पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

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ISSUE NO. 11	/2015	FRIDAY	DATE:	13/03/2015

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.

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

13th MARCH, 2015

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	27668 – 27669
SPECIAL NOTICE	:	27670 – 27671
EARLY PUBLICATION (DELHI)	:	27672 – 27679
EARLY PUBLICATION (MUMBAI)	:	27680 – 27686
EARLY PUBLICATION (CHENNAI)	:	27687 – 27727
EARLY PUBLICATION (KOLKATA)	:	27728 – 27733
PUBLICATION AFTER 18 MONTHS (DELHI)	:	27734 – 28376
PUBLICATION AFTER 18 MONTHS (MUMBAI)	••	28377 – 28550
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	28551 – 28749
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	28750 – 28772
AMENDMENT UNDER SEC.57, KOLKATA	:	28773 – 28774
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	28775 – 28778
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	28779 – 28780
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	28781 – 28783
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	•	28784 – 28786
INTRODUCTION TO DESIGN PUBLICATION	:	28787
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	28788
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	28789
COPYRIGHT PUBLICATION	:	28790
RESTORATION OF LAPSED DESIGNS UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000	:	28791
REGISTRATION OF DESIGNS	:	28792 - 28844

THE PATENT OFFICE KOLKATA, 13/03/2015

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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.

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	क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

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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.

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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.3014/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ARTICLE COLLATION SYSTEM AND METHOD THEREOF

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :	B65H39/06 :NA	(71)Name of Applicant: 1)Grey Orange India Pvt. Ltd. Address of Applicant: 427, Pace City II, Sector 37, Gurgaon, 122001, Haryana, India (72)Name of Inventor: 1)Akash Gupta 2)Samay Kohli 3)Srijan Choudhary 4)Gaurav Kumar 5)Gaurav Kejriwal 6)Varundev Solanki 7)Apurva Vadera 8)Karan Mittal
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(57) Abstract:

Embodiments of the present disclosure refer to an article collation system and method for collating articles where article may indicate an object, thing, item, unit, piece of merchandise, commodity, product, good or an entity synonymous with the definition provided. According to an embodiment of the present disclosure, an article collation system comprises at least one identifier associated with each article where one or more attributes are associated with each identifier. Further, the system comprises one or more transporters for moving each article along a common path to one of a plurality of collection points, where a plurality of diverters are associated with one or more said transporters for routing each article to said collection point, and a controller dynamically adapting operation of said transporters and said diverters to fulfill user requirements considering the attributes of each article and optimizing the system functions based on instantaneous load conditions.

No. of Pages: 23 No. of Claims: 19

(21) Application No.476/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :19/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR PROCESSING RAW DATA

(51) International classification	:G06F3/041	(71)Name of Applicant :
(31) Priority Document No :NA		1)HCL Technologies Ltd.
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGHAL, Bibhore
(87) International Publication No	: NA	2)GUPTA, Yogesh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

System and method for processing a raw data is disclosed. The system is configured to identifying a pattern using a plurality of datasets selected from the raw data. Further, the system is configured to fetching a first set of data patterns associated with a first set of historical visualizations. The system further identifies a second set of data patterns from the first set of data patterns by matching the pattern with the first set of data patterns. Furthermore, the system is configured to identify a second set of historical visualizations associated with the second set of data patterns from the first set of historical visualizations. Further, the system is configured to represent the raw data graphically for predictive analysis based on at least one historical visualization selected from the second set of historical visualizations.

No. of Pages: 23 No. of Claims: 17

(21) Application No.236/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :28/01/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOCKING CAP ATTACHED WITH HELMET.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A42B3/32 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)REENA THAKKAR Address of Applicant:1255, HSIIDC INDUSTRIAL ESTATE RAI, SONEPAT, HARYANA Haryana India (72)Name of Inventor: 1)REENA THAKKAR
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract:

The present invention pertains to a Locking Cap attached with helmet which, mainly helps in preventing helmets from being .stolen. In the present invention, a.Locking Cap is attached with the helmet consisting of two layers of which the lower layer consisting of hole is fixed in helmet and the upper layer is for covering the lower layer is free to move. In the present invention, while the helmets are not in use chain with lock or any protective/locking device is attached with the hole provided in the lower layer of the Locking Cap which is fixed in the helmet to prevent the helmet from being stolen and while the helmet is in use, the hole in the lower layer of the Locking Cap is covered with the upper layer of the Locking Cap to provide comfort to the driver.

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

(22) Date of filing of Application :21/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING DISCHARGE FAILURE OF A PIEZOELECTRIC CIRCUITRY

(51) International classification	:H01L41/04, B41J2/30, H01L41/09	(71)Name of Applicant: 1)HCL Technologies Ltd. Address of Applicant: B-39, Sector 1, Noida 201 301, Uttar
(31) Priority Document No	:NA	Pradesh, India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SADASIVAM, Siva Sakthivel
(86) International Application No	:NA	2)THANGARAJU, Shyam
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) 11		•

(57) Abstract:

The present disclosure discloses a method and apparatus for identifying discharge failure of a piezoelectric circuitry. The apparatus comprises a piezoelectric circuitry consisting of charging and discharging circuit with a microcontroller to compute the time required to charge and discharge the piezoelectric element respectively. Based on the first charging time and the second charging time corresponding to the first and second charging- discharging cycle respectively, the difference between the first and the second charging time is determined. The discharge failure in the piezoelectric circuit is identified where the first charging time is greater than the second charging time.

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

(22) Date of filing of Application :21/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: CHANGE BASED TESTING OF A JAVASCRIPT SOFTWARE APPLICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	G06F9/44 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HCL Technologies Ltd. Address of Applicant: B-39, Sector 1, Noida 201 301, Uttar Pradesh, India (72)Name of Inventor: 1)GUPTA, Yogesh 2)GARG, Anjoli
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
· · · · · · · · · · · · · · · · · · ·		

(57) Abstract:

The present disclosure relates to system(s) and method(s) for change based testing of a JavaScript software application. Initially, a reference version and a current version of the JavaScript software application is analyzed to identify a first set of components and a second set of components that are developed using JavaScript programming language. Further, a reference set of test cases are accepted, wherein the reference set of test cases are configured to test the first set of intermediate representations. In the next step, the first set of components and the second set of components are transformed into a first set of intermediate representations and a second set of intermediate representations and compared to identify a third set of intermediate representations from the first set of intermediate representations, wherein the third set of intermediate representations is modified when the JavaScript software application is transformed from the reference version to the current version. In the next step, a set of impacted test cases are identified from the reference set of test cases based upon the third set of intermediate representations and change based testing is performed on the current version of the JavaScript software application based on the set of impacted test cases.

No. of Pages: 27 No. of Claims: 17

(22) Date of filing of Application :23/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : MULTI-PARTY CONFERENCE CALL THROUGH A CONFERENCE CALLING APPLICATION IN A CELLULAR PHONE

(51) Intermetional alogaification	.11041 12/761	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)Comviva Technologies Limited
(32) Priority Date	:NA	Address of Applicant :A-26, Info City, Sector 34, Gurgaon-
(33) Name of priority country	:NA	122001, Haryana, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAIN, Manish Kumar
(87) International Publication No	: NA	2)GOYAL, Gaurav
(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 to improving conference calling by way of providing a conference calling application in the cellular phones. In one embodiment, a method (100) for facilitating a multi-party conference call in a cellular phone (300) through a conference calling application (304) comprises: establishing (101) a call with a first contact number, wherein the first contact number is an invitee to the multi-party conference call; monitoring (102) in a background state an incoming call from a second contact number; and automatically merging (103) the incoming call with the already established call to create the multi-party conference call if the second contact number pertaining to the incoming call is in an invitee list to the multi-party conference call, or a designated passcode is received during the incoming call.

No. of Pages: 32 No. of Claims: 30

(22) Date of filing of Application :25/02/2015

(43) Publication Date: 13/03/2015

(54) Title of the invention : LACTOBIONIC ACID CONJUGATED POLYPHOSPHAZENE BASED NANODELIVERY OF PRIMAQUINE FOR LIVER TARGETING TO CHECK ANTIMALARIAL ACTIVITY

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61Q5/02, A61K9/0095, :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Paramjot Address of Applicant: Department of Pharmaceutics, I.S.F. College of Pharmacy, G.T. Road, Moga, 142001, Punjab Punjab India 2)Dr. Neeraj Mishra 3)Sahil Kumar 4)Dr. Saahil Arora 5)Prof. T.R. Bhardwaj (72)Name of Inventor: 1)Paramjot 2)Dr. Neeraj Mishra 3)Sahil Kumar 4)Dr. Saahil Arora 5)Prof. T.R. Bhardwaj
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(57) Abstract:

Present invention relate to a lactobionic acid conjugated polyphosphazene for delivery of primaquine, for liver targeting to check antimalarial activity. Malaria is the most prevalent and life threatening blood disease in the world, caused by the Apicomplex protozoan of the Plasmodium genus. Present invention has been designed in order to achieve selective liver targeting of the drug and controlled release of drug in order to minimize its dose related toxicity.

No. of Pages: 33 No. of Claims: 4

(22) Date of filing of Application :24/02/2015 (43) Publication Date: 13/03/2015

(54) Title of the invention: MONITORING SYSTEM AND SUBORDINATE DEVICE FOR PHOTOVOLTAIC EQUIPMENT

(51) International classification:H02J13/00,H01L31/042,H02J3/38 (71)Name of Applicant:

(31) Priority Document No :2013021122 (32) Priority Date :06/02/2013

(33) Name of priority country: Japan

(86) International Application :PCT/JP2014/000556

No Filing Date

:04/02/2014

:WO 2014/122914

(87) International Publication

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

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3)ITOU Tetsuo

4)YOSHIDA Hideki

5)KASAI Yuji

6)MURAKAWA Masahiro

(57) Abstract:

A monitoring system includes a subordinate device (4) and a parent device (5). The child device (4) superimposes on a direct current current path current signals showing measurement data in which are measured each of more than one solar cell panel included in a plurality of solar cell panels (P1 P15) constituting a solar cell string (10). The direct current current path includes a plurality of power lines (L1 L14) a first trunk power line (21) and a second trunk power line (22). The parent device (5) is linked to the first trunk power line (21) or the second trunk power line (22) or both and receives the measurement data from the subordinate device (4). By this means for example communication performance can be improved between the subordinate device and the parent device in a monitoring system for monitoring solar cell panel units.

