Accordingly, the present invention enhances the clarification obtained by decanter centrifugal separation by providing filtration and static settling, active one movement more differential speeds using three stage gearboxes, conveyor partition plate between solids & liquids during solid-liquid separation; active more solids dryness. The present invention also provide compact design by providing sealed construction to control odor emissions and avoid contamination of the product for ease of operation with continuous or automatic control systems; resulting into limited consumables such as filter media or filter aids.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201721001937 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FOLDABLE DESERT COOLER

(51) International classification	:F02M 26/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Shubham Sanjay Halmare
Address of Applicant :Sai colony, Nehru ward, Tirora - 441911 Maharashtra India
(72)**Name of Inventor :**
1)Shubham Sanjay Halmare

(57) Abstract :
Following invention provides a foldable evaporative cooler in which two of the three sides of the housing (left and right) are foldable in nature, which are constructed in two parts. Both the parts individually are connected together with the hinges and joints so that when not in use they can be folded. The fan used in the cooler is detachable fan. A conventional table fan or any foldable/ detachable fan may be used for the said purpose, so that when the cooler is to be stored when it is not in use, it can be either separated or detached from the assembly.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201721001948 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : OPTICAL FIBER FOR IN-HOUSE APPLICATIONS

(51) International classification :G02B6/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STERLITE TECHNOLOGIES LIMITED
Address of Applicant :E-1, E-2, E-3, MIDC, WALUJ, AURANGABAD-431136, MAHARASHTRA, INDIA.
Maharashtra India
(72)**Name of Inventor :**
1)ANAND KUMAR PANDEY
2)SRAVAN KUMAR
3)PHILL COPPIN
4)KISHOR SAHOO

(57) Abstract :
[0001] The present disclosure provides an optical fiber. The optical fiber includes a core region. The core region is defined by a region around a central longitudinal axis of the optical fiber. In addition, the optical fiber includes a cladding region. The cladding region surrounds the core region. Moreover, the optical fiber includes a first coating layer. The first coating layer surrounds the cladding region. Further, the optical fiber includes a second coating layer. The second coating layer surrounds the first coating layer. Furthermore, the optical fiber includes a third coating layer. The third coating layer surrounds the second coating layer. Also, the optical fiber includes a fourth coating layer. The fourth coating layer surrounds the third coating layer. The range of diameter and type of materials used for each coating layer provides strength greater than equal to 5GPa to the optical fiber.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2017

(21) Application No.201721001954 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SPATIAL KNOCK PATTERN BASED DOOR LOCK SYSTEM.

(51) International classification	:G08B13/08	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)VISHAL B VATNANI**
(32) Priority Date	:NA	Address of Applicant :C-104, ISCON HEIGHTS, GOTRI ROAD, VADODARA-390 021, GUJARAT, INDIA. Gujarat India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)VISHAL B VATNANI**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention provides a spatial knock pattern based door lock system wherein the act of unlocking a door can be performed by knocking strategically on plurality of sensors such as piezo sensors or ultrasonic transducers, spread across the surface of a door. The invention closely relates to the field of electronic systems, and in particular, home security systems. The present system can be made to learn a predefined knock pattern as stated by the user, which upon being matched by the knock pattern performed on the surface of the door with the pattern stored in the system memory, unlocks the door through the means of a motor attached to the controller. One notable advancement that the present invention makes to the field of knock based door lock systems compared to the existing inventions, is the incorporation of a plurality of knock sensors compared to a singular sensor described in the existing systems. The relative spatial positions of each succeeding knocks on each sensor and the interval of time between these knocks together form a knock pattern which this system recognizes.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201721001989 A
(19) INDIA
(22) Date of filing of Application :18/01/2017
(43) Publication Date : 20/07/2018

(54) Title of the invention : INJECTION MOLDING MACHINE, QUICK CHANGE MOLD SYSTEM AND METHOD THEREOF

(51) International classification	:B29C 45/00 B29C 33/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT// :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Darteno Industries
Address of Applicant :Plot No. 1208, Phase IV, GIDC Vitthal Udhognagar, Anand 388001, Maharashtra India
(72)**Name of Inventor :**
1)Dhruv Doshi
2)Pankaj Doshi

(57) Abstract :
ABSTRACT INJECTION MOLDING MACHINE, QUICK CHANGE MOLD SYSTEM AND METHOD THEREOF The present invention present invention provides an injection molding system to be used in applications such Research and Development, Quality Control laboratory and the like for quick removal or replacement of a mold and a method for quick changing mold thereof. The injection molding machine (100) includes T-bar (111) provided on halves of a conical mold slidably engaging with T-slot provided in the holder (113) of a holder (113). The conical mold (118) has a connecting pin (119) for connecting the mold (118) with a clamping piston (104). The holder (113) having a predefined angular configuration. The injection molding machine (110) of the present invention facilitates quick replacement of the mold.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2017

(21) Application No.201721002127 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : IBUPROFEN COCRYSTAL AND ITS PREPARATION

(51) International classification	:C07D213/82, C07C57/30	(71)**Name of Applicant :** **1)Kulkarni Alpana Pradeep**
(31) Priority Document No	:NA	Address of Applicant :A-201, Nancy Bramha Residency,
(32) Priority Date	:NA	N.D.A. Pashan Road, oppRamnagar Police Chowki, Bavdhan,
(33) Name of priority country	:NA	Pune-411028, Maharashtra, India Maharashtra India
(86) International Application No	:NA	**2)Bachhav Ritesh Rajendra**
Filing Date	:NA	**3)Shashtri Aarati Renukadas**
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)Kulkarni Alpana Pradeep**
Filing Date	:NA	**2)Bachhav Ritesh Rajendra**
(62) Divisional to Application Number	:NA	**3)Shashtri Aarati Renukadas**
Filing Date	:NA	

(57) Abstract :
The present invention provides an ibuprofen cocrystal. The cocrystals are characterized by % yield, % drug content, aqueous solubility, DSC, XRD, IR, stability, compatibility, invitro drug release, in vivo analgesic activity. The cocrystals are prepared using povidone as a coformer. The process involves mixing Ibuprofen lysine with povidone in a mixer for a period of 10 to 30 minutes to obtain a homogenised mixture; adding ethanol in a drop-wise fashion to said mixture with continuous trituration for a period of 10-30 minutes to obtain a dispersion; and evaporating ethanol from said dispersion at a temperature ranging from 32-400C to obtain cocrystals of ibuprofen.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2017

(21) Application No.201724021540 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BATTERY PROTECTING APPARATUS

(51) International classification	:H01H 69/00 H02H 7/18
(31) Priority Document No	:2016-158801
(32) Priority Date	:12/08/2016
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUMI ELECTRIC CO., LTD.
Address of Applicant :2-11-2, Tsurumaki, Tama-Shi, Tokyo 206-8567, Japan Japan
(72)**Name of Inventor :**
1)Nobuhito TANAKA
2)Yoshihiro SATAKE
3)Norihito KAWAGUCHI
4)Koji KOSHIMIZU
5)Kaoru USUI
6)Yusuke OBA

(57) Abstract :
A battery protecting apparatus includes: a charging/discharging control chip including a charging control FET and a discharging control FET connected to a secondary battery; a protecting chip configured to control, based on a voltage between both ends of the secondary battery, the FETs to prevent overcharging, over discharging, and an overcurrent; and a lead frame having a connection surface for a plurality of external terminals and another surface in conduction with the connection surface. Said another surface is electrically connected, via a conductive material, to terminals of the FETs formed on a front surface of the charging/discharging control chip. A back surface of the protecting chip faces a back surface of the charging/discharging control chip via an insulative member. Terminals of the protecting chip are electrically connected to said another surface through bonding wires. The charging/discharging control chip and the protecting chip are covered by a resin.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2017

(21) Application No.201724021635 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : VACUUM INTERRUPTER

(51) International classification	:H01H 33/00
(31) Priority Document No	:10-2016-0176746
(32) Priority Date	:22/12/2016
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LSIS CO., LTD.
Address of Applicant :LS Tower, 127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 14119, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
1)RYU, Jae-Seop

(57) Abstract :
The present disclosure relates to a vacuum interrupter that is installed within a vacuum circuit breaker to break a circuit. The vacuum circuit breaker includes an insulated container, a seal cup, a fixing electrode, a diaphragm, and a movable electrode. The insulated container is formed in a cylindrical form having a hollow, and a top and a bottom thereof are opened. The seal cup is installed on an upper end of the insulated container. The fixing electrode includes a fixing shaft having one end fixed to the seal cup and the other end disposed within the insulated container, and a fixing contact member installed on the other end of the fixing shaft. The diaphragm is installed on a lower end of the insulated container to seal an interior of the insulated container, and is formed in a disc form of a concave and convex shape having an opened center so as to be stretchable in a vertical direction. The movable electrode includes a movable shaft having one end fixed to the diaphragm and the other end disposed within the insulated container and formed to be linearly movable, and a movable contact member installed on the other end of the movable shaft to be selectively contacted to the fixing contact member.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2017
(21) Application No.201724021859 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INFORMATION PROCESSING METHOD, ELECTRONIC DEVICE, AND INFORMATION PROCESSING APPARATUS

(51) International classification	:G06F 1/00 G06F 3/00 G06F 11/00
(31) Priority Document No	:201610875617.7
(32) Priority Date	:30/09/2016
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LENOVO (BEIJING) CO., LTD.
Address of Applicant :No.6, Shang Di West Road, Haidian District, Beijing 100085, P.R. China China
(72)**Name of Inventor :**
1)TIAN, Jiangtong

(57) Abstract :
An information processing method, an electronic device, and an information processing apparatus are provided. The information processing method comprises determining whether a display output state of a display screen satisfies a first preset condition; in response to the first preset condition being satisfied, controlling a key region to be in a mis-touch avoidance mode; in the mis-touch avoidance mode, in response to a first operation at the key region being detected, determining whether the first operation satisfies a second preset condition; and in response to the second preset condition being satisfied, controlling the key region to be unresponsive to the first operation. [FIG 1]

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2017

(21) Application No.201724021979 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : OPTICAL IMAGE ASSEMBLY, IMAGE CAPTURING APPARATUS AND ELECTRONIC DEVICE

(51) International classification	:G03B 13/28 G02B 23/12
(31) Priority Document No	:106101902
(32) Priority Date	:19/01/2017
(33) Name of priority country	:Argentina
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LARGAN PRECISION CO., LTD.
Address of Applicant :No.11, Jingke Rd., Nantun Dist., Taichung City 408, Taiwan
(72)**Name of Inventor :**
1)Chun-Yen CHEN
2)Shu-Yun YANG

(57) Abstract :
An optical image assembly includes six lens elements, which are, in order from an object side to an image side, a first lens element, a second lens element, a third lens element, a fourth lens element, a fifth lens element and a sixth lens element. The second lens element with negative refractive power has an object-side surface being concave in a paraxial region thereof and an image-side surface being convex in a paraxial region thereof. The third lens element has positive refractive power. The fourth lens element has positive refractive power. The fifth lens element has positive refractive power. The sixth lens element has negative refractive power.