No. of Pages: 62 No. of Claims: 10

(21) Application No.507/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :18/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYNTHESIS OF CONCENTRATED COLLOIDS OF SILVER AND/OR GOLD NANOPARTICLES USING ALKYL POLYGLUCOSIDES

(51) International classification	:A61K31/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GALAXY SURFACTANTS LTD.
(32) Priority Date	:NA	Address of Applicant :C-49/2, TTC INDUSTRIAL AREA,
(33) Name of priority country	:NA	PAWNE, NAVI MUMBAI-400 703, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KOSHTI, NIRMAL
(87) International Publication No	: NA	2)PAREKH, VISHAL
(61) Patent of Addition to Application Number	:NA	3)SAWANT, BHAGYESH JAGANNATH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of making concentrated and stable silver and/or gold nanoparticles using a water-soluble reducing sugar based nonionic surfactants, alkyl polyglucosides (APGs) of Formula I. Formula I The synthesized nanoparticles of silver and/or gold are used in preservation of personal care and home care products.

No. of Pages: 30 No. of Claims: 11

(22) Date of filing of Application :18/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: MICROBIOLOGICAL GROWTH MEDIUM CONTAINING MUSHROOM EXTRACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K2300/00 :NA ·NA	(71)Name of Applicant: 1)DUGGIRALA SRINIVAS MURTY Address of Applicant: BIOGAS RESEARCH CENTER AND P.G. DEPARTMENT OF MICROBIOLOGY, GUJARAT VIDYAPITH, TALIM KENDRA CAMPUS, SADRA, GANDHINAGAR - 382 320 GUJARAT, INDIA 2)DAVE SHAILESH RAMKRASHNA 3)TIPRE DEVAYANI RAMAKANT (72)Name of Inventor: 1)DUGGIRALA SRINIVAS MURTY 2)DAVE SHAILESH RAMKRASHNA 3)TIPRE DEVAYANI RAMAKANT
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(57) Abstract:

The present invention is a microbiological growth medium containing mushroom extract which supports the growth of different kinds of microorganisms like aerobic, anaerobic, fastidious, non-fastidious, yeasts, molds, etc. The mushroom extract provided in this invention can be used for preparing different kinds of microbiological growth media, which have all the essential nutrients required for the growth of different kinds of microorganisms. This medium is very efficient and shows two times the growth of non-fastidious as well as fastidious microorganisms as compared with the growth obtained on commonly used media. This medium doesnt require the addition of costly vitamin and nutrient sources like meat extract, beef extract or yeast extract as well as protein sources like peptones. So the preparation of various media using this mushroom extract is easy and less expensive.

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

(21) Application No.505/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :18/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : AN APPARATUS WITH THE MECHANISM FOR SEPARATING OR DELAMINATING, LAYER FROM PRE LAMINATED LAYERS OR FILM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	5/053 :NA :NA :NA :NA	(71)Name of Applicant: 1)VIRAL NANJI GALA Address of Applicant: B/106, HAVELI CHS LTD., M. G. ROAD, OPP. KHAU GALLI, GHATKOPAR (EAST), MUMBAI-400 077, MAHARASHTRA, INDIA. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)VIRAL NANJI GALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus having supportive and/or independent mechanical system to conduct and complete the process of de lamination or separation of layer from the pre laminated sheet or layers is key factor of the invention, or An apparatus to remove or depart the layer from the pre lamination layers by maintaining the air gap in between the, sustainable, at required, suitable temperature material layer and heating element, with natural or extra pressure and passing the heat through the air gap, while, oscillating the heat plat and departing the lamination layer at different directions is the key functioning of present invention, where supportive mechanical embodiment in the combination as machine and process is innovative step to achieve the results.

No. of Pages: 9 No. of Claims: 4

(21) Application No.492/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: REMOVABLE ADHESIVE FOR JOINING PVC PIPES & FITTINGS.

(51) International classification	:C08J 5/18	(71)Name of Applicant: 1)MR. VILAS NEMICHAND JAIN
(31) Priority Document No	:NA	Address of Applicant :PLOT NO.8, SHOP NO.2, VISANAJI
(32) Priority Date	:NA	NAGAR, IN FRONT OF INDO-AMERICAN MULTI
(33) Name of priority country	:NA	SPECIALITY HOSPITAL, JALGAON, 425001, DIST.
(86) International Application No	:NA	JALGAON, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. VILAS NEMICHAND JAIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Removable adhesive composition and a method for its use in bonding rigid PVC elements. The adhesive composition comprises: thermoplastic resin matrix and solvent along with additives like stabilizer, UV Protector.

No. of Pages: 9 No. of Claims: 11

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : SUSPENSION OF ZINC NANOPARTICLES IN WATER FOR ENHANCEMENT OF GROWTH AND IMMUNITY IN THE PLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	· X A	(71)Name of Applicant: 1)RAJESH C. PATIL Address of Applicant: DEPARTMENT OF MICROBIOLOGY BHAWAN'S COLLEGE, ANDHERI (W), MUMBAI, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)RAJESH C. PATIL 2)DHANASHREE TALEKAR 3)DR. SHANTAJ M. DESHBHRATAR 4)DR. ARVIND SAMB KULKARNI 5)DR. VEENA SAHAI 6)DR. MAHADIK CHANDRAKANT EKANATH 7)DR. SOU. MAHADIK SHAMA CHANDRAKANT 8)DR. MRS. MEERA CHAVAN 9)DR. DESHMUKH HANAMANTRAO VITTHAL
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(57) Abstract:

In one aspect of the invention there is provided a method for preparation of zinc nanoparticles by wet chemical method is provided, In an another important aspect of the invention it is provided that a suspension of zinc nanoparticles in the water is provided for enhancement of growth in the plant in particular in the plants from the family Orchidaceae for instant orchid plant;

No. of Pages: 20 No. of Claims: 8

12) TATENT ATTECATION TODLICATION

(22) Date of filing of Application :13/01/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOW MAINTENANCE, LIGHT WEIGHT, PORTABLE, MANUALLY OPERATED AND ECOFRIENDLY DESI (INDIAN) WOOL ROVING MACHINE SUITABLE FOR RURAL AND HILLY AREA ARTISANS.

(21) Application No.120/MUM/2015 A

·CC	2F (71)Name of Applicant :
(51) International classification 3/2	
(31) Priority Document No :NA	INDUSTRILISATION (M.G.I.R.I.)
(32) Priority Date :NA	Address of Applicant :M.G.I.R.I. SOUTH CAMPUS,
(33) Name of priority country :N.	MAGANWADI, WARDHA-442001, MAHARASHTRA, INDIA
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)MAHESH KUMAR
(87) International Publication No : N	A 2)TAPAS RANJAN KAR
(61) Patent of Addition to Application Number :NA	Λ
Filing Date :NA	A
(62) Divisional to Application Number :NA	
Filing Date :N.	Λ

(57) Abstract:

(19) INDIA

The present invention relates to a desi wool roving making machine which comprises Roving guide ring, Horizontal Roving spindle, Roving bobbin, Drive mechanism of roving guide, Drive mechanism of rotation of roving spindle, Draft setting which are specially designed bobbin drive mechanism at a cost of Rs 30,000 eliminating the existing draw frames and speed frame which reduces the drudgery and enhances the productivity of desi wool roving for hilly area and rural sector artisans.

No. of Pages: 15 No. of Claims: 7

(21) Application No.3609/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PLANT GROWTH PROMOTER BY USING URINE SIMILAR TO ANIMAL/HUMAN URINE AND KERATINOUS PROTEINS LIKE HAIR, POULTRY FEATHER, HORN, NAILS AND MICROBIALS ETC.

(51) International classification	:C12Q 1/37	(71)Name of Applicant : 1)MAHATMA GANDHI INSTITUTE FOR RURAL
(31) Priority Document No	:NA	INDUSTRILISATION (M.G.I.R.I.)
(32) Priority Date	:NA	Address of Applicant :M.G.I.R.I. SOUTH CAMPUS,
(33) Name of priority country	:NA	MAGANWADI, WARDHA-442001, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. KARM RAJ YADAV
(87) International Publication No	: NA	2)MR. NILESH P. KATEKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for preparing a pant growth promoters (amino acids mixture) by using cow urine and waste human hair comprising; (a) Collecting a urine and adjusting the pH to 1.5 to 3.5 having the specific gravity in the range of 1.00 to 1.06, (b) Cleaning /washing the collected hairs with 5% detergent, (c) Charging 0.90 kg to 1.35 to kg cleaned dried collected hairs, (d) Adding 3.5to 4.0 liter 5N urine to dissolve the hair,(e) Heating the reaction mixture to reflux in borosilicate round bottom flask using double wall condenser for 4-6 hrs till it dissolved and colour become dark brown, :(f) Cooling the hydrolyzed material at 50-60°C and filtering, (g) Adjusting the pH of filtrate to 2.5 to 4.0 by adding 1kg ammonium carbonate /ammonia solution/ gas and oxide of trace elements/ slats,(h)Decolorizing by adding 0.02 to .04 kg charcoal at 75°C 80°C for 30-45 min till the light brown colour appear,(i) Filtering the decolorized material to get the final product containing mixture of amino acids at the range of 12 to 14% and trace elements used as a plant growth promoter.

No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HYDRAULIC REGENERATIVE BRAKING (REVERSE BRAKING)

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60T :NA :NA :NA	(71)Name of Applicant: 1)P.V. SREEHARI Address of Applicant: HARICHANDARAM, CHAKKARAPARA ROAD, POOTHAPAPARA SOUTH,
(86) International Application No Filing Date	:NA :NA :NA : NA	AZHIKODE PO., KANNUR - 670 009 Kerala India (72) Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	1)P.V. SREEHARI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Many forms of this technology have been developed to an experimental level by many companies and individuals. But till now none has been used on a large scale in automobiles. This invention is a version of this technology which can be implemented in automobiles. This system utilizes rack and pinion gear fitted to the disc and hub assembly to capture the energy lost during braking(see fig.l). The energy from four brakes is then redirected back to the dive train in a similar manner as conventional brakes work using the principles of leverage and hydraulic force multiplication(see fig.2), hence the name reverse braking. The hydraulic pressure recovered during braking is allowed to reach the rack and pinion assembly fitted to drive train(see fig.3) for redirection only when the ECU gives signal to open the outlet port of the accumulator/valve(see fig.4) when the driver is accelerating in top gear. This innovation increases fuel efficiency.

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

(21) Application No.599/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CMOS BASED CONTINUOUS TEMPERATURE MONITORING DEVICE FOR LIFESAVING DRUGS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No Filing Date	:NA :NA :NA	(72)Name of Inventor: 1)DR. R. KAUSALYA
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	:NA :NA :NA	2)B. SATHEESH 3)DR. K. GOPALAKRISHNAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

CMOS Based Continuous Temperature Monitoring Device for Lifesaving Drugs Design of a novel CMOS based temperature monitoring system built 5 around a low power CMOS temperature sensor with an on-chip memory and USB interface- Whenever the storage temperature goes beyond the prescribed range, the signal conditioning circuitry is triggered to record the temperature and the duration for which the temperature fluctuates. This sensor circuitry is proposed to be incorporated by the manufacturer in each 10 package containing the lifesaving drugs. The doctor administering the drug can view the logged data and decide if it could be administered to the patient. The proposed system can reliably ensure that only those drugs that have been stored in the specified environmental conditions are administered to the patient.

No. of Pages: 24 No. of Claims: 4

(21) Application No.638/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INNOVATIVE NATURAL DRUG COMBINATION (ECLIPTA ALBA AND PIPER LONGUM) THERAPY FOR LIVER TOXICITY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K36/00 :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	(72)Name of Inventor: 1)DR. R. VASUKI
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Innovative Natural drug combination (Eclipta alba and Piper longum) therapy for liver toxicity A new form of combination of plant extract consisting of Eclipta alba and Piper longum in treating the liver diseases without any side effects unlike any allopathic medicine is disclosed. The combined ethanolic extract of E.alba and P.longum (BHE) exerts more hepatoprotective activity than when they were administered separately and may serve as a useful adjuvant in several clinical conditions associated with liver damage. This extract definitely proves to be a very good alternative therapy for those patients suffering from severe liver ailments.

No. of Pages: 17 No. of Claims: 2

(19) INDIA

(21) Application No.670/CHE/2014 A

(22) Date of filing of Application :13/02/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : PRODUCTION OF MONOGLYCERIDES FROM MANGO SEED KERNEL BUTTER BY ENZYMATIC TRANSESTERIFICATION

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. F. EMERSON SOLOMON
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for preparing monoglycerides by the lipase-catalyzed transesterification of triglycerides in an alcohol medium is disclosed here. In the present process, a selected enzyme is added to a solution or an emulsion of MSKP butter in alcohol (e.g., ethanol) containing a certain amount of water. A selected lipase is added to the reaction medium and a suspension is formed, as lipases are insoluble in most organic solvents. The suspension is agitated until the reaction is complete, after which the enzyme is removed, and the monoglyceride products are separated from the reaction mixture. The yield of isolated beta-monoglycerides in the present process is about 90%. The present process affords high yields of monoglycerides having a unique structure, namely monoglycerides acylated in the beta-position. On the contrary, traditional chemical methods resulted in the production of only alpha-acylated monoglycerides.

No. of Pages: 14 No. of Claims: 6

(21) Application No.3088/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FUELLEVEL INDICATOR FOR AUTOMOBILE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G01C :NA :NA :NA :NA	(71)Name of Applicant: 1)P.N.R.K. SAITEJA Address of Applicant:7-673, SRI RAMNAGAR, JAGGAMPETA, EAST GODAVARI - 533 435 Andhra Pradesh India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)SURINENI SUNIL (72)Name of Inventor: 1)P.N.R.K. SAITEJA 2)SURINENI SUNIL

(57) Abstract:

The present invention is directed to the indication of the accurate fuel level indication in automobiles. Basically an internal combustion engine automobile is subjected to many mechanical vibrations because of the road conditions. So the fuel in the automobile is also subjected to vibrations which may lead to inaccurate indication of the fuel level with the present day mechanical float ball detection. The invention consists of a presence of a tube at one corner of tile fuel tank such as a straw placed in a glass of water. This will reduce the vibrations of the fuel in the tube when compared to the fuel in the complete fuel tank. This tube provides a path for a sensor (infrared or ultrasonic) to transmit and receive signals for the accurate fuel level detection and indication

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

(21) Application No.3089/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MAGNETRONIC INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No(32) Priority Date	:B64G :NA :NA	(71)Name of Applicant: 1)NALLAMILLI ASHOK Address of Applicant:D. NO: 1-94/2, OPPOSITE BSNL
(33) Name of priority country	:NA	TOWER, ROWTHULAPUDI (M), E.G. DIST - 533 446 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NALLAMILLI ASHOK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The modern vehicle technology is more concentrated on fuel efficiency and performance. The increase in usage of vehicles results in polluted environment mat causes problems like global warming, chronic smog problems etc. The evaluation of electronics provides flexibility in achieving high performance and fuel efficiency. The conventional Internal Combustion Engine uses fuel for generating mechanical energy. The invention MAGNETRONIC INTERNAL COMBUSTION ENGINE enhances the efficiency of IC engine with help of electronics. The electromagnets that can be controlled by electronic hardware provides additional propulsion to the piston which results in frictionless movement and improved performance with use of less fuel. Use of this technology ultimately results-in reduced emissions at a higher performance.

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

(22) Date of filing of Application :04/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SCAP MODELLING FOR BATTERY POWER MANAGEMENT IN RENEWABLE ENERGY SOURCE APPLICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant: 173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No Filing Date		(72)Name of Inventor: 1)B. KARTHIK
(87) International Publication No	: NA	2)S. PALANISAMY
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)S. SENTHIL KUMAR 4)P. KATHIRAVAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

SCAP Modelling For Battery Power Management in Renewable Energy Source Application This paper presents super capacitor (SCAP) and battery modeling with an original energy management strategy in a hybrid storage technology. The studied dc power supply is composed of SCAPs and batteries. SCAPs are dimensioned for peak power requirement, and batteries provide the power in steady state. A bidirectional dc/dc converter is used between SCAPs and the dc bus. Batteries are directly connected to the dc bus. The originality of this study is focused on SCAP behavior modeling and energy management strategy. The proposed strategy is based on a micro controller. For reasons of cost and existing components (not optimized) such as batteries and semiconductors, the experimental test benches are designed in reduced scale. The characterized packs of SCAPs include two modules of ten cells in series for each one and present a maximum voltage of 27 V. The proposed strategy is implemented on a PIC18F4431 micro controller for two dc/dc converter topology controls. Experimental and simulation results obtained from the micro control strategy are presented, analyzed, and compared with that of classical proportional-integral control.

No. of Pages: 32 No. of Claims: 5

(21) Application No.784/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ARTIFICIAL LIMB PROSTHESIS LEG BELOW KNEE & ABOVE KNEE

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country (86) International Application No	:NA :NA	CHENNAI - 600 073 Tamil Nadu India (72)Name of Inventor:
Filing Date	:NA	1)DR. X. CHARLES
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A novel Artificial Limb Prosethesis Leg Below Knee & Above Knee is disclosed here. By utilising both the plantar flexion of the ankle in the first segment and the dorsiflexion in the second it would be possible to store a greater amount of energy to be released after heel-off to give a push-off effect. This would be similar to the action of the calf muscles in a normal limb. This can be achieved by using a mechanical system.

No. of Pages: 22 No. of Claims: 1

(22) Date of filing of Application :06/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD AND A SYSTEM FOR THE UTILIZATION OF TIDAL HYDRAULIC ENERGY TO ELECTRICAL ENERGY

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)RONALDDANIEL Address of Applicant: NATURE WING, NARANGA
(33) Name of priority country (86) International Application No	:NA :NA	KUNDU, PERINTHALMANNA, P.O MALAPPURAM (DIST), PIN-679 322 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RONALDDANIEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Wave or tidal energy conversion system is provided which utilizes a mass of water entrained in an annular crescent shaped water mass enclosure bucket (3a-3g) that is suspended along a floating member leaf (2a-2g). The system operates under the flow of tidal energy wherein the tidal energy is harvested by the said annular crescent shaped buckets. The said system is partly immersed in the water mass body and partly exposed to the atmosphere for generating a continuous rotary movement of the said system wherein at all times a part of the annular crescent shaped buckets are immersed in the water mass body collecting the tidal energy from the water and the remaining part of the annular crescent shaped buckets are exposed to the atmosphere releasing the collected water mass from the said buckets. The water mass enclosure bucket is in communication with the cylindrical member leaf extending perpendicularly on either oppositeSides of a pole (1) and freely rotating in the direction of the water mass along with the said pole member in the water mass body. The free linear movement of the said annular crescent shaped buckets is restricted by the locking means (4a-4g) positioned on the either ends of the said pole for producing a continuous rotatory movement of the system. The enclosure may be placed in communication with an intermediary hydraulic system, which is also in communication with the generator.

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

(21) Application No.783/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DOCUMENT ZOOMING IN SMART PHONE BY EYE TRACKING

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. X. CHARLES
(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 and process of Document Zooming in smart phone by eye-tracking is disclosed here. Eye-tracking uses the camera to lock onto the motion of a users eyelids, following wherever they move. With it, the phone can perceive where the user eye lid is looking, and can respond to behaviour, which is zoom in or zoom out by sensing the users eye lid position, while the reader is reading a document in the smart phone. If the eyes have reached the bottom of a page, eye-tracking software could automatically scroll down to the following paragraphs of text.