No. of Pages : 121 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2017

(21) Application No.201724022118 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ANTIMICROBIAL SACRIFICIAL FLOOR COATING SYSTEMS

(51) International classification	:C23F 13/14
(31) Priority Document No	:62/360,740
(32) Priority Date	:11/07/2016
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Spartan Chemical Company, Inc.
Address of Applicant :1110 Spartan Drive Maumee, Ohio 43537, United States of America U.S.A.
(72)**Name of Inventor :**
1)KAUFOLD, Rebecca S.
2)WELCH, Jason J.
3)VENABLE, Jamie N.

(57) Abstract :
Disclosed are antimicrobial sacrificial floor coatings systems including an antimicrobial sacrificial floor coating composition capable of reducing and/or preventing gram positive and gram negative bacterial growth on floors. Also disclosed is an antimicrobial sacrificial floor coating remover being readily capable of removing the antimicrobial sacrificial floor coating as desired from previously treated flooring surfaces. In certain aspects, the antimicrobial sacrificial floor coatings can include a nonionic acrylic polymer; a nonionic wax; and a cationic alkyl biguanide or salt thereof. The antimicrobial sacrificial floor coating may further include a cationic wax that further stabilizes the system during storage, application, and/or post-application to a floor surface. The antimicrobial sacrificial floor coating composition has a pH of less than 7 while exhibiting continuous antimicrobial properties from full cure on a floor surface up to 1 year post-application to the floor surface at a minimum contact time of 1 hour.

No. of Pages : 48 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2017

(21) Application No.201724022279 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HIGH CHROMA FLAKES

(51) International classification :H01L 31/00
(31) Priority Document No :62/355,147
(32) Priority Date :27/06/2016
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Viavi Solutions Inc.
Address of Applicant :430 N. McCarthy Boulevard, Milpitas, California 95035, USA U.S.A.
(72)**Name of Inventor :**
1)SEYDEL, Johannes
2)TEVIS, Mark
3)LIANG, Kangning
4)KUNA, Jeffrey James
5)ZIEBA, Jerry

(57) Abstract :
An article including a reflector having a first surface and a second surface opposite the first surface; a first selective light modulator layer external to the first surface of the reflector; a second selective light modulator layer external to the second surface of the reflector; a first absorber layer external to the first selective light modulator layer; and a second absorber layer external to the second selective light modulator layer; wherein each of the first and second selective light modulator layers include a host materialis disclosed herein. Methods of making the article are also disclosed. Figure 1 is the representative figure.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2017
(21) Application No.201724022280 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MAGNETIC ARTICLES

(51) International classification :G01R 33/12
(31) Priority Document No :62/355,188
(32) Priority Date :27/06/2016
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Viavi Solutions Inc.
Address of Applicant :430 N. McCarthy Boulevard, Milpitas, California 95035, USA. U.S.A.
(72)**Name of Inventor :**
1)SEYDEL, Johannes
2)TEVIS, Mark
3)LIANG, Kangning
4)KUNA, Jeffrey James
5)ZIEBA, Jerry

(57) Abstract :
An article including a magnetic-containing layer having a first surface and a second surface opposite the first; a first reflector layer external to the first surface of the magnetic-containing layer; a second reflector layer external to the second surface of the magnetic-containing layer; a first selective light modulator layer external to the first reflector layer; a second selective light modulator layer external to the second reflector layer; a first absorber layer external to the first selective light modulator layer; and a second absorber layer external to the second selective light modulator layer; wherein at least one of the first and second selective light modulator layers comprises at least one of a curing agent, and at least one coating aidis disclosed. Methods of making the disclosed article are also disclosed. Figure 1 is the representative figure

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2017

(21) Application No.201724022281 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : OPTICAL DEVICES

(51) International classification	:H01S 5/00 H01L 31/00
(31) Priority Document No	:62/355,131
(32) Priority Date	:27/06/2016
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Viavi Solutions Inc.
Address of Applicant :430 N. McCarthy Boulevard, Milpitas, CA 95035, United States of America. U.S.A.
(72)**Name of Inventor :**
1)SEYDEL, Johannes
2)TEVIS, Mark
3)LIANG, Kangning
4)ZIEBA, Jerry

(57) Abstract :
A sheet including a reflector having a first surface, a second surface opposite the first surface, and a third surface; a first selective light modulator layer external to of the first surface of the reflector; and a second selective light modulator layer external to the second surface of the reflector; wherein the third surface of the reflector is open is disclosed. A method of making a sheet is also disclosed. Figure 1 is the representative figure.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2017

(21) Application No.201724022282 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HIGH CHROMATICITY PIGMENT FLAKES AND FOILS

(51) International classification	:C03C 17/00 C25D 3/00
(31) Priority Document No	:15/194298
(32) Priority Date	:27/06/2016
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Viavi Solutions Inc.
Address of Applicant :430 N. McCarthy Boulevard, Milpitas, CA 95035, United States of America. U.S.A.
(72)**Name of Inventor :**
1)SEYDEL, Johannes
2)KOHLMANN, Paul Thomas
3)TEVIS, Mark
4)KUNA, Jeffrey James

(57) Abstract :
An article including at least one first metallic layer, at least one dielectric layer; and at least one second metallic layer is disclosed. The at least one dielectric layer can include at least one of (i) a photo-initiator, (ii) an oxygen inhibition mitigation composition, (iii) a leveling agent, and (iv) a defoamer. Figure 1 is the representative figure.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2017

(21) Application No.201724023092 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LASER PROCESSING METHOD HAVING OPTICAL AXIS POSITION CONTROL, MACHINE AND COMPUTER PROGRAM FOR ITS IMPLEMENTATION

(51) International classification	:G02B 26/00 G02B 5/00
(31) Priority Document No	:102016000070259
(32) Priority Date	:06/07/2016
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ADIGE S.p.A.
Address of Applicant :Via per Barco 11 I-38056 LEVICO TERME (Trento), Italy Italy
(72)**Name of Inventor :**
1)SBETTI Maurizio

(57) Abstract :
A laser processing method has a laser beam having a predetermined transverse power distribution focused on a working plane of a metallic material. The laser beam is led along an optical path to a working head arranged in proximity to the material, and collimated along an optical axis of propagation. The collimated beam is focused in an area of a working plane. The focused beam is conducted along a working path on the material having a succession of working areas. Shaping of the beam is achieved by reflecting the collimated beam with a deformable, controlled surface reflecting element having a plurality of independently movable reflection areas, and by controlling the reflection areas to establish a predetermined transverse power distribution as a function of the area of the current working plane and/or of the current direction of the working path on the material.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2017

(21) Application No.201724023182 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MULTIPLE-LENS CAMERA SYSTEM, OPTICAL SYSTEM, AND LENS DRIVING MECHANISM

(51) International classification	:G02B 13/22 G02B 27/54
(31) Priority Document No	:62/357,557
(32) Priority Date	:01/07/2016
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TDK TAIWAN CORP.
Address of Applicant :159, Sec.1,Chung Shan N. Rd., Yangmei Taoyuan, Taiwan
(72)**Name of Inventor :**
1)Chao-Chang HU
2)Fu-Yuan WU
3)Shu-Shan CHEN
4)Chih-Wei WENG
5)Bing-Ru SONG
6)Nai-Wen HSU
7)Shih-Ting HUANG
8)Kuo-Chun KAO
9)Shao-Chung CHANG
10)Sin-Jhong SONG

(57) Abstract :
A multiple-lens camera system is provided, including a first lens driving module, a second lens driving module, and a shielding member. The first and second lens driving modules respectively include a frame, a lens holder movably disposed in the frame for holding a lens, a magnetic element disposed on a side of the lens holder and a driving board, wherein the driving board has a first coil corresponding to the magnetic element, to generate a magnetic force for moving the lens holder and the lens relative to the driving board. The shielding member is disposed in the first lens driving module and between the two magnetic elements of the first and second lens driving modules which are adjacent to each other, to suppress magnetic interference between the first and second lens driving modules.

No. of Pages : 112 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2017

(21) Application No.201724023218 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LASER PROCESSING METHOD WITH LASER BEAM HIGH DYNAMIC CONTROL, AND CORRESPONDING MACHINE AND COMPUTER PROGRAM

(51) International classification :B23K 26/00
(31) Priority Document No :102016000070441
(32) Priority Date :06/07/2016
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADIGE S.p.A.
Address of Applicant :Via per Barco 11 I-38056 LEVICO TERME (Trento), Italy Italy
(72)**Name of Inventor :**
1)SBETTI Maurizio

(57) Abstract :
A laser processing method has a laser beam having a predetermined transverse power distribution focused on a working plane of a metallic material. The laser beam is led along an optical path to a working head arranged in proximity to the material, and collimated along an optical axis of propagation. The collimated beam is focused in an area of a working plane. The focused beam is conducted along a working path on the material having a succession of working areas. Shaping of the beam is achieved by reflecting the collimated beam with a deformable, controlled surface reflecting element having a plurality of independently movable reflection areas, and by controlling the reflection areas to establish a predetermined transverse power distribution as a function of the area of the current working plane and/or of the current direction of the working path on the material.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043647 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEM OF MULTIPLE BAGS AND METHOD FOR THE PREPARATION OF HEMOCOMPONENTS

(51) International classification :A61M1/02,A61M1/36,A61J1/20
(31) Priority Document No :102015000020415
(32) Priority Date :04/06/2015
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2016/053229
Filing Date :01/06/2016
(87) International Publication No:WO 2016/193924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FONDAZIONE IRCCS CA GRANDA OSPEDALE MAGGIORE POLICLINICO
Address of Applicant :Via Francesco Sforza 28 I 20122 Milano Italy
2)EPISKEY S.R.L.
(72)**Name of Inventor :**
1)MAZZARO Giovanni
2)REBULLA Paolo
3)PARATI Eugenio

(57) Abstract :
The present invention relates to a biomedical device for the production storage traceability and administration of blood components.