No. of Pages: 14 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(21) Application No.639/CHE/2014 A

(54) Title of the invention: BHARAT MOPED FOGGER

(51) International classification	:B05B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MOHAMMED SHABIRULLAH
(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:

Bharath Moped Fogger Moped fogging machine is an outdoor residual spraying (ORS) by using thermal type fogging machine to control the mosquito. The fog is produced by a moped fogging machine that uses heat to break up the chemical into very small droplets (usually in 5-30 micron diameter range) which will disperse in the air. When the chemical (usually diluted with oil-based carrier) is heated, it is vaporized in a combustion chamber and then expelled via an outlet tube to form a dense fog cloud when it condenses on contact with cool ambient air. Using principle of pulse jet engine, a certain quantity of petrol is delivered to combustion room in the carburetor. Combustion room equipped with glow coil generates a certain amount of high heat and compression in a continuous explosion. High heat and compression spray pesticide ejected from tank through heat pipe by making it an aerosol through heat pipe via pesticide spray nozzle.

No. of Pages: 12 No. of Claims: 3

(21) Application No.602/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A NEW BROMOPHENOLIC COMPOUND FROM KAPPAPHYCUS ALVAREZII

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:a61K :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant: 173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. P. RAJASULOCHANA
(87) International Publication No	: NA	2)SASWAT KUMAR
(61) Patent of Addition to Application Number	:NA	3)DR. P. KRISHNAMOORTHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A New Bromophenolic compound from Kappaphycus Alvarezii A new bromophenolic compound available in Kappaphycus Alvarezii has been identified by conducting the (i) Extraction, Isolation and partial purification of > bromophenol compound using TLC method (ii) Antimicrobial test for specific bromophenol compound by disc diffusion method (iii) Identification of a purified component by NMR (iv) FTIRS and mass spectroscopy for elucidation of molecular structure of specific bromophenolic compound

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

(21) Application No.721/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: THERMOELECTRICALLY COOLED DRESS

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. S. RAVINDRAN
(87) International Publication No	: NA	2)J. KARTHIKEYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Thermoelectrically cooled dress is an attempt to have a dress, such as a Jerkin, designed with thermoelectric cooling. This will make the riders of the two wheelers comfortable during their ride.

No. of Pages: 9 No. of Claims: 4

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: THOUGHT PREDICTION HEADSET WITH COMMUNICATION AND CONTROLLING THEREOF

(51) I	A C1D	
(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)R. MUTHURAJ
(32) Priority Date	:NA	Address of Applicant :NO. M11/6, TNHB FLATS PHASE-I
(33) Name of priority country	:NA	& II, AYAPPAKKAM VILLAGE, AMBATTUR, CHENNAI
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R. MUTHURAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Thought prediction headset with communication and controlling thereof The present invention discloses the thought prediction headset with communication and controlling thereof portable headset and thought predictor unit wherein the headset shall be placed in the appropriate location on the head for detection of desired brainwave collection. The each wave is exhibited out depending upon the thoughts and situation, which is identified by the brainwave sensor of headset. Hence the identified brain waves are sent to the Thought Predictor unit through Reactive Action Command Unit (RACU) which is a signal transmission port. The Program based thought predictor unit shall be housed either inside or outside or as an enhancement to mobile phone or any compatible communication devices. The said thought predictor unit analyzes the signal from headset for further action thereby commands different application accordingly.

No. of Pages: 23 No. of Claims: 8

(21) Application No.513/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HYBRID PESTICIDE SPRAYER

(57) Abstract:

Hybrid power sprayer is an eco-friendly sprayer. The main components used in hybrid power sprayer are diaphragm pump, solar panel, voltage regulator, and battery and sprayer tank. It uses a diaphragm pump to spray. It is powered using solar panel and secondary storage (12v battery). During the absence of sunlight the battery is used for running the pump. Battery can be charged using the solar panel. No mechanical action is needed for the sprayer. Voltage regulator helps in maintaining constant voltage to the diaphragm pump. It also helps to control the speed of the pump and also acts as a protective device for the pump. This device can be used in industrial, chemical, agriculture and hygienic applications.

No. of Pages: 40 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :23/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM FOR DISPENSING PILLS

		(T)
(51) International classification :	A61J	(71)Name of Applicant:
(31) Priority Document No :1	NA	1)DEVI ELECTRONICS
(32) Priority Date	NA	Address of Applicant : C-38, Parsn Palm Gazebo, Ondipudur,
(33) Name of priority country	NA	Coimbatore-641016 Tamil Nadu India
(86) International Application No :1	NA	(72)Name of Inventor:
Filing Date :1	NA	1)SALIM Bindu
(87) International Publication No :	NA	2)SIVARASU Sudesh
(61) Patent of Addition to Application Number :1	NA	3)CUDDALORE PARTHASARATHY Sridhar
Filing Date ::	NA	4)RAJASEKHARAN Sowmya
(62) Divisional to Application Number :1	NA	5)KRISHNAN Sriram
Filing Date	NA	6)MATHEW Thalakkotur Lazar

(21) Application No.841/CHE/2015 A

(57) Abstract:

A system (100) for dispensing pills is provided. The system (100) includes a plurality of trays (102) and a compartment (104). Each tray (102) is configured to accommodate at least one pill. The trays (102) are capable of being stacked on one another. The compartment (104) is configured to receive the trays (102) stacked on one another. The compartment (104) has a superior side (302) and an inferior side (304). An opening (308) is defined at the inferior side (304) of the compartment (104). The opening (308) allows a tray (102), among the plurality of trays (102), which is at the inferior side (304) to be slid out of the compartment (104).

No. of Pages: 33 No. of Claims: 10

(21) Application No.963/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :26/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : REAL-TIME SECURITY AND PRIVACY DATA TRANSMISSION FOR PREVENTING JAMMING ATTACK

	110.417	
(51) International classification	:H04K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant: 173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. K.P. THOOYAMANI
(87) International Publication No	: NA	2)DR. V. KHANAA
(61) Patent of Addition to Application Number	:NA	3)DR. J. SUNDEEP AANAND
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Real-Time Security and Privacy Data Transmission for Preventing Jamming Attack A Real-Time Security and Privacy Data Transmission for preventing 5 Jamming attack is disclosed here to address the problem of jamming under an internal threat model and consider a sophisticated adversary who is aware of network secrets and the implementation details of network protocols at any layer in the network stack.

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

(22) Date of filing of Application :04/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: NTW-SOA BASED HIGH SENSITIVE DIFFERENTIAL INLINE DETECTOR

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)P. MANIMARAN 2)DR. M. GANESH MADHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

NTW-SOA based High Sensitive Differential Inline detector A High sensitive Near Travelling Wave-Semiconductor Optical Amplifier (NTW-SOA) based inline detection under differential scheme is investigated which could find its application as radio node for RoF (Radio over fiber) technology and WDM networks. The detected voltage is evaluated for various lengths and positions of the electrode along the active region of the device, for input optical power levels ranging from -25dBm to +5dBm. Under optimum conditions, the differential detection scheme shows an improvement of 3.7dB, 4dB for 40mA, 50mA bias currents respectively at -10dBm input power, when compared with the best differential inline detection scheme reported in the literature. Further an improvement of 4.3dB and 5.5dB are obtained, when compared with the single electrode detection model under similar operating conditions.

No. of Pages: 18 No. of Claims: 4

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: TWIN PROCESSES FOR REMOVING EXCESSIVE FLUORIDE FROM DRINKING WATER

:B01J	(71)Name of Applicant:
:NA	1)VENKATESWARLU POTHAPRAGADA
:NA	Address of Applicant :6330 HUMBOLDT AVE, SOUTH
:NA	RICHFIELD MN 55423 U.S.A.
:NA	(72)Name of Inventor:
:NA	1)VENKATESWARLU POTHAPRAGADA
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Protracted ingestion of excessive fluoride in drinking water results in crippling skeletal fluorosis, for which there is no cure. This condition can only be prevented by providing the population with water from which the excessive fluoride is removed. This patent describes two processes (I and II) with enhanced efficiency in defluoridation of water with CaC03 and Mg(OH)2. Efficiency has been achieved by generating adsorbents in situ, when the surface areas of the adsorbents are at their maximum, which results in higher degree of adsorption of fluoride than when using the same adsorbents taken-off-the-shelf, with far less surface areas. In process I, CO2 is slowly bubbled through the fluoride bearing water with added Ca(OH)2. This generates CaCC>3 in situ, which adsorbs the fluoride ions. In process II, Ca(OH)2 and MgC03 are stirred in the fluoride-bearing water. CaC03 and Mg(OH)2 are generated in situ, which adsorb fluoride ions from the water.

No. of Pages: 23 No. of Claims: 4

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : DNA NANOSTRUCTURES BASED BIOSENSOR FOR DETERMINATION OF AROMATIC COMPOUNDS

(51) International classification	:c12Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAKTHI BABY GAYATHRI
(32) Priority Date	:NA	Address of Applicant :13-A, VGP SRINIVASA NAGAR,
(33) Name of priority country	:NA	MADAMBAKKAM MAIN ROAD, RAJAKILPAKKAM,
(86) International Application No	:NA	CHENNAI - 600 073 Tamil Nadu India
Filing Date	:NA	2)PALANISAMY KAMARAJ
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SAKTHI BABY GAYATHRI
Filing Date	:NA	2)PALANISAMY KAMARAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Out of the four nucleobases in DNA3 purine bases have been known to get oxidized at lesser potential. At the other end, when DNA encounters a molecule which causes DNA damage, there is a change in electrochemical signal. These two properties of DNA facilitate the application of DNA in biosensors for the detection of toxins, pollutants and other organic compounds which cause DNA damage. The investigators report a simple two step procedure for the formation of DNA nanostructures (ns-DNA) from a single DNA template sequence of 50nm in size. Obtained nanostructures were electrochemically characterized using differential pulse voltammetry (DPV), electrochemical impedance spectroscopy (E1S) and cyclic voltammetry (CV). For comparison, electrochemical results derived from single stranded (50 bp length) and double stranded (50bp length) DNA based biosensors were used. This obtained ns-DNA when immobilized over modified working electrode surface was observed to act as an efficient biosensor in selective and sensitive identification of aromatic compounds.

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

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: TWO STAGE HCCI COMBUSTION ENGINE (TSCI)

(51) International classification	·F02R	(71)Name of Applicant :
	:NA	1)BHARATH UNIVERSITY
(31) Priority Document No		
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. P. NAVEENCHANDRAN
(87) International Publication No	: NA	2)DR. ABDUL RASHID ABDUL AZIZ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.605/CHE/2014 A

(57) Abstract:

Two Stage HCCI Combustion Engine (TSCI) A novel geometry of combustion chamber for HCCI combustion is disclosed to increase the maximum load currently limited in HCCI engines due to high heat release rates and peak pressures. The engine concept here presented provides two chambers in which a small quantity of homogeneous charge is combusted as a pilot combustion, when the piston is at top dead centre; and the rest of the mixture is combusted during the early stages of the expansion stroke. The heat released by the pilot combustion ignites the rest of the mixture and initiates the main combustion.

No. of Pages: 20 No. of Claims: 4

(22) Date of filing of Application :04/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOCALIZED IRIS IMAGE QUALITY USING 2-D WAVELETS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06K :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DEEPAK. R
(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:

Localized Iris Image Quality Using 2-D Wavelets The performance of an iris recognition system can be undermined by poor quality images and result in high false reject rates (FRR) and failure to enroll (FTE) rates. In this project, a wavelet-based quality measure for iris images is proposed. The merit of this approach lies in its ability to deliver good spatial adaptivity and determine local quality measures for different regions of an iris image. The experiments demonstrate that the proposed quality index can reliably predict the matching performance of an iris recognition system. By incorporating local quality measures in the matching algorithm, also a relative matching performance improvement of about 20% and 10% at the equal error rate (EER), respectively, on the CASIA and WVU iris databases is observed.

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

(21) Application No.603/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : INNOVATIVE METHODS FOR MONITORING THERAPEUTIC ACTIVITY OF HERBAL DRUG FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K 36/00 :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073 Tamil Nadu India (72)Name of Inventor: 1)DR. F. EMERSON SOLOMON
Filing Date	:NA :NA : NA	1)DR. F. EMERSON SOLUMON
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	:NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Innovative Methods for Monitoring Therapeutic activity of Herbal Drug Formulations An innovative analyticaftool which gives indepth analysis of herbal drug formulation and also regulates consistency over batch wise production in herbal industries is disclosed. This method can also be implemented as Standard Pharmacopeia for all type of Herbal Drug Formulations which we lack in the herbal drug formulation analysis.

No. of Pages: 12 No. of Claims: 4

(21) Application No.762/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WIND TUNNEL TEST SECTION SIDE WALL MOUNTED TRAVERSE MECHANISM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F03D :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant: 173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country (86) International Application No Filing Date	:NA :NA	CHENNAI - 600 073 Tamil Nadu India (72)Name of Inventor: 1)DR. M. SUNDARARAJ
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	2)S. GOPINATH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Wind Tunnel Test Section Side Wall Mounted Traverse Mechanism This invention relates to an improved traverse mechanism for wind tunnel applications. The objective of present invention is to provide a test section wall mounted traverse system which can be used in subsonic wind tunnels. The implementation of this invention ensures the flow inside the test section is leak proof and less disturbed.

No. of Pages: 19 No. of Claims: 5

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PERFORMING VEHICLE INSPECTION

(51) International classification(31) Priority Document No(32) Priority Date	:G01n :NA :NA	(71)Name of Applicant: 1)WIPRO LIMITED Address of Applicant: Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NITIN PANDEY
(87) International Publication No	: NA	2)VIVEK RATAN
(61) Patent of Addition to Application Number	:NA	3)SALONI BAWEJA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a method and system for performing vehicle inspection. In an embodiment, the system receives inspection data of one or more parts of vehicle from inspection database and field data of the one or more parts of the vehicle from the field database. The inspection database is at manufacturing unit of the vehicle and the field database is at service unit of the vehicle. The inspection data and the field data are associated to form a joined data. A user may select one of one or more parts of the vehicle from the joined database. The system identifies relevant terms for the selected part of the vehicle and also identifies the frequency of the selected part in the inspection data and the field data. If the frequency exceeds a threshold frequency, then the system detects the probability of failure of the vehicle.

No. of Pages: 34 No. of Claims: 15

(21) Application No.606/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PERSONNEL SAFETY DRESS AND EQUIPMENT FOR CLEANING TANKS WITH TOXIC GASES

(51) International classification	:a62B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. S. RAVINDRAN
(87) International Publication No	: NA	2)J. KARTHIKEYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A safety dress with suitable equipment is proposed to be developed, for the benefit of those who clean the tanks filled with toxic gases and the staff of fire squads who make an attempt to save people.

No. of Pages: 8 No. of Claims: 1

(21) Application No.3954/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/08/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WETLAND SYSTEM FOR TREATING INDUSTRIAL WASTEWATER AND METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C02F3/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DEVASENA M. Address of Applicant:NO. 11 & 12, KAMADHENU NAGAR, SECOND STREET, VADAVALLI, COIMBATORE - 641 041 Tamil Nadu India (72)Name of Inventor: 1)DEVASENA M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wetland system (100) for treating industrial wastewater is disclosed. The wetland system (100) comprises at least one impermeable treatment unit (108) comprising distribution means including an influent distribution pipe (104) for spraying an influent through a plurality of orifices in a vertical treatment zone, and a plurality of passive aeration means (106) connected proximal at one end to the influent distribution pipe and the other end extending within the filtration media for providing aeration; filtration media including one or more layers of bed media (110, 112, 114, 116, 118) distributed in the vertical treatment zone, and wetland vegetation (120) rooted in the uppermost bed media. The wetland vegetation is river bank plants such as Phragmites Karka and Vetiveria Zizanioides. The system (100) is simple, economical, efficient, and does not produce sludge.

No. of Pages: 33 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PENDULUM WAVE POWER GENERATOR

(51) International classification :F0:	BB (71)Name of Applicant :
(31) Priority Document No :NA	1)A. JESU ANTONY MARIA SUGAN
(32) Priority Date :NA	Address of Applicant :PLOT NO: 8 (P.NO:22), SHANTHI
(33) Name of priority country :NA	NAGAR 11TH STREET, PALAYAMKOTTAI, TIRUNELVELI,
(86) International Application No :NA	TAMIL NADU-627002 Tamil Nadu India
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : NA	1)A. JESU ANTONY MARIA SUGAN
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(21) Application No.6450/CHE/2014 A

(57) Abstract:

The invention discloses a novel method to generate power by using wave power. This invention discloses a method and an apparatus, to utilize the wave energy to continuously swing the pendulum and this kinetic energy of the pendulum swinging back and forth, is converted into a rotary motion to produce electrical power.

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

(21) Application No.970/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : SIMPLIFIED IN VITRO CULTURE OF ARBUSCULAR MYCORRHIZAL FUNGI IN A NEW MEDIUM AND LOW COST MASS PRODUCTION TECHNOLOGY

(51) International classification	:c12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)National Institute of Plant Health Management (NIPHM),
(32) Priority Date	:NA	Department of Agriculture & Cooperation, Ministry of
(33) Name of priority country	:NA	Agriculture, Govt. of India
(86) International Application No	:NA	Address of Applicant:Rajendra Nagar Hyderabad-500030,
Filing Date	:NA	Telangana, India.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Dr. Korlapati Satyagopal
Filing Date	:NA	2)Dr. Girish Anantrao Gunjotikar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a novel SGL medium for growing arbuscular mycorrhizal (AM) fungi. It also discloses a cost effective and simple in vitro technique for isolation and mass production of the AM fungi. The AM fungi cultured using this method can be used as an inoculum source either in the form of a dry inoculum or a wet inoculum. On inoculation with the culture, different plants formed mycorrhizal association and derive benefit recording better growth both in roots and shoots when compared with control plants.

No. of Pages: 33 No. of Claims: 6

(22) Date of filing of Application :04/03/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD FOR WELDING

(51) Intermetional alocalisation	D22V	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. B. KRISHNAMURTHY
(32) Priority Date	:NA	Address of Applicant :VELS UNIVERSITY, P.V.
(33) Name of priority country	:NA	VAITHIYALINGAM ROAD, VELAN NAGAR,
(86) International Application No	:NA	PALLAVARAM, CHENNAI - 117 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. E. VINOTHKUMAR
(61) Patent of Addition to Application Number	:NA	2)DR. CHANDRASEKARAN MANOHARAN
Filing Date	:NA	3)MR. DHANASEKARAN CHINNATHAMBI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an apparatus and a process for arc type welding. According to the present invention, the apparatus is a salt water welding apparatus which provides an electrolysis process of welding using a combination of salt and water, thereby eliminating the need for a transformer. This dramatically reduces the hazardous gases which are produced in a conventional arc type welding apparatus and it eliminates power losses. The present invention relates to a low cost welding apparatus which require reduced power consumption for welding.

No. of Pages: 7 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : COUPON HOLDER TO STUDY THE EFFECT OF HIGH TEMPERATURE AND PRESSURE ON CORROSION IN DYNAMIC SYSTEMS

(21) Application No.720/CHE/2014 A

(51) International algorification	.0060	(71)Nome of Applicant
(51) International classification	-	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. S. RAVINDRAN
(87) International Publication No	: NA	2)J. KARTHIKEYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Coupon Holder to Study the Effect of High Temperature and Pressure on Corrosion in Dynamic Systems To study the nature of corrosion in dynamic systems subjected to different temperatures and pressure, other than the atmospheric conditions, a Coupon Holder is disclosed here. The coupon holder can hold more corrosion coupons in a specific corrosive environment at a temperature range of 80 to 90°C at atmospheric pressures. Pressure in the system can also be changed, up to a pressure of 9.5 bars, with the help of an inert gas supply such as Nitrogen gas. The overall arrangement would look like a tank with an internal partition. Provision will be made to fit several coupons on a Coupon Stacker, which will be fitted to the inner part of the dummy flange / cover. Coupons can be inserted into the unit from top and fixed in position with the help of nuts and bolts.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :26/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: THE AD-HOC NETWORKS IN SECURITY-SENSITIVE APPLICATIONS USING TAM: A TIERED AUTHENTICATION OF MULTICAST PROTOCOL

(51) International classification (31) Priority Document No (32) Priority Date (32) Name of priority country	:NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant: 173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country(86) International Application No Filing Date		CHENNAI - 600 073 Tamil Nadu India (72)Name of Inventor: 1)DR. R. UDAYAKUMAR
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)DR. K.P. THOOYAMANI 3)DR. J. SUNDEEP AANAND
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The Ad-Hoc Networks in Security-Sensitive Applications using TAM: A Tiered Authentication of Multicast Protocol A mobile adhoc network (MANET) is composed of self-configuring infrastructure less network of mobile nodes. The majority of applications of MANETs are in areas where rapid deployment and dynamic reconfiguration are necessary and wired network is not available. Multicast communication acts as a basis along with security in order to provide protected communication between mobile nodes in these hostile environments. One of the main challenges of securing multicast communication is source authentication, or enabling receivers of multicast data to verify that the received data originated with the claimed source and was not modified en-route. This invention presents a new Tiered Authentication scheme for Multicast traffic (TAM) combining the advantages of the time asymmetry and the secret information asymmetry paradigms and exploits network clustering to reduce overhead and ensure scalability.