No. of Pages : 35 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043657 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD OF PERFORMING A PLURALITY OF SYNTHESIS PROCESSES OF PREPARING A RADIOPHARMACEUTICAL IN SERIES A DEVICE AND CASSETTE FOR PERFORMING THIS METHOD

(51) International classification :C07B59/00
(31) Priority Document No :2014828
(32) Priority Date :20/05/2015
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2016/061319
Filing Date :19/05/2016
(87) International Publication No :WO 2016/184980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OUT AND OUT CHEMISTRY S.P.R.L.
Address of Applicant :15 Rue de la Salette 5600 Neuville Belgium
(72)**Name of Inventor :**
1)TADINO Vincent Luc Antoine
2)VILLERET Guillaume Andre Rene

(57) Abstract :
The invention relates to a method of performing a plurality of synthesis processes of preparing a radiopharmaceutical in series which method comprises carrying out a first synthesis run comprising the steps of: a) providing water containing 18F; b) trapping the 18F from the water provided in step a) on an anion exchange material (18); c) eluting the trapped 18F from the anion exchange material (18) to a reaction vessel (58) of first radiopharmaceutical synthesis cassette (50); d) preparing a radiopharmaceutical incorporating the eluted 18F using the first radiopharmaceutical synthesis cassette (50); wherein steps a) d) are repeated in at least one subsequent run using another radiopharmaceutical synthesis cassette (50; 50); and wherein the method comprises a reconditioning step of said anion exchange material (18) between two consecutive runs Other aspects of the invention relate to a device for performing this method and a cassette for use in the device.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2017

(21) Application No.201727043688 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DEVICE TO DEVICE RELAY SELECTION

(51) International classification :H04W88/04,H04W76/02
(31) Priority Document No :14/809204
(32) Priority Date :25/07/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/034002
Filing Date :25/05/2016
(87) International Publication No :WO 2017/019164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)DUMPALA Karthik
2)CHOUDAVADA Sandeep
3)PASUNOORU Naveen Kumar
4)PALLAPOTHU Phani Kumar
5)SURATHU Kartheek
6)ALIMINETI Janga Reddy

(57) Abstract :
Systems and methods are disclosed for selecting a relay device for device to device communication with a target device in a partial coverage scenario. The method may include determining that the wireless device is out of service detecting a set of candidate relay devices identifying one or more communication parameters associated with each candidate relay device of the set of candidate relay devices calculating a selection metric associated with each candidate relay device of the set of candidate relay devices based on the identified one or more communication parameters selecting at least one candidate relay device from the set of candidate relay devices based on the selection metric and transmitting the data to the selected at least one relay device.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2017

(21) Application No.201727043792 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : HIGH MODULUS GLASS FIBRE COMPOSITION AND GLASS FIBRE AND COMPOSITE MATERIAL THEREOF

(51) International classification :C03C13/00,C03C3/087
(31) Priority Document No :201610113362.0
(32) Priority Date :29/02/2016
(33) Name of priority country :China
(86) International Application No :PCT/CN2016/075780
Filing Date :07/03/2016
(87) International Publication No :WO 2016/165506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JUSHI GROUP CO. LTD.
Address of Applicant :Jushi Science And Technology Building 669 Wenhua Road (South) Tongxiang Economic Development Zone Tongxiang Zhejiang 314500 China
(72)**Name of Inventor :**
1)ZHANG Lin
2)CAO Guorong
3)ZHANG Yuqiang
4)XING Wenzhong

(57) Abstract :
A high modulus glass fibre composition and a glass fibre and a composite material thereof. The content given in weight percentage of each component of the glass fibre composition is as follows: 55 64% of SiO2 13 24% of Al2O3 0.1 6% of Y2O3 3.4 10.9% of CaO 8 14% of MgO less than 22% of CaO + MgO + SrO less than 2% of Li2O + Na2O + K2O less than 2% of TiO2 less than 1.5% of Fe2O3 and 0 1.2% of La2O3 and the range of a weight percentage ratio C1 is more than 0.26 wherein C1 = (Li2O + Na2O + K2O) / (Y2O3 + La2O3). The composition significantly increases the elastic modulus of glass effectively inhibits the crystallisation tendency of glass effectively reduces the liquidus temperature of glass obtains an ideal T value is beneficial for improving the clarification effect of high modulus glass and is particularly suitable for the tank furnace production of a high modulus glass fibre.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2017

(21) Application No.201727042731 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CONFIGURABLE MEASUREMENT GAP AND WINDOW FOR MACHINE TYPE COMMUNICATIONS

(51) International classification :H04L5/00
(31) Priority Document No :62/195724
(32) Priority Date :22/07/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/043350
Filing Date :21/07/2016
(87) International Publication No :WO 2017/015465
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)WANG Renqiu
2)VAJAPEYAM Madhavan Srinivasan
3)XU Hao
4)CHEN Wanshi
5)GAAL Peter
6)WEI Yongbin

(57) Abstract :
Aspects of the present disclosure provided techniques that for wireless communications by a base station (BS). An exemplary method performed by a base station generally includes identifying an operating state of a user equipment that communicates with the BS in at least one narrowband region determining based on the operating state one or more operating parameters of a configurable measurement procedure whereby the user equipment (UE) tunes away from the narrowband region to measure signals transmitted from other BSs and configuring the UE to perform the measurement procedure in accordance with the determined operating parameters.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2017

(21) Application No.201727042758 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TESTING METHOD FOR SPECIFIC INGREDIENTS IN ANTIPERSPIRANT AND HUMECTANT COSMETIC COMPOSITIONS

(51) International classification :G01N31/22
(31) Priority Document No :62/171395
(32) Priority Date :05/06/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/062056
Filing Date :27/05/2016
(87) International Publication No :WO 2016/193167
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)TOMCZAK Douglas Charles
2)AGRAWAL Nikhil
3)MARRIOTT Robert Edward
4)GIBSON Oliver Lawrence

(57) Abstract :
A method of demonstrating the potential for a moisturisation and/or antiperspirancy effect from a cosmetic composition said method comprising contacting the composition with a detector substance for aluminium containing antiperspirant salt and/or moisturiser said detector substance generating a visible colour change to indicate the presence of aluminium containing antiperspirant salt and/or moisturiser.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2017

(21) Application No.201727042789 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND SYSTEM FOR COMMUNICATION BETWEEN USERS AND COMPUTER SYSTEMS

(51) International classification :G06Q10/02,G06Q30/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2015/081210
Filing Date :23/12/2015
(87) International Publication No :WO 2017/108137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SITA INFORMATION NETWORKING COMPUTING IRELAND LIMITED
Address of Applicant :Building One Letterkenny Office Park Windyhall Co. Donegal Ireland
(72)**Name of Inventor :**
1)FINDLAY Denise

(57) Abstract :
In an interactive on line system such as an airline reservation system users communicate with the system via smart devices. Communication between the device and the system is via asynchronous TCP/IP messaging or SMS text message. The user can input text messages which include metadata to assist in message recognition. A translator parses the message and converts the message into an industry standard format which is then sent to a relevant system for processing. The translator may form a part of an application on the device be located at the system or at an intermediate point. A response from the system is converted from industry standard format to a human readable form and sent as asynchronous message or SMS/MMS text message back to the user where it may be displayed as text of converted into speech.

No. of Pages : 16 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2017

(21) Application No.201727042891 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING INTERNAL CHANNELS FOR LOW COMPLEXITY FORMAT CONVERSION

(51) International classification	:G10L19/16,G10L19/00,G10L19/002
(31) Priority Document No	:62/181096
(32) Priority Date	:17/06/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/KR2016/006495 :17/06/2016
(87) International Publication No	:WO 2016/204581
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 16677 Republic of Korea
(72)**Name of Inventor :**
1)KIM Sun min
2)CHON Sang bae

(57) Abstract :
A method for processing an audio signal according to an embodiment of the present invention comprises the steps of: receiving an audio bitstream encoded by means of MPEG surround 212 (MPS212); generating an internal channel signal for one channel pair element (CPE) on the basis of equalization (EQ) values and gain values among rendering parameters for MPS212 output channels defined in a format converter and the received audio bitstream; and generating stereo output signals on the basis of the generated internal channel signal.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2017

(21) Application No.201727042900 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LAUNDRY DETERGENT COMPOSITION

(51) International classification :C11D1/02,C11D1/06,C11D3/20
(31) Priority Document No :15171685.9
(32) Priority Date :11/06/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/061823
Filing Date :25/05/2016
(87) International Publication No :WO 2016/198262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)BATCHELOR Stephen Norman
2)BIRD Jayne Michelle

(57) Abstract :
The present invention provides a domestic laundry cleaning composition said composition comprising an anionic charged surfactant an alkyl ether carboxylic acid dispersant a lipase enzyme; and a protease enzyme.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2017

(21) Application No.201727043794 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : USER EQUIPMENT AND NETWORK ACCESS METHOD

(51) International classification :H04W36/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2015/081275
Filing Date :11/06/2015
(87) International Publication No :WO 2016/197378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)ZHENG Xiaoxiao
2)XU Xiaoying
3)PANG Lingli

(57) Abstract :
The present invention relates to the field of communications. Disclosed are a user equipment (UE) and network access method. The present invention addresses the problem in which a longer time is required to re access a network after a UE has failed to access the network or after a radio link failure (RLF) or a handover failure (HOF) has been detected at a current cell causing an interrupted service transmission. A specific solution comprises: acquiring by an acquisition unit access information required to access a network at a first cell wherein the first cell is a cell contained in a pre stored list of the UE; storing by a storage unit the access information acquired by the acquisition unit; determining by a determination unit a requirement for accessing the network at the first cell; and accessing by an access unit according to the access information stored by the storage unit the network at the first cell.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2017

(21) Application No.201727043837 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : TRANSGENIC MICROALGAE AND USE THEREOF AS A FEED FOR DELIVERY OF INTERFERING RNA MOLECULES

(51) International classification	:C12N1/13,A61K36/02,A61K31/105
(31) Priority Document No	:62/192082
(32) Priority Date	:14/07/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2016/050760 :14/07/2016
(87) International Publication No	:WO 2017/009838
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TRANSALGAE ISRAEL LTD.
Address of Applicant :2 Pekeris Street 7670202 Rehovot Israel
(72)**Name of Inventor :**
1)CHEN Ofra

(57) Abstract :
The present invention provides non propagating transgenic microalgae expressing at least one heterologous RNAi molecule. The RNAi expressing non propagating transgenic microalgae are used for oral delivery of the RNAi molecule to a target organism in its intact and functional form. The heterologous RNAi molecule present within the microalgae is characterized by being biologically active exerting at least one specific effect on the organism consuming the microalgae or on a pathogen of said organism. In particular the non propagating transgenic microalgae are used as agents for biological control of animal and plant pests.

No. of Pages : 54 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2017

(21) Application No.201727043876 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MONO OR DI SUBSTITUTED INDOLE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS

(51) International classification	:C07D471/08,C07D487/08,C07D209/04
(31) Priority Document No	:15166900.9
(32) Priority Date	:08/05/2015
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2016/059975 :04/05/2016
(87) International Publication No	:WO 2016/180696
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)JANSSEN PHARMACEUTICALS INC.
Address of Applicant :1125 Trenton Harbourton Road Titusville NJ New Jersey 08560 U.S.A.
2)KATHOLIEKE UNIVERSITEIT LEUVEN
(72)**Name of Inventor :**
1)KESTELEYN Bart Rudolf Romanie
2)BONFANTI Jean Franois
3)JONCKERS Tim Hugo Maria
4)RABOISSON Pierre Jean Marie Bernard
5)BARDIOT Dorothe Alice Marie Eve
6)MARCHAND Arnaud Didier M

(57) Abstract :
The present invention relates to mono or di substituted indole compounds methods to prevent or treat dengue viral infections by using said compounds and also relates to said compounds for use as a medicine more preferably for use as a medicine to treat or prevent dengue viral infections. The present invention furthermore relates to pharmaceutical compositions or combination preparations of the compounds to the compositions or preparations for use as a medicine more preferably for the prevention or treatment of dengue viral infections. The invention also relates to processes for preparation of the compounds.

No. of Pages : 62 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2017

(21) Application No.201727043913 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : CATALYZED SOOT FILTER FOR USE IN PASSIVE SELECTIVE CATALYTIC REDUCTION

(51) International classification :F01N3/28,B01D53/00,B01D53/92
(31) Priority Document No :62/163396
(32) Priority Date :19/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/033015
Filing Date :18/05/2016
(87) International Publication No :WO 2016/187267
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF CORPORATION
Address of Applicant :100 Park Avenue Florham Park NJ 07932 U.S.A.
(72)**Name of Inventor :**
1)PUNKE Alfred
2)GRUBERT Gerd
3)HILGENDORFF Marcus
4)NEUBAUER Torsten
5)CAUDLE Matthew
6)LI Yuejin

(57) Abstract :
The present invention relates to catalyzed soot filter comprising a porous wall flow substrate a catalyst for selective catalytic reduction (SCR) a palladium component and a platinum component the wall flow substrate comprising an inlet end an outlet end a substrate axial length extending between the inlet end and the outlet end and a plurality of channels defined by internal walls of the wall flow substrate wherein the plurality of channels comprise inlet channels having an open inlet end and a closed outlet end and outlet channels having a closed inlet end and an open outlet end and the SCR catalyst is provided on the entire surface of the inlet channel walls and on at least a portion of the surface of the pores within the channel walls underneath the surface of the channel walls coated with the SCR catalyst.

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2017

(21) Application No.201727042901 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LAUNDRY DETERGENT COMPOSITION

(51) International classification :C11D1/02,C11D1/06,C11D3/20
(31) Priority Document No :15171686.7
(32) Priority Date :11/06/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2016/061831
Filing Date :25/05/2016
(87) International Publication No :WO 2016/198263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(72)**Name of Inventor :**
1)BATCHELOR Stephen Norman
2)BIRD Jayne Michelle

(57) Abstract :
The present invention provides a domestic laundry cleaning composition said composition comprising an anionic surfactant an alkyl ether carboxylic acid dispersant; and a lipid esterase.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2017

(21) Application No.201727043044 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : COMPOSITE SHEET FOR ABSORBENT ARTICLES

(51) International classification :A61F13/51,A61F13/49,B32B5/26
(31) Priority Document No :2015130375
(32) Priority Date :29/06/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/065206
Filing Date :23/05/2016
(87) International Publication No :WO 2017/002484
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNICHARM CORPORATION
Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo shi Ehime 7990111 Japan
(72)**Name of Inventor :**
1)MITSUNO Satoshi
2)OKUDA Jun

(57) Abstract :
The present invention provides a composite sheet which is so configured that moisture such as sweat present on one surface side of the composite sheet can be transferred to the other surface side and can be evaporated without retaining the moisture on the above mentioned one surface side so that the moisture content on the above mentioned one surface side can be reduced and almost all of the moisture cannot be retained by a sheet that forms the above mentioned one surface. The present invention relates to a composite sheet 1 which has a first surface (F1) and a second surface (F2) that is located on the opposite side of the first surface and which has a hydrophobic non woven fabric (2A) that forms the first surface and a hydrophilic non woven fabric (2B) that forms the second surface. In the composite sheet according to the present invention a concavo convex structure is formed on at least the hydrophilic non woven fabric among the hydrophobic non woven fabric and the hydrophilic non woven fabric and the hydrophobic non woven fabric and the hydrophilic non woven fabric are in direct contact with each other at least partially.

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2017

(21) Application No.201727043093 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BENZIMIDAZOLE AND IMADAZOPYRIDINE CARBOXIMIDAMIDE COMPOUNDS HAVING ACTIVITY AS INHIBITORS OF INDOLEAMINE 2 3 DIOXYGENASE

(51) International classification :C07D403/12,C07D401/04,C07D235/16
(31) Priority Document No :62/162531
(32) Priority Date :15/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/032152
Filing Date :12/05/2016
(87) International Publication No :WO 2016/186967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GILEAD SCIENCES INC.
Address of Applicant :333 Lakeside Drive Foster City CA 94404 U.S.A.
(72)**Name of Inventor :**
1)BARTLETT Mark J.
2)CODELLI Julian Andrew
3)CORKEY Britton Kenneth
4)COSMAN Jennifer Leigh
5)ELBEL Kristyna
6)LOYER DREW Jennifer Alissa
7)SPERANDIO David
8)VAN VELDHUIZEN Joshua
9)YANG Hai
10)YEUNG Suet Chung

(57) Abstract :
The present disclosure provides indoleamine 2 3 dioxygenase 1 (IDO1) inhibitors of Formula I: or pharmaceutically acceptable salts thereof in which X L n m R1 R2a R2b Rn Rm and R1 are as defined herein as well as pharmaceutical compositions that include a compound of Formula I or pharmaceutically acceptable salts thereof and methods of using the same to treat conditions mediated by IDO1.

No. of Pages : 471 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2017

(21) Application No.201727043225 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : UNDERPANTS TYPE DISPOSABLE DIAPER

(51) International classification :A61F13/496
(31) Priority Document No :2015131816
(32) Priority Date :30/06/2015
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2016/063039
Filing Date :26/04/2016
(87) International Publication No :WO 2017/002439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNICHARM CORPORATION
Address of Applicant :182 Kinseichoshimobun Shikokuchuo shi Ehime 7990111 Japan
(72)**Name of Inventor :**
1)FUKASAWA Jun
2)YOSHIOKA Toshiyasu
3)NAGASE Noriko

(57) Abstract :
A diaper (11) is provided with an elastic abdomen side waistline part (2) a back side waistline part (3) and an absorptive body (4). The abdomen side waistline part (2) has a cutout (20) at the center part in the width direction of an upper end region and the number of sheets of members that are stacked in the abdomen side waistline part (2) at least at a part of an edge region (20a) including an outer edge (200) of the cutout (20) is greater than the number of sheets of members that are stacked in the abdomen side waistline part (2) at a leg line peripheral region (2a) which is a region positioned at both sides in the width direction of the absorptive body (4) within the lower end region of the abdomen side waistline part (2).