No. of Pages: 11 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONVERTIBLE ROAD RAIL VEHICLES

(51) International classification	:B60F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant: 173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. P. NAVEENCHANDRAN
(87) International Publication No	: NA	2)DR. J. HAMEED HUSSAIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.607/CHE/2014 A

(57) Abstract:

Convertible Road Rail Vehicles A novel design of a vehicle fitted with tyres and retractable flanged steel wheels is disclosed. This vehicle can be operated on roads and also on rails. The main part of this invention is the combination of road-rail vehicle and the combination of electric highways and tram ways. The vehicle travels on rails embedded in the electric highways and when required the steel wheels can be retracted and tyres are employed. This is carried out on the fly, that is, while the vehicle is cruising on the rails. The vehicle propulsion is gradually converted from electrically driven steel wheels to engine driven tyres. Once the propulsion is completely transferred to the tyres and to the engine drive train, the vehicle can move out of the electric highway and can move in normal city roads.

No. of Pages: 9 No. of Claims: 4

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: DUAL VESSEL SHIP STABILITY SYSTEM

	D (2D	71.33
(51) International classification	:B63B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASHOK KUMAR BHUKYA
(32) Priority Date	:NA	Address of Applicant :C/o Vishnu Naik, Peddathanda Village,
(33) Name of priority country	:NA	Gundrathi Madugu Post, Kurai Mandal, Warangal Dist,
(86) International Application No	:NA	Telangana-506101, India. Telangana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ASHOK KUMAR BHUKYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiment of the present disclosure is directed towards a dual vessel ship stability system. The system includes an outer covering vessel configured to form a structure of the ship as per liquid dynamic methods and protect from the water waves containing the lower beam base supported by longitudinal frames passing through the multiple transverse beams extended to the sides connected to the side walls by means of middle brackets with maximum length and depth of the waterline. An outer covering vessel, whereby a power house incorporated within the outer covering vessel contains one or more propellers and a transverse beam connected to the side walls with maximum length and depth of the waterline by forming an empty space between the outer side covering walls and beam base. An inner covering vessel formed by the transverse beam and one or more inner longitudinal body frames connected to the inner side walls by means of inner bracket and lying upon the lower covering base configured to carry the entire weight of a cargo or a passenger or respective weight related to the ship. An inner covering vessel whereby suspended in the free space available in the outer covering vessel operatively connected with heavy springs, leaf springs and hydraulic shock absorbers comprising enough and free space between the outer and inner vessels.

No. of Pages: 20 No. of Claims: 13

(21) Application No.601/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CRITICAL SPEED AND ROLL OVER STABILITY DETERMINATION USING MODELING AND SIMULATION TECHNIQUES

(51) International classification(31) Priority Document No(32) Priority Date	:G06F :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant: 173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. M. PREM JEYA KUMAR
(87) International Publication No	: NA	2)R. ANBAZHAGAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Critical Speed and Roll over Stability Determination using Modeling and Simulation Techniques A system is developed for modeling, simulation and lateral stability analysis of an automotive vehicle system. A linear mathematical model has been developed by deriving the equations of motion of a vehicle system. The equations involved the movements of the vehicle body and the wheels. Eleven degrees of freedom are considered. Three degrees of freedom one each representing longitudinal, lateral and yaw motions of the vehicle body and the other eight representing the lateral and angular movements about z axis of the wheels are considered. A computer program was developed to carry out the mathematical operations. The lateral stability of the vehicle system has been analyzed using the model.

No. of Pages: 26 No. of Claims: 3

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYSTEM AND METHOD FOR USE OF SMART MOBILE LANGUAGE AS A COMPUTATION AND COMMUNICATION ON MOBILITY DEVICES AND SOFTWARE APPLICATIONS ENABLING GREEN COMPUTING AND COMMUNICATION

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Dasaradha Ramaiah.K
(32) Priority Date	:NA	Address of Applicant :No.1-6-45/71, Yadamma Nagar,
(33) Name of priority country	:NA	Kanaziguda, Thirumalgiri, Secunderabad-500015, Telangana,
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dasaradha Ramaiah.K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Looking back into the history of computing hardware has changed from building size to room size to desktop size to laptop size and finally to mobility devices. The reason for the world to move towards mobility is considered as the most disruptive technology innovation in todays world. Mobile devices have grown from accessing emails to introducing capable ap-plications and services that change the way industry works. As identified, in the future the traditional computing has to be obsolete and the new generation of computing will be cloud computing. This comes with an effect of violating green computing & communication needs. Also we cannot ignore the effects of long typing resulting in Carpal Tunnel Syndrome . Hence we propose a computing and communication language for mobility devices without losing the readability and benefits of programming languages and also focuses on green computing & not affecting health.

No. of Pages: 29 No. of Claims: 13

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR SOFTWARE APPLICATION LLFECYCLE MANAGEMENT

(51) International classification (31) Priority Document No	:g06Q :NA	(71)Name of Applicant: 1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAYASHREE SRIPATHAN
(87) International Publication No	: NA	2)KAVITHA SRIDHAR
(61) Patent of Addition to Application Number	:NA	3)UPPADA JANKI RAO
Filing Date	:NA	4)REMIL PAUL JOSE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure relates generally to software application lifecycle management, and more particularly to system and method for software application lifecycle management using predictive models based on past similar software application deliveries. In one embodiment, a method is provided for software application lifecycle management. The method comprises gathering software application related information from a user, accessing outcomes of past similar software application deliveries from at least one of a knowledge repository and a learning repository based on the software application related information, deriving a set of models based on the outcomes of past similar software application deliveries, and providing options to the user for selection based on the set of models.

No. of Pages: 22 No. of Claims: 18

(21) Application No.604/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: THERMOELECTRICALLY COOLED SOLAR STILL TO PRODUCE WATER AND SALT

(51) International classification :f24.	(71)Name of Applicant :
(31) Priority Document No :NA	1)BHARATH UNIVERSITY
(32) Priority Date :NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country :NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)DR. S. RAVINDRAN
(87) International Publication No : NA	2)J. KARTHIKEYAN
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

To improve the performance of a traditional salt pit and solar green house, an indigenously designed Miniature Solar Green House to Produce Water and Salt, is disclosed. The Miniature Solar Green House produces Water and Salt, along with an augmented yield and better gross performance. The system will be incorporated with (a) heat collection zone, (b) evaporation zone with cloth wick arranged in zigzag manner, (c) separate condensing zone with thermo electric cooling modules and (d) water collection with liquid seal. It is expected that the proposed Miniature Solar Green House to Produce Water and Salt, to have an augmented yield and better gross efficiency.

No. of Pages: 17 No. of Claims: 4

(21) Application No.761/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: EMBEDDED CONTROL OF CLL AND MULTIPLE OUTPUT AC-DC CONVERTERS

(51) International classification(31) Priority Document No	:H02M :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. T. SARAVANAN
(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 model disclosed here deals with design, simulation and implementation of CLL and Multiple output type AC to DC converter systems.

No. of Pages: 12 No. of Claims: 3

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND DEVICE FOR OPTIMIZING ARRANGEMENT OF AN ICON ON DISPLAY UNIT OF DEVICE

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BIBHUNANDA MISHRA
(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:

Embodiments of the present disclosure disclose a method for optimizing arrangement of an icon on a display unit of a device. The method comprises determining a cumulative position score of each of plurality of grids on the display unit. The method further comprises determining a cumulative acquaintance score of the icon on the display unit. The method further comprises deriving a compatibility score between each of the plurality of grids and the icon based on the cumulative position score and the cumulative acquaintance score. The method further comprises optimizing the arrangement of the icon on the display unit based on the compatibility score.

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

(21) Application No.637/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: RECHARGEABLE AUTOMATED IMPLANTABLE CARDIOVERTER DEFIBRILLATOR

(51) International classification(31) Priority Document No(32) Priority Date	:A61N :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. R. VASUKI
(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 new form of Rechargeable Automated Implantable Cardioverter Defibrillator which increases the battery power for a longer or extended duration and thus is going to be very much helpful to avoid repeating surgery is disclosed. Recharging technique using transcutaneous transformer is proposed through this invention. Taking this as an initial step various implantable medical devices can be powered continuously without any need for replacement. Mutual inductance property is used to recharge the AICD setup. It involves two coils, transcutaneous transformer primary and secondary coils separated with skin in between them. The energy transmission from the primary to the secondary coil is facilitated using magnetic field produced in the primary coil that induces current in the secondary coil according to the Faradays Law of induction. A micro-controller unit is used to control and monitor the flow of charge and the batterys status is displayed using an LED.