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2017

(21) Application No.201727043244 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND APPARATUS FOR ZIGZAG FOLDING A MATERIAL WEB

(51) International classification	:H01M10/04,H01M10/0583,B65H45/101
(31) Priority Document No	:10 2015 108 651.4
(32) Priority Date	:01/06/2015
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/DE2016/100253 :01/06/2016
(87) International Publication No	:WO 2016/192717
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)TECHNISCHE UNIVERSITT BERLIN
Address of Applicant :Strasse des 17. Juni 135 10623 Berlin Germany
(72)**Name of Inventor :**
1)GLODDE Arne
2)BACH Gordon
3)MOOY Robert
4)AYDEMIR Muhammed

(57) Abstract :
The application relates to a method for zigzag folding a material web the method having the following steps: continuously feeding a material web (2) to be folded into a folding apparatus (1) along a feed direction alternately gripping the material web (2) in a proximal region (3) of the folding apparatus (1) by means of gripping devices (4 5) holding and conveying the material web (2) by means of the gripping devices (4 5) into a distal region (8) of the folding apparatus (1) the material web (2) being zigzag folded thereby and releasing the material web (2) from the gripping devices (4 5) and depositing the material web (2) in a stack (9) with folds in the distal region (8) a distance between adjacent gripping devices (4 5) being equal to a fold length. Furthermore the application also relates to an apparatus for zigzag folding a material web.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2017

(21) Application No.201727043253 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS AND METHOD FOR HANDLING AN IMPLANT

(51) International classification :A61L15/16
(31) Priority Document No :62/159387
(32) Priority Date :11/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2016/050501
Filing Date :11/05/2016
(87) International Publication No :WO 2016/181396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVA PLASMA LTD.
Address of Applicant :Kibbutz Megiddo 1923000 D.N. Hevel Megiddo Israel
(72)**Name of Inventor :**
1)LAM Amnon
2)HARHOL Aviad
3)FUCHS Eliezer
4)PORAT Chen

(57) Abstract :
An apparatus for plasma treatment of an implant prior to installing the implant in a live subject is provided. The apparatus comprises an activation device and a portable container detachable from the activation device. The portable container comprises a closed compartment containing the implant immersed in a fluid and the activation device comprises a slot configured to receive the portable container. The activation device further comprises an electrical circuit configured to be electrically associated with at least one electrode and configured to provide to the at least one electrode electric power suitable for applying a plasma generating electric field in the closed compartment when the portable container is disposed in the slot. A container suitable for providing plasma treatment to a silicone implant and a method for preparing an implant for implantation surgery are also provided.

No. of Pages : 84 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2017

(21) Application No.201727043264 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : AUXILIARY AIR DISTRIBUTION SYSTEM FOR USE IN A VEHICLE

(51) International classification :B60H1/24,B60H1/34
(31) Priority Document No :62/170343
(32) Priority Date :03/06/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/035715
Filing Date :03/06/2016
(87) International Publication No :WO 2016/196930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAHINDRA VEHICLE MANUFACTURERS LIMITED
Address of Applicant :Mahindra Towers P.K. Kume Chowk Worli Mumbai Maharashtra 400018 Maharashtra India
(72)**Name of Inventor :**
1)KUTTNER Christoph
2)HAAS Richard
3)GARRISI Matthew A.
4)SAGLIMBENE Peter

(57) Abstract :
An air distribution system (20) for the distribution of air to a rear portion of a vehicle includes a housing (22) extending between a first (24) and second end (26). The housing (22) defines a plurality of first direct air outlets (54) disposed adjacent the first end (24) a plurality of second direct air outlets (60) disposed adjacent the second end (26) and a plurality of indirect air outlets (68) disposed between the first and second direct air outlets (54 60). An airflow control assembly (70) is configured to interchange airflow of the air distribution system (20) between a first mode in which airflow is open through the direct air outlets (54 60) but blocked from the indirect air outlets (68) for guiding air directly to occupants situated in the rear portion of the vehicle and a second mode in which airflow is restricted through the direct air outlets (54 60) and open through the indirect air outlets (68) to create a bloom of air over the rear vehicle occupants.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2017

(21) Application No.201727043306 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MOBILE TERMINAL AND HEAT DISSIPATION SHIELDING STRUCTURE

(51) International classification :H05K5/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2015/080737
Filing Date :04/06/2015
(87) International Publication No :WO 2016/192069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO. LTD.
Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(72)**Name of Inventor :**
1)ZHANG Zhiguo
2)ZHANG Yingchun
3)ZHEN Haitao
4)KANG Nanbo

(57) Abstract :
A mobile terminal comprising a circuit board a heating element disposed on the circuit board a shielding case and a middle frame. The shielding case is connected to the circuit board and the shielding case and the circuit board co form a shielding space. The heating element is accommodated in the shielding space. The circuit board is disposed on one side of the middle frame. The middle frame is provided with an accommodating space. The shielding case comprises a top and a bottom which are disposed oppositely. The bottom is configured to be connected to the circuit board. The top is located above the heating element and extends into the accommodating space. The present invention also provides a heat dissipation shielding structure. The present invention facilitates lighting and thinning of the mobile terminal and the heat dissipation shielding structure.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2017

(21) Application No.201727043429 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A SEMI CONTINUOUS PROCESS FOR THE PRODUCTION OF RHAMNOLIPIDS AT HIGH YIELD AND TITER

(51) International classification :C12P19/44,C12P7/64
(31) Priority Document No :62/157101
(32) Priority Date :05/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/030721
Filing Date :04/05/2016
(87) International Publication No :WO 2016/179249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LOGOS TECHNOLOGIES LLC
Address of Applicant :2701 Prosperity Avenue Fairfax VA 22031 U.S.A.
(72)**Name of Inventor :**
1)LOHITHARN Nattaporn

(57) Abstract :
Provided is a semi continuous fermentation method of a rhamnolipid producing microorganism to produce rhamnolipids. The fermentation may be run as a batch process but at the end of the fermentation at least about 70% of the fermentation medium comprising one or more rhamnolipids is drawn out and the new culture medium (feedstock) is fed in as a replacement. This process may be repeated for at least about one month without having to sacrifice RL yield and titer. It allows the fermenter to be utilized at a higher capacity with less downtime for clean up compared to batch and fed batch fermentation strategies.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043543 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROSTATE SPECIFIC MEMBRANE ANTIGEN BINDING FIBRONECTIN TYPE III DOMAINS

(51) International classification :C12Q1/68
(31) Priority Document No :62/157772
(32) Priority Date :06/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/031295
Filing Date :06/05/2016
(87) International Publication No :WO 2016/179534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JANSSEN BIOTECH INC.
Address of Applicant :800/850 Ridgeview Drive Horsham PA 19044 U.S.A.
(72)**Name of Inventor :**
1)CARDOSO Rosa
2)DIEM Michael
3)GOLDBERG Shalom
4)HYUN Linus
5)JACOBS Steven
6)KLEIN Donna
7)ONEIL Karyn
8)SPINKA DOMS Tracy

(57) Abstract :
PSMA binding FN3 domains their conjugates isolated nucleotides encoding the molecules vectors host cells and methods of making thereof are useful in the generation of therapeutic molecules and treatment and diagnosis of diseases and disorders.

No. of Pages : 82 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043544 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHODS FOR DIAGNOSING BLADDER CANCER

(51) International classification :C12Q1/68
(31) Priority Document No :14/792270
(32) Priority Date :06/07/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2016/050718
Filing Date :05/07/2016
(87) International Publication No :WO 2017/006317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NUCLEIX LTD.
Address of Applicant :3 Pekeris St. 7670203 Rehovot Israel
(72)**Name of Inventor :**
1)FRUMKIN Danny
2)WASSERSTROM Adam

(57) Abstract :
Methods and kits for identification of bladder cancer in a subject based on alterations in DNA methylation at selected genomic loci are provided.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043545 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA) BISPECIFIC BINDING AGENTS AND USES THEREOF

(51) International classification :A61K39/395,A61P35/00,C07K16/00
(31) Priority Document No :62/157789
(32) Priority Date :06/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/031260
Filing Date :06/05/2016
(87) International Publication No :WO 2016/179518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JANSSEN BIOTECH INC.
Address of Applicant :800/850 Ridgeview Drive Horsham PA 19044 U.S.A.
(72)**Name of Inventor :**
1)ANDERSON Glenn
2)CARDOSO Rosa
3)DIEM Michael
4)GAUDET Francois
5)GOLDBERG Shalom
6)HARMAN Benjamin C.
7)HYUN Linus
8)JACOBS Steven
9)KLEIN Donna
10)LI Yingzhe
11)LUO Jinquan
12)MCDAID Ronan
13)NEMETH SEAY Jennifer
14)ONEIL Karyn
15)POMERANTZ Steven C.
16)CHANDRA RAO Galla
17)SPINKA DOMS Tracy
18)TEPLYAKOV Alexey
19)WU Sheng Jiun
20)MOONEY Jill
21)LUISTRO Leopoldo

(57) Abstract :
Provided herein are isolated CD3 x PSMA bispecific antigen binding molecules or bispecific antigen binding fragment thereof wherein a FN3 domain specifically binds human prostate specific membrane antigen (PSMA) and a second antigen binding site immunospecifically binds CD3. Also described are fusion proteins and related polynucleotides capable of encoding the provided fusion proteins and cells expressing the provided fusion proteins. In addition methods of using the provided isolated CD3 x PSMA bispecific antigen binding molecules or bispecific antigen binding fragment thereof are described.

No. of Pages : 116 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043546 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : (S) CSA SALT OF S KETAMINE (R) CSA SALT OF S KETAMINE AND PROCESSES FOR THE PREPARATION OF S KETAMINE

(51) International classification :C07C309/19,C07C225/20
(31) Priority Document No :62/160659
(32) Priority Date :13/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2016/060922
Filing Date :13/05/2016
(87) International Publication No :WO 2016/180984
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JANSSEN PHARMACEUTICA NV
Address of Applicant :Turnhoutseweg 30 2340 Beerse Belgium
(72)**Name of Inventor :**
1)CHEN Cheng Yi
2)FLOEGEL Oliver
3)JUSTUS Michael
4)MAURER Adrian
5)REUTER Karl
6)STRITTMATTER Tobias
7)WEDEL Tobias

(57) Abstract :
The present invention is directed to processes for the preparation of esketamine. The present invention is further directed to processes for the resolution of S ketamine from a racemic or enantiomerically enriched mixture of ketamine. The present invention is further directed to an (S) CSA salt of S ketamine more particularly a monohydrate form of the (S) CSA salt of S ketamine; and to an (R) CSA salt of R ketamine.

No. of Pages : 52 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043551 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : EFFICIENT APPLICATION SYNCHRONIZATION USING OUT OF BAND DEVICE TO DEVICE COMMUNICATION

(51) International classification	:H04L12/26,G06F9/54,H04W72/04
(31) Priority Document No	:14/805163
(32) Priority Date	:21/07/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/034006 :25/05/2016
(87) International Publication No	:WO 2017/014834
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)KRISHNAMOORTHY Parthasarathy
2)MOHAN Prashanth
3)VASANTHASENAN KrishnaKumar
4)TSIRTSIS Georgios
5)KATAMREDDY Srujith Reddy
6)DAVID RAJ Daniel

(57) Abstract :
The disclosure relates to synchronizing application account data using out of band device to device (D2D) communication between peer wireless devices. More particularly a first device may generate a local unique expression that includes a name user credentials and a last update time associated with an application registered for a D2D based application synchronization service. In response to detecting one or more external unique expressions from one or more peer devices in proximity that match the name and the user credentials associated with the registered application the first device may identify among the one or more peer devices an update device associated with an external unique expression having a last update time more recent than the last update time associated with the local unique expression and request an update to synchronize the application account data from the update device over an out of band D2D connection.