No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :02/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: SCREEN CLEANING DEVICE WITH FLEXIBLE ARMS

(51) International classification (31) Priority Document No	:B08B3/02 :NA	(71)Name of Applicant: 1)TEGA INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :147, BLOCK-G, NEW ALIPORE,
(33) Name of priority country	:NA	KOLKATA, WEST BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PAUL Biswadeep
(87) International Publication No	: NA	2)S K ABDUL RAUB
(61) Patent of Addition to Application Number	:NA	3)DASMAHAPATRA Santanu
Filing Date	:NA	4)MUKHERJEE Suvasis
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A screen cleaning device (10) has a motor drive unit (3), bevel gear (21) and lead screws (4) having flexible modular striking arms (2). Each arm (2) comprises standard units (8) assembled together like a garland on flexible wire rope (9) for flexibility. Standard units (8) have different hardness for flexibility of usage. The standard units (8) are made such that each such unit has a male (11) and a female part (12) arranged on a slightly long wire rope, to create small variable gaps in between the standard modules The standard units (8) have four striking faces (8') to be used one after another. Together they enhance the service life of each modular unit (8) by four times. The striking arms (2) move bi-directionally on lead screws (4) and also move angularly about the axis passing perpendicularly through the centre of square threaded nut (16). The screen cleaning device is alternatively driven by a pneumatic system.

No. of Pages: 36 No. of Claims: 6

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention : MICROBIAL GROWTH INHIBITION IN DRINKING WATER DISTRIBUTION SYSTEM BY CHLOR-Z SOLUTION

(51) International classification	· A 61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, ROURKELA, ODISHA-769008
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR, ABANTI SAHOO
(87) International Publication No	: NA	2)MR. SUSANTA SETHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Water borne diseases are estimated to have caused millions of deaths each year. These deaths are attributable to inadequate public sanitation systems. The main cause of these water borne diseases is the growth of micro-organisms in the water distribution system. These harmful microorganisms basically grow in the form of a biofilm. A biofilm is any group of microorganisms in which cells stick to each other on a surface. Biofilms may form on living or non-living surfaces and can be prevalent in natural, industrial and hospital settings. They not only affect human lives but also grow on the surfaces which can lead to corrosion in low pressure water boilers, reduce efficiency of heat exchanger surfaces, and reduce cooling tower efficiency. In order to inhibit the growth of biofilm in the drinking water distribution system, the Chlor-Z solution is synthesized and the experimental procedure is repeated to observe the effectiveness of the Chlor-Z solution on the E. coli growth on the entire pipe surfaces as well as on the surface of water tank used in the experimental setup. The Chlor-Z solution is divided into two solutions. First one is Chlor-Z-1 solution (3% Chloramine and 2 % Zinc Meta Phosphate) which is found to be very effective against the growth of biofilm in pipe fittings in water distribution system as shown in the experimental set up. Second one is Chlor-Z-2 solution (8% Chloramine and 5% Zinc Meta Phosphate) which is highly effective against the microbial growth in open water tank system used for water distribution.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN ARRANGEMENT FOR DISABLED USER FOR COMPUTER INTERACTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06F3/01 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)DR. BISWARUP NEOGI Address of Applicant: ECE DEPT., JIS COLLEGE OF ENGINEERING, BLOCK-A,PHASE-III, KALYANI,NADIA, PIN-741235, WEST BENGAL,INDIA 2)DR. SWAPAN BHATTACHARYYA 3)MR. ZINKAR DAS 4)MR. SOUMYA GHOSAL 5)MRS. MOUPALI ROY 6)MR. ABHIK SARKAR (72)Name of Inventor:
Filing Date	:NA	1)DR. BISWARUP NEOGI
(62) Divisional to Application Number Filing Date	:NA :NA	2)DR. SWAPAN BHATTACHARYYA 3)MR. ZINKAR DAS
Timig Date	.IVA	4)MR. SOUMYA GHOSAL 5)MRS. MOUPALI ROY
		6)MR. ABHIK SARKAR

(57) Abstract:

This invention relates to an arrangement for disabled user for computer interaction and in particular, this invention relates to thearrangement for disabled user like cerebral palsy. More particularly, this present invention also relates to an arrangement for disabled User which can initiate the computational communication technology towards cerebral palsy for suitability and imperviousness aspects with various cyber applications (browsing websites, video chat, internet calling etc.). Furthermore, this invention also relates to an arrangement for cerebral palsy or physically disabled patients in which study and interactions about physical activities can make out their responses intended for connecting with surroundings in every moment.

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

(21) Application No.184/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: FORWARD VIEWING FLEXIBLE ECHOENDOSCOPEWITH ELEVATOR MECHANISM

(51) Intermetional algorification	.A 61D1/12	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHAJAN, NITIN
(32) Priority Date	:NA	Address of Applicant :1-D, MANHAR MAHAL, 4 BAKUL
(33) Name of priority country	:NA	BAGAN ROW BEHIND LANSDOWNE MARKET,
(86) International Application No	:NA	KOLKATA-700 025 WEST BENGAL, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MAHAJAN, NITIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A forward viewing flexible echo endoscope comprises a flexible tubular insertion portion for insertion into human body for observation/treatment of a site (7). The flexible insertion portion has at its distal tip close to the treatment/observation site (7) at least an ultrasonic transducer probe (3) and also LEDs (4) for illumination of target area (7). The LEDs (4) are mounted on specially designed PCBs having heat sink characteristics. The tip has a treatment tool channel (5) for insertion of treatment tools (7) to access the target area (7). An elevator mechanism (6) is disposed at the distal tip, such that the treatment tool channel (5) runs close to it, whereby maneuvering the treatment tools (7) over a wide range is ensured, so as to pin point and target the treatment/observation site (7) with precision and safety. FIG 1b

No. of Pages: 21 No. of Claims: 8

(22) Date of filing of Application :29/01/2015 (43) Publication Date : 13/03/2015

(54) Title of the invention: OPERATING OTO-ENDOSCOPE STAND

(51) International classification	:A61B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANUPAM HAZARIKA
(32) Priority Date	:NA	Address of Applicant : C/O. PROF. KANAK HAZARIKA,
(33) Name of priority country	:NA	BYE LANE-3, KUSHAL NAGAR, JAIL ROAD, JORHAT,
(86) International Application No	:NA	ASSAM, INDIA, PIN-785001
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANUPAM HAZARIKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Operating Oto-Endoscope Stand is a stand for holding an Oto-Endoscope that helps to carry out Transcanal Endoscopic ear surgeries with increased comfort, which otherwise is done by holding the Oto-Endoscope by the non-dominant hand of the surgeon which leads to constant occupancy of one hand during the surgery. It comprises of a base (1) on which a column (2) is held that in turn holds a 90 degrees angulated rigid rod (3). The rod (3) holds a head (17) which in turn holds the Oto-endoscope (57). The head (17) is made up of four parts that are held to one another in joints and are adjustable about the joints providing a 360 degrees freedom of movement in horizontal and vertical axis to the held Oto-Endoscope (57). The invention is a purely a manual one which adds to its cost effectiveness and affordability and the concept is easily understandable to any person specialized in that field.

No. of Pages: 19 No. of Claims: 10

(21) Application No.1147/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :10/11/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MICROEMULSION GEL FORMULATION FORTREATMENT OF UNGUAL INFECTION

(51) International classification	:A61K31/522	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PAL, PAULAMI
(32) Priority Date	:NA	Address of Applicant :26, PRINCE ANWAR SHAH ROAD,
(33) Name of priority country	:NA	MERLIN RESIDENCY, BLOCK - TUDOR, FLAT - 9C,
(86) International Application No	:NA	KOLKATA - 700 033, WEST BENGAL, INDIA
Filing Date	:NA	2)RAY, SUBHABRATA
(87) International Publication No	: NA	3)MAZUMDER, BHASKAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PAL, PAULAMI
(62) Divisional to Application Number	:NA	2)RAY, SUBHABRATA
Filing Date	:NA	3)MAZUMDER, BHASKAR

(57) Abstract:

A microemulsion gel formulation for treatment of ungual infection comprising a composition having suitable proportions of pharmaceutically acceptable oils, a surfactant and a co-surfactant and an aqueous liquid phase, said composition is loaded with around 1% Itraconazole by weight.

No. of Pages: 29 No. of Claims: 9

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.105/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELECTRICAL CABLE RESTRAIN DEVICE USING A DOUBLE WEDGE CHUCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16C :61/755,669 :23/01/2013 :U.S.A. :NA :NA :NA :NA	,
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(57) Abstract:

A cable fitting includes a gland nut, a body, and a chuck. The gland nut includes first threads, an axial gland bore, and a first sloped surface along a portion of the axial gland bore. The body includes second threads to receive the first threads, an axial body bore, and a second sloped surface along a portion of the axial body bore. The chuck includes multiple segments joined in a hinged fashion to create a ring, Each of the multiple segments includes a distal end tapered surface and a proximal end tapered surface. When the gland nut is advanced onto the body, the first sloped surface applies a first compressive force to the distal end tapered surfaces, and the second sloped surface applies a second compressive force to the proximal end tapered surfaces. The compressive forces cause inward deformation of the chuck to secure a cable within an axial pathway.

No. of Pages: 20 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :15/01/2014

(21) Application No.109/DEL/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01H :2013- 058710 :21/03/2013 :Japan :NA :NA	CHIYODA-KU, TOKYO, 101-0022, JAPAN (72)Name of Inventor: 1)MASUKO HIROKI 2)SHIRAISHI KATSUHIKO
E		l '
Filing Date (62) Divisional to Application Number	:NA :NA	4)SHIMIZU YUSUKE 5)SUZUKI KENTA
Filing Date	:NA	

(57) Abstract:

In a case of breaking a small DC current of a bout 20A in a circuit breaker, there are problems that amagnetic field generated 5 between contacts is weak, an arc is hard to be driven, and breaking is difficult because there is no zero point unlike an alternating current. The presentinvention is a circuit breaker for breaking an over current or a short-circuit current flowing through an electric 10 circuit, in cluding: a fixed contact or connected to the electric circuit and having a fixed contact; a movable contact or having a movable contact which comes into contact with orse parates from the fixed contact; and arcexting uishing device for exting uishing an arcgenerated between the contacts, characterized inthat: the 15 fixed contactoris formed by bending a power supply terminalinaninverted L-shape and then in an L-shape, punching out a centerportion of the bentflat plate member in a step wise manner with leaving a central elong a teprojection; the fixed contact is 20 arranged on the elong a teprojection; and a permanent magnet is provided on the arc runner.