No. of Pages : 43 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2017

(21) Application No.201724023279 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEMS AND METHODS FOR FLASH DETECTION

(51) International classification	:G01J 1/00 G01S 3/00
(31) Priority Document No	:246595
(32) Priority Date	:03/07/2016
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Elta Systems Ltd.
Address of Applicant :100 Yitzchak Hanassi Blvd., P.O.B. 330, Ashdod 7710201, Israel Israel
(72)**Name of Inventor :**
1)MAOR, Yaniv
2)APHEK, Ori

(57) Abstract :
A flash detection device comprises at least a first and a second sensor module, wherein each of the sensor modules comprises at least a photodiode for detecting an irradiance emitted by a source, and the first sensor module comprises at least an angular efficiency attenuator configured for attenuating the irradiance received by the photodiode according to a predetermined angular efficiency profile, wherein the at least first and second sensor modules are configured for collecting light from substantially the same field of view, and the angular efficiency attenuator of the first sensor module causes the first and second sensor modules to have complementary predetermined angular efficiency profiles, so that, for angles of view within a common field of view of the first and second sensor modules, a combination of irradiance measurements of the first and second sensor modules enables to derive an irradiance source angle of the source.

No. of Pages : 52 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2017

(21) Application No.201724024199 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : FLUID CONTROL ARRANGEMENT FOR DISK PACKS.

(51) International classification	:F01L 7/16 B60T 13/70
(31) Priority Document No	:15/249983
(32) Priority Date	:29/08/2016
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DEERE & COMPANY
Address of Applicant :DEERE & COMPANY ONE JOHN DEERE PLACE MOLINE ILLINOIS U.S.A-61265. U.S.A.
(72)**Name of Inventor :**
1)RANDALL L. LONG
2)G. WILLIAM DETRICK

(57) Abstract :
A fluid control assembly controls fluid to a disk pack, which includes a plurality of interleaved disks movable into a disengaged state of the disks, a slip state of the disks and an engaged state of the disks. An actuator assembly is configured to move the disk pack between the disengaged, slip and engaged states. A blocking member is configured to be acted upon by the actuator assembly, such that the actuator assembly and the blocking member: (i) reduce or close off flow of fluid to the disk pack when in the disengaged state, (ii) increase or open flow of fluid to the disk pack when in the slip state, and (iii) reduce or close off flow of fluid to the disk pack when in the engaged state.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/01/2018

(21) Application No.201827003137 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ELECTROSTIMULATION DEVICE

(51) International classification :A61N1/04,A61N1/36,A61N2/00
(31) Priority Document No :PV 2015467
(32) Priority Date :06/07/2015
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CZ2016/000074
Filing Date :06/07/2016
(87) International Publication No:WO 2017/005227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TESLA MEDICAL S.R.O.
Address of Applicant :Sokola Tumy 1099/1 CZ 70900 Ostrava Czech Republic
(72)**Name of Inventor :**
1)DOSKOIL Luk
2)VESEL Tom

(57) Abstract :
The subject of the invention is a device for electrical stimulation of tissue consisting of an electrode and a magnet which allows to reach deeper located regions without the need for invasive surgery. This helps to achieve therapeutically success in broader range of patients.

No. of Pages : 14 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2018

(21) Application No.201827003642 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCING A PLASMA AND USE OF SUCH AN APPARATUS

(51) International classification :H05H1/50,A61L2/14
(31) Priority Document No :10 2015 215 051.8
(32) Priority Date :06/08/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/067698
Filing Date :25/07/2016
(87) International Publication No :WO 2017/021194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TERRAPLASMA GMBH
Address of Applicant :Lichtenbergstr. 8 85748 Garching Germany
(72)**Name of Inventor :**
1)MORFILL Gregor
2)LI Yangfang
3)SHIMIZU Tetsuji
4)STEFFES Bernd

(57) Abstract :
The invention relates to an apparatus (1) for producing a plasma having at least one first electrode (3) at least one second electrode (5) which is arranged at a distance from the first electrode (3) a voltage source (7) which is connected to at least one electrode (3 59) selected from the first electrode (3) and the second electrode (5) such that a potential difference between the at least one first electrode (3) and the at least one second electrode (5) can be produced by the voltage source (7) wherein the at least one first electrode (3) and the at least one second electrode (5) define at least one discharge path (9) for an electrical discharge in a discharge region (11) between the at least one first electrode (3) and the at least one second electrode (5). In this case a magnetic field device (15) is provided that is set up and arranged relative to the at least one first electrode (3) and the at least one second electrode (5) to provide a magnetic field in the discharge region (11) so that a magnetic field vector (B) of the magnetic field is oriented at an angle to the discharge path (9).

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2018

(21) Application No.201827003643 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A COGNITIVE INTELLIGENCE PLATFORM FOR DISTRIBUTED M2M/IOT SYSTEMS

(51) International classification :H04L29/08,H04L29/06
(31) Priority Document No :14/790655
(32) Priority Date :02/07/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/040810
Filing Date :01/07/2016
(87) International Publication No :WO 2017/004574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BHADRA Prasenjit
Address of Applicant :40 River Court Apt. 3604 Jersey City NJ 07031 U.S.A.
(72)**Name of Inventor :**
1)BHADRA Prasenjit

(57) Abstract :
Systems and methods to leverage and manage data and knowledge in a M2M or Internet of Things (IoT) network are provided. More particularly a cognitive intelligence platform for an IoT network that provides autonomic decision support system at or near real time and executes a dynamic runtime is provided. The hardware software and communication design of the platform replicates the structural and operational model of the human nervous system to achieve cognitive intelligence through adaptation collaborative learning knowledge sharing and self adjustment. Further in one embodiment the cognitive intelligence platform has three logical processing layers of increasing complexity each of which has agents that use statistical and machine learning techniques and algorithms to resolve situational needs and update knowledge. Furthermore each processing layer of the platform has a basic level of intelligence and additionally the hierarchy of layers aggregates the learning and intelligence at each layer.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2018

(21) Application No.201827003693 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEMS DEVICES AND METHODS FOR INTERACTIONS WITH AN ACCOUNT

(51) International classification :G06Q40/02
(31) Priority Document No :709570
(32) Priority Date :02/07/2015
(33) Name of priority country :Argentina
(86) International Application No :PCT/NZ2016/050110
Filing Date :01/07/2016
(87) International Publication No :WO 2017/003304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASB BANK LIMITED
Address of Applicant :c/o Potter IP 4/152 Quay Street Auckland 1010 New Zealand
(72)**Name of Inventor :**
1)BERGIN James David
2)HUGHES Shane Raymond
3)MIDDLEBROOK Phil
4)EVANS Shane Paul
5)HUFFAM Timothy Paul
6)CHAN Raymond Kok Ho
7)MCALPINE Neill Darryl
8)SYKES Nicole Patricia

(57) Abstract :
A system and method for management of a financial account maintained by a financial entity is described. A user device may receive historical information relating to the financial account including a monetary value of at least one individual transaction of the financial account which has occurred prior. A virtual representation of the monetary value may be displayed. The virtual representation may be selected for transmission to a dedicated digital money box device. The dedicated digital money box device may display an indication of a monetary value of a balance of the selected virtual representation and historical information previously received by the dedicated digital money box device.

No. of Pages : 29 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2018

(21) Application No.201827014432 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : GLYCOLIPID COMPOUNDS AND THEIR USES IN THE TREATMENT OF TUMOURS

(51) International classification :C07H5/06,A61K31/7032
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2015/000766
Filing Date :11/11/2015
(87) International Publication No :WO 2017/082753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AGALIMMUNE LIMITED
Address of Applicant :1st Floor Thavies Inn House 3 4 Holborn Circus London EC1N 2HA U.K.
2)KODE BIOTECH LIMITED
(72)**Name of Inventor :**
1)BOVIN Nicolai Vladimirovich
2)TUZIKOV Alexander Borisovich
3)KORCHAGINA Elena Yurievna
4)HENRY Stephen
5)GRIFFITHS Graham
6)SHAW Stephen

(57) Abstract :
The invention relates to novel glycolipid compounds and pharmaceutical compositions comprising said glycolipids and to processes for preparing said glycolipids. The invention also relates to said glycolipids for use in treating tumours and methods of treating tumours using said glycolipids.

No. of Pages : 74 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2018

(21) Application No.201827019879 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : APPARATUS FOR CLEANING OBJECTS IN PARTICULAR TWO-WHEEL VEHICLES

(51) International classification :B60S3/04B08B1/04
(31) Priority Document No :10 2015 118 371.4
(32) Priority Date :28/10/2015
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2016/075785
Filing Date :26/10/2016
(87) International Publication No :WO 2017/072167
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KUMAR, Sachin
Address of Applicant :Belfortstrasse 8 50668 Cologne Germany
(72)**Name of Inventor :**
1)KUMAR, Sachin

(57) Abstract :
The invention relates to an apparatus for cleaning an object in particular a two-wheel vehicle comprising a housing (3) that accommodates a cleaning device (1) and has an open side (5) on which the object and the housing (3) can be positioned relative to one another and from which the cleaning device (1) can be operated so as to act on the object the cleaning device (1) being provided with a control device (4) for controlling the cleaning device (1). The apparatus allows in particular two-wheel vehicles to be cleaned in a simple manner while keeping costs the amount of material used and energy consumption low.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2017

(21) Application No.201724011492 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SEALED TANK WITH CORRUGATED SEALING MEMBRANES

(51) International classification	:F16J 15/00 F16L 5/02
(31) Priority Document No	:1653169
(32) Priority Date	:11/04/2016
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GAZTRANSPORT ET TECHNIGAZ
Address of Applicant :1 route de Versailles, 78470 Saint Remy Les Chevreuse, France France
(72)**Name of Inventor :**
1)DELANOE, Sbastien
2)DURAND, Fran§ois
3)BERGER, Vincent
4)OULALITE, Mohammed
5)LE ROUX, Guillaume

(57) Abstract :
The invention concerns a sealed tank (1) including adjacent first and second walls (3, 8) each comprising a corrugated sealing membrane (17a, 17c); the sealing membrane (17a) of the first wall (3) and the sealing membrane (17c) of the second wall (8) join at the level of an edge (37); the sealing membrane (17a) of the first wall (3) including a first series of corrugations (21a) and a second series of corrugations (22a) intersecting at the edge (37); the sealing membrane (17c) of the second wall (8) including a third series of corrugations (22c) intersecting at the edge (37); the tank further including a corner arrangement (29) comprising a sealing membrane that is welded in sealed manner to the sealing membrane (17a) of the first wall (3) and to the sealing membrane (17c) of the second wall (8) and is such that the corrugations of the first series of corrugations (21a) are connected to corrugations of the third series of corrugations (22c) and the corrugations of the second series of corrugations (22a) are connected to the corrugations of the third series of corrugations (22c). Figure 3 is the representative figure.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2017

(21) Application No.201724013023 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : ENGINE

(51) International classification :F02F 7/00
(31) Priority Document No :2016-206127
(32) Priority Date :20/10/2016
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
Address of Applicant :2500 Shingai, Iwata-shi, Shizuoka 4388501 Japan
(72)**Name of Inventor :**
1)Yasushi MATSUSHITA
2)Masayuki NAKAGAWA

(57) Abstract :
The crankcase includes a crankcase body and an oil pump cover. The crankcase body includes a first side wall and a second side wall. The first shaft portion passes through the first side wall. The second shaft portion is disposed through the second side wall. The second side wall includes an opening portion communicated with a housing space for the oil pump. The oil pump cover covers the opening portion of the second side wall and the second shaft portion passes through the oil pump cover. The stator is fixed to the first side wall of the crankcase body.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2018
(21) Application No.201827016974 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SUBSTRATE PROCESSING APPARATUS HAVING EXHAUST GAS DECOMPOSER AND EXHAUST GAS PROCESSING METHOD THEREFOR

(51) International classification :H01L21/02,H01L21/67,H01L21/60
(31) Priority Document No :1020150139794
(32) Priority Date :05/10/2015
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2016/011045
Filing Date :04/10/2016
(87) International Publication No :WO 2017/061742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JUSUNG ENGINEERING CO. LTD.
Address of Applicant :240 Opo ro Opo eup Gwangju si Gyeonggi do 12773 Republic of Korea
(72)**Name of Inventor :**
1)SEO Dong Won
2)KIM Heon Do
3)HWANG Chul Joo

(57) Abstract :
A substrate processing apparatus and an exhaust gas processing method therefor are disclosed. The substrate processing apparatus and the exhaust gas processing method therefor according to the present invention allow a source gas exhausted from a processing chamber to be decomposed in an exhaust gas decomposer to decompose a ligand of the source gas. Further the ligand and the source gas with the decomposed ligand are stabilized by reaction with separately supplied O2 N2O or O3 and are then introduced into and discharged from an exhaust pump in the form of a mixture gas mixed with a reaction gas or are discharged from the exhaust pump while being mixed with the reaction gas whereby the ligand and the source gas with the decomposed ligand do not react with heat generated from the exhaust pump and also do not react with the reaction gas. Thus it is possible to prevent the ligand and the source gas with the decomposed ligand introduced into the exhaust pump from being deposited on the inner surface of the exhaust pump. It is also possible to prevent explosion of the ligand and the source gas with the decomposed ligand accumulated inside the exhaust pump.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043569 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : DISPERSIONS OF HOLEY GRAPHENE MATERIALS AND APPLICATIONS THEREOF

(51) International classification :C01B31/04
(31) Priority Document No :62/166621
(32) Priority Date :26/05/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/034352
Filing Date :26/05/2016
(87) International Publication No :WO 2016/191564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Address of Applicant :1111 Franklin Street Twelfth Floor Oakland CA 94607 5200 U.S.A.
(72)**Name of Inventor :**
1)DUAN Xiangfeng
2)XU Yuxi
3)HUANG Yu

(57) Abstract :
A method of forming a graphene based material includes: (1) treating a mixture including an etchant and graphene oxide sheets to yield formation of holey graphene oxide sheets; (2) dispersing the holey graphene oxide sheets in a re dispersal solvent to yield a holey graphene oxide dispersion including the holey graphene oxide sheets; and (3) treating the holey graphene oxide dispersion under reducing conditions to yield self assembly of the holey graphene oxide sheets into a graphene based material.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2017

(21) Application No.201727043610 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : LINK QUALITY BASED RESOURCE ALLOCATION IN DEVICE TO DEVICE COMMUNICATIONS

(51) International classification	:H04W76/02,H04W72/08,H04W72/12
(31) Priority Document No	:14/801963
(32) Priority Date	:17/07/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/034009 :25/05/2016
(87) International Publication No	:WO 2017/014835
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)KRISHNAMOORTHY Parthasarathy
2)RAJURKAR Anand
3)MOHAN Prashanth
4)RAJENDRAN Aravinth
5)NALLASIVAM Nithin Thilak
6)ALIMINETI Janga Reddy
7)VASANTHASENAN KrishnaKumar

(57) Abstract :
A method for improving device to device (D2D) communication in an LTE Direct communication system includes exchanging communication information between a first user equipment (UE) and a second UE over an LTE Direct connection with a first network resource of a first set of network resources allocated to the first and second UEs by a base station for the LTE Direct connection. The method also includes determining by the first UE whether a first link quality of the LTE Direct connection with the first network resource is below a link quality threshold. If so the LTE Direct connection is shifted to another network resource of the first set of network resources until an LTE Direct connection is established that has a link quality that is equal to or greater than the link quality threshold.

No. of Pages : 24 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2018

(21) Application No.201827016268 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR THE ENRICHMENT OF CELL FREE NUCLEOSOMES

(51) International classification :A61K 31/00
(31) Priority Document No :1518665.3
(32) Priority Date :21/10/2015
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2016/053305
Filing Date :21/10/2016
(87) International Publication No :WO 2017/068371
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BELGIAN VOLITION SPRL
Address of Applicant :22 Rue Phocas Lejeune BE 5032 Isnes Belgium
(72)**Name of Inventor :**
1)MICALLEF Jacob Vincent
2)ECCLESTON Mark Edward

(57) Abstract :
The present invention relates to the use of a histone H1 binding agent for detecting isolating and/or purifying cell free nucleosomes of tumor originfrom a biological sample. The invention also describes methods of negative or positive selection using histone H1 binding agents in order to enrich a sample for cell free nucleosomes of tumor origin.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2018

(21) Application No.201827016269 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD FOR DETECTING NUCLEOSOMES CONTAINING HISTONE MODIFICATIONS AND VARIANTS

(51) International classification :A61K 31/00
(31) Priority Document No :1518674.5
(32) Priority Date :21/10/2015
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2016/053288
Filing Date :21/10/2016
(87) International Publication No :WO 2017/068359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BELGIAN VOLITION SPRL
Address of Applicant :22 Rue Phocas Lejeune BE 5032 Isnes Belgium
(72)**Name of Inventor :**
1)MICALLEF Jacob Vincent
2)ECCLESTON Mark Edward

(57) Abstract :
The present invention relates to a method for detecting and measuring the presence of cell free mono nucleosomes and oligo nucleosomes that contain histone H1or a histone H1 modification variant or isoform and the use of such measurements for the detection and diagnosis of disease.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201721001404 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : A PROCESS FOR PRODUCTION OF GALACTO-OLIGOSACCHARIDES

(51) International classification :C12P19/00, C12P19/14, C12P19/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA CHEMICALS LIMITED
Address of Applicant :BOMBAY HOUSE, 24 HOMI MODI STREET, MUMBAI Maharashtra India
(72)**Name of Inventor :**
1)SARAVANAN, R
2)NARAYANAN, S
3)JADHAV, DEEPAK
4)JAIN, MANISH
5)SHUBETHAR, SHAJAHAN
6)LADE, SHANKAR
7)GOTE, MANOJ
8)DUBEY, ASHOK KUMAR

(57) Abstract :
A process for production of galacto-oligosaccharides is disclosed. A process for production of galacto-oligosaccharides comprises growing Sporobolomyces singularis in a fermentation medium, harvesting the said microbes from the fermentation medium, inoculating the said microbes with lactose solution in a reactor and incubating in an aerobic condition to convert lactose into galacto-oligosaccharides; separating the galacto-oligosaccharides from the microbes; filtering thus obtained galacto-oligosaccharides; and optionally making the powder form of galacto-oligosaccharides. The said process for producing galacto-oligosaccharides provides high yield and high purity.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2017

(21) Application No.201721001481 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : SYSTEMS AND METHODS FOR TURN ANGLE CONSTRAINED AERIAL PATH PLANNING

(51) International classification :G01C21/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Tata Consultancy Services Limited
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai-400021, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
1)SHARMA, Hrishikesh
2)SEBASTIAN, Tom Kollamparambil
3)PURUSHOTHAMAN, Balamuralidhar

(57) Abstract :
The present disclosure provides systems and methods that ensure transmission continuity of data from aerial vehicles even in presence of radio coverage holes by turn angle constrained path planning. Technical problems faced in employing conventional methods include challenges in storing captured data on board due to size of the data; transmitting the captured data resulted in loss of data when the aerial vehicle passed through coverage holes. Furthermore, a lot of preprocessing was involved for turn constraint in the conventional methods. The methods of the present disclosure use a minimal greedy backtracking strategy to satisfy the turn angle constraint. The technical problem is treated as a discrete optimization problem that works over discretized version of Euclidean navigation space for tractability and a greedy heuristic algorithm is provided to keep discretization error in control. Limited backtracking decreases process time and works effectively in presence of coverage holes.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2017

(21) Application No.201727039916 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND APPARATUS FOR ENABLING THE TOUCHSCREEN DISPLAY OF A MOBILE DEVICE

(51) International classification :G06F21/32,G06F3/048,G06K9/00
(31) Priority Document No :62/186223
(32) Priority Date :29/06/2015
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2016/036503
Filing Date :08/06/2016
(87) International Publication No :WO 2017/003654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)DAGAN Noam
2)DENNIS Ravit
3)BARENBOIM Lior
4)DAVID Lior
5)DU Eliza
6)BANDYOPADHYAY Saurav

(57) Abstract :
Disclosed is an apparatus and method for automatically enabling a touchscreen of a mobile device based on detection of the presence of a human finger. A mobile device can capture an image of an object with a fingerprint sensor. The mobile device may then enable a touchscreen display of the mobile device in response to a determination that the object captured within the image is a specific type of object.

No. of Pages : 16 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2018

(21) Application No.201827022866 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : INTEGRATED SELFIE STICK

(51) International classification :G03B17/56H04M1/13H04N5/232
(31) Priority Document No :201521080484.1
(32) Priority Date :23/12/2015
(33) Name of priority country :China
(86) International Application No :PCT/CN2016/105271
Filing Date :10/11/2016
(87) International Publication No :WO 2017/107692
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHENZHEN SUISHENXIU FASHION ORIGINALITY TECHNOLOGY CO., LTD
Address of Applicant :Building 7, No.3, Technologu Road 1, Shangxue Science & Technology Tower, Xuexiang Village, Buji Subdistrict, Longgang District Shenzhen, Guangdong 518000 China
(72)**Name of Inventor :**
1)CHEN, Yongbin

(57) Abstract :
The present utility model relates to an integrated selfie stick. The selfie stick comprises a tubular handle casing a retractable stick fixed in the handle casing a clamping device foldable with respect to the retractable stick and a folding device for connecting a movable end of the retractable stick to the clamping device. An empty cavity for accommodating the clamping device is reserved between an inner wall of the handle casing and an outer wall of the retractable stick. In a folded-up state of the selfie stick the clamping device is folded onto the retractable stick the movable end of the retractable stick is retracted back inside the handle casing and the clamping device is placed inside the empty cavity. The utility model utilizes a tubular casing to enclose the retractable stick and the clamping device such that the clamping device does not have any protruding parts; the selfie stick appears as an intact tubular shape in the folded-up state with good integration and improved appearance. Further the selfie stick does not scratch bags while being inside of handbags/bags enhancing convenience and user experience.

No. of Pages : 11 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2018

(21) Application No.201828014596 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : POLYESTER RESIN MOLDED ARTICLE AND METHOD OF PRODUCING SAME

(51) International classification :C08K 5/00
(31) Priority Document No :2009-228982
(32) Priority Date :30/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066574
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1039/MUMNP/2012
Filed on :24/04/2012

(71)**Name of Applicant :**
1)ADEKA CORPORATION
Address of Applicant :2-35, HIGASHIOGU 7-CHOME, ARAKAWA-KU, TOKYO 116-0012 JAPAN Japan
(72)**Name of Inventor :**
1)TSUNEIZUMI, Yota
2)URUSHIHARA, Tsuyoshi
3)KAWAMOTO, Naoshi

(57) Abstract :
Provided is a polyester resin composition comprising a sulfonamide compound as a nucleating agent, in which polyester resin composition coloring is inhibited. The polyester resin composition according to the present invention is a polyester resin composition comprising, with respect to 100 parts by mass of a polyester resin, 0.01 to 30 parts by mass of a phosphorus-based antioxidant (A) and 0.1 to 30 parts by mass of a sulfonamide compound metal salt (B), wherein the sulfonamide compound metal salt (B) has a water content of 0.1% to 20% based on the mass ratio with respect to the sulfonamide compound metal salt and not higher than 3% based on the mass ratio with respect to the polyester resin composition.

No. of Pages : 98 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2018

(21) Application No.201828015412 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : €METHOD AND APPARATUS FOR TRANSMITTING OVERLOAD INDICATOR OVER THE AIR€ •

(51) International classification	:H04W 56/00 H04W 28/00 H04L 7/00
(31) Priority Document No	:61/145,428
(32) Priority Date	:16/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/021257 :15/01/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1342/MUMNP/2011 :28/06/2011

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America U.S.A.
(72)**Name of Inventor :**
1)PALANKI, Ravi
2)MONTOJO, Juan
3)KHANDEKAR, Aamod, D.
4)LUO, Tao
5)BHATTAD, Kapil

(57) Abstract :
Techniques for transmitting overload indicators over the air to UEs in neighbor cells are described. In one design, an overload indicator may be transmitted as a phase difference between at least one synchronization signal and a reference signal for a cell. In another design, an overload indicator may be transmitted as a phase difference between consecutive transmissions of at least one synchronization signal for a cell. In yet another design, an overload indicator may be transmitted by a cell on resources reserved for transmitting the overload indicator. In yet another design, an overload indicator may be transmitted by a cell on a low reuse channel or a broadcast channel. For all designs, a UE may receive overload indicators from neighbor cells, determine the loading of each neighbor cell based on the overload indicator for that cell, and control its operation based on the loading of the neighbor cells.

No. of Pages : 58 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2018

(21) Application No.201827001874 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : METHOD AND APPARATUS FOR POWER CONTROL IN D2D/WAN COEXISTENCE NETWORKS

(51) International classification	:H04W52/10,H04W52/24,H04W52/38
(31) Priority Document No	:14/842194
(32) Priority Date	:01/09/2015
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2016/044111 :26/07/2016
(87) International Publication No	:WO 2017/039880
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LI Chong
2)PATIL Shailesh
3)TAVILDAR Saurabha Rangrao

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus may include memory and at least one processor coupled to the memory configured to determine a transmission condition associated with communication over a wireless channel. The processor may be configured to select a set of open loop power control parameters of at least two sets of open loop power control parameters based on the transmission condition. The processor may be configured to transmit over the wireless channel with a power based on the selected set of open loop power control parameters. The apparatus may be a wireless device such as a user equipment (UE). The open loop power control parameters may be received from a base station such as a node B or an evolved Node B (eNB).

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/01/2018

(21) Application No.201827000940 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES

(51) International classification :A01H5/00,C12N15/52,C12N15/82
(31) Priority Document No :15172587.6
(32) Priority Date :17/06/2015
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2016/053512
Filing Date :15/06/2016
(87) International Publication No :WO 2016/203377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF AGRO B.V.
Address of Applicant :Groningensingel 1 6835 EA Arnhem Netherlands
(72)**Name of Inventor :**
1)APONTE Raphael
2)TRESCH Stefan
3)MASSA Dario
4)SEISER Tobias
5)MIETZNER Thomas

(57) Abstract :
The present invention provides a method for controlling undesired vegetation at a plant cultivation site the method comprising the steps of providing a plant that comprises at least one nucleic acid comprising a nucleotide sequence encoding a wild type or a mutated protoporphyrinogen oxidase (PPO) which is resistant or tolerant to a PPO inhibiting herbicide by applying to said site an effective amount of said herbicide. The invention also provides plants comprising wild type or mutated PPO enzymes and methods of obtaining such plants.

No. of Pages : 373 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2016
(21) Application No.201621027934 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : BAG ASSEMBLY WITH THERAPEUTIC MEMBER

(51) International classification	:A61F 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Sanjay C Parekh
Address of Applicant :B -2, Nandkishore Indl Estate, Off. Mahakali Caves Road, Andheri(E), Mumbai -93 Maharashtra India
(72)**Name of Inventor :**
1)Sanjay C Parekh
2)PRANAY S PAREKH

(57) Abstract :
TITLE: BAG ASSEMBLY WITH THERAPEUTIC MEMBER ABSTRACT Disclosed herein is a bag assembly 1000 capable of relieving stress from a user carrying a load. The assembly 1000 comprising: a bag member 100 including opposed front and rear wall portions 110 120, a pair of opposed side wall portions 130, a bottom wall portion 140 and a top wall portion 150; a pair of strap members 200, operatively coupled to the rear wall portion 120 of the bag member 100; a therapeutic member 300; a power supply member 400 operatively coupled to the therapeutic member 300; and an actuating member operatively coupled to actuate the therapeutic member 300 when the assembly is worn by the user such that a therapeutic sensation is applied to selected areas of the user by the therapeutic member 300 thereby preventing stagnation of blood/lymph at specific areas of the user. Fig. 2

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2017

(21) Application No.201724045756 A
(43) Publication Date : 20/07/2018

(54) Title of the invention : MULTI-MODE POWERTRAIN FOR WORK VEHICLE PROVIDING SELECTIVE POWER DISTRIBUTION BETWEEN AXLES

(51) International classification	:A63B 67/00 A63B 69/00 F42B 5/00	(71)**Name of Applicant :** **1)DEERE & COMPANY** Address of Applicant :ONE JOHN DEERE PLACE MOLINE ILLINOIS U.S.A. 61265 U.S.A.
(31) Priority Document No	:15/409879	(72)**Name of Inventor :** **1)JEFFREY L. LUBBEN**
(32) Priority Date	:19/01/2017	**2)MARK W. FREUDENBERG**
(33) Name of priority country	:U.S.A.	**3)VIRESH HITANALLI**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A work vehicle includes a multi-mode power distribution assembly that selectively distributes power from a drive shaft between a first axle and a second axle. The power distribution assembly includes a plurality of clutches, each moveable between an engaged position and a disengaged position. The power distribution assembly includes a first mode, a second mode, and a third mode. In some embodiments, the first mode may be a four-wheel drive mode, the second mode may be an all-wheel drive mode, and the third mode may be an overdrive mode. Also, a park mode may be provided, wherein the clutches are in the engaged position.

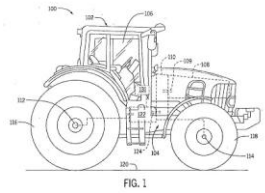


FIG. 1

No. of Pages : 28 No. of Claims : 20

CONTINUED TO PART- 2