No. of Pages: 36 No. of Claims: 6

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : WATER TURBINE RUNNER OR PUMP WATER TURBINE RUNNER AND MANUFACTURING METHOD FOR THE SAME

(51) International classification	:F03B3/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 009575	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:22/01/2013	MINATO-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HAJIME KOYAMA
Filing Date	:NA	2)TOSHIAKI SUZUKI
(87) International Publication No	: NA	3)SATORU ASAI
(61) Patent of Addition to Application Number	:NA	4)KAZUO AOYAMA
Filing Date	:NA	5)TOSHIFUMI KUROKAWA
(62) Divisional to Application Number	:NA	6)ATSUSHI MURAYAMA
Filing Date	:NA	

(57) Abstract:

According to an embodiment, a stub constituting a runner vane end portion including a base R portion of the runner vane is integrally provided to at least one of a crown and a band. A runner vane portion which is a portion of the runner vane except the runner vane end portion is made separately from the crown and the band, and the runner vane portion is welded to the stub. The stub and the runner vane portion welded to each other is configured such that a thickness of an end portion of at least one of the stub and the runner vane portion is larger than a thickness of an end portion of the other of the stub and the runner vane portion, and a bevel groove is provided on an end surface of the other of the stub and the runner vane portion.

No. of Pages: 34 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :22/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : APPARATUS METHOD AND ARTICLE FOR AUTHENTICATION SECURITY AND CONTROL OF POWER STORAGE DEVICES SUCH AS BATTERIES BASED ON USER PROFILES

(21) Application No.1353/DELNP/2014 A

(51) International classification	:H02J7/04,H01M10/44	(71)Name of Applicant :
(31) Priority Document No	:61/511900	1)GOGORO INC.
(32) Priority Date	:26/07/2011	Address of Applicant :Walker House 87 Mary Street George
(33) Name of priority country	:U.S.A.	Town Grand Cayman KY1 9005 Cayman Island
(86) International Application No	:PCT/US2012/048391	(72)Name of Inventor:
Filing Date	:26/07/2012	1)LUKE Hok Sum Horace
(87) International Publication No	:WO 2013/016570	2)TAYLOR Matthew Whiting
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A network of collection charging and distribution machines collect charge and distribute portable electrical energy storage devices (e.g. batteries supercapacitors or ultracapacitors). To charge the machines employ electrical current from an external source such as the electrical grid or an electrical service of an installation location. The charging and distribution machines may distribute portable electrical energy storage devices of particular performance characteristics and other attributes based on customer preferences and/or customer profiles. The charging and distribution machines may provide instructions to or otherwise program portable electrical energy storage devices stored within the charging and distribution machines to perform at various levels according to user preferences and user profiles.

No. of Pages: 59 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :01/01/2014

(21) Application No.14/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: METALLOCENE CATALYZED POLYETHYLENE

:06/07/2012

(51) International classification: C08L23/04,C08J5/18,C08L23/08 (71) Name of Applicant: (31) Priority Document No :11173375.4

(32) Priority Date :08/07/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/063217

Filing Date

(87) International Publication :WO 2013/007619

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant : Zone Industrielle C B 7181 Seneffe

Belgium

(72) Name of Inventor: 1)VANTOMME Aurlien 2)BERNARD Pierre

3)MICHEL Jacques 4)WILLOCQ Christopher 5)SIGWALD Armelle

A METALLOCENE CATALYZED POLYETHYLENE RESIN HAVING A MULTIMODAL MOLECULAR WEIGHT AND COMPOSITION DISTRIBUTION COMPRISING FROM 45% BY WEIGHT TO 75% BY WEIGHT OF A LOW DENSITY FRACTION SAID FRACTION HAVING A DENSITY BELOW OR EQUAL TO 0.918 G/CM AS MEASURED FOLLOWING THE METHOD OF STANDARD TEST ISO 1 183 AT A TEMPERATURE OF 23 °C WHEREIN THE DENSITY OF THE POLYETHYLENE RESIN IS FROM 0.920 TO 0.945 G/CM WHEREIN THE M/M OF THE POLYETHYLENE IS OF FROM 2.8 TO 6 WHEREIN THE MELT INDEX MI2 OF THE POLYETHYLENE RESIN OF FROM 0.1 TO 5 G/10MIN MEASURED FOLLOWING THE METHOD OF STANDARD TEST ISO 1 133 CONDITION D AT A TEMPERATURE OF 190 °C AND UNDER A LOAD OF 2.16 KG; AND WHEREIN THE COMPOSITION DISTRIBUTION BREADTH INDEX (CDBI) OF THE POLYETHYLENE RESIN IS BELOW 70% AS ANALYZED BY QUENCH TREF (TEMPERATURE RISING ELUTION FRACTIONATION) ANALYSIS.

No. of Pages: 50 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: POLYETHYLENE ADDITIVE COMPOSITIONS AND ARTICLES MADE FROM SAME

(51) International classification :C08K3/22,C08L23/04,F16L9/00 (71)Name of Applicant:

(31) Priority Document No :61/532879 (32) Priority Date :09/09/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/053880

No :06/09/2012 Filing Date

(87) International Publication No:WO 2013/036581

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) CHEVRON PHILLIPS CHEMICAL COMPANY LP

Address of Applicant: 10001 Six Pines Drive The Woodlands

Texas 77380 U.S.A. (72)Name of Inventor: 1)LANIER Elizabeth M.

2)HAUGER Bryan

(57) Abstract:

A method comprising forming a polymeric composition by adding zinc oxide to a polymer wherein a pipe formed from the polymeric composition displays a time to failure as determined in accordance with ASTM F2263 07(E1) that is increased by greater than about 25% when compared to an otherwise similar pipe formed from a polymeric composition lacking zinc oxide. A pipe comprising polyethylene and greater than about 0.5 wt.% zinc oxide having a time to failure as determined in accordance with ASTM F2263 07(E1) that is at least about 25% greater than an otherwise similar pipe prepared in the absence of zinc oxide. A method comprising forming a composition comprising a polymer and zinc oxide into an article and testing the structural integrity of the article when exposed to chlorinated water wherein the zinc oxide is present in an amount of from about 500 ppm to about 10000 ppm.

No. of Pages: 30 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application :06/03/2014

(21) Application No.1687/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: CONTINUOUS STAPLING INSTRUMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/072 :13/225842 :06/09/2011 :U.S.A. :PCT/US2012/052752 :29/08/2012 :WO 2013/036411 :NA :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati Ohio 45242 U.S.A. (72)Name of Inventor: 1)SWENSGARD Brett E.
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(57) Abstract:

A surgical stapling instrument can comprise a jaw configured to receive a staple cartridge, a firing member configured to eject staples from the staple cartridge, and a system for supplying a continuous number of staple cartridges to the jaw.

No. of Pages: 73 No. of Claims: 20

(22) Date of filing of Application :06/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: COATING/SEALANT SYSTEMS AQUEOUS RESINOUS DISPERSIONS AND METHODS OF **ELECTROCOATING**

(51) International :C09D5/44,C08G59/14,C08G59/30

classification (31) Priority Document No :13/232093

(32) Priority Date :14/09/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/045729 No

:06/07/2012 Filing Date

(87) International Publication :WO 2013/052190

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)PRC DESOTO INTERNATIONAL INC.

(21) Application No.1845/DELNP/2014 A

Address of Applicant: 12780 San Fernando Road Sylmar

California 91342 U.S.A. (72)Name of Inventor: 1)VALKO Joseph T. 2)PEFFER Robin M.

3)MAYO Michael A. 4)ANDERSON Lawrence G. 5)LINGENFELTER Thor G.

6)FURAR Beth

(57) Abstract:

(19) INDIA

A coating/sedant system that includes a coating and a sealant deposited over at least a portion of the coating, in which the coating includes a reaction product formed from reactants comprising a phosphated epoxy resin and a curing agent, and the sealant includes a sulfur-con taining polymer.

No. of Pages: 32 No. of Claims: 23

(21) Application No.159/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: V-BELT CONTINUOUSLY VARIABLE

(51) International classification	:F16H	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)MUSASHI SEIMITSU INDUSTRY CO., LTD.
(32) Priority Date	072161 :29/03/2013	Address of Applicant :39-5, AZA DAIZEN, UETA-CHO, TOYOHASHI-SHI, AICHI 441-8560, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)AKIRA SHIGIHARA
Filing Date	:NA	2)TERUSHISA OKAMOTO
(87) International Publication No	: NA	3)TAKASHI ATSUMI
(61) Patent of Addition to Application Number	:NA	4)MANABU NISHIMURA
Filing Date	:NA	5)YURI SATO
(62) Divisional to Application Number	:NA	6)TOSHIAKI YAMAMOTO
Filing Date	:NA	

(57) Abstract:

A V-belt continuously variable transmission is reduced in size through size 5 reduction of a motor (32) constituting part of an actuator (30). In an eco mode, thrust force of the actuator (30) is increased above zero at shift-up. Namely, a control section (80) controls the motor (32) such that the actuator (30) generates additional thrust force to be added to thrust force of a centrifugal weight (19). In a sport mode, the thrust force of the actuator (30) is decreased below zero at 10 shift-up. Namely, the motor (32) is controlled such that the actuator (30) generates resistant thrust force to resist the thrust force of the centrifugal weight (19). By causing the motor (32) to function not only as a thrust assist but also as a brake and thereby utilizing the motor (32) in the two modes, it is possible to reduce the size of the motor (32) and hence the overall size of the 15 transmission

No. of Pages: 36 No. of Claims: 10

(21) Application No.1692/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOW BFS COMPOSITE AND PROCESS FOR MAKING THE SAME

(51) International classification :D03D1/00,D03D15/00,D04H1/42 (71)Name of Applicant : (31) Priority Document No 1)HONEYWELL INTERNATIONAL INC. :61/531255 (32) Priority Date :06/09/2011 Address of Applicant :Patent Services M/S AB/2B 101 (33) Name of priority country Columbia Road P. O. Box 2245 Morristown NJ 07962 2245 :U.S.A. (86) International Application U.S.A. :PCT/US2012/053314 No (72)Name of Inventor: :31/08/2012 Filing Date 1)ARDIFF Henry Gerard (87) International Publication 2)YOUNG John Armstrong :WO 2013/101308 3)KLEIN Ralf (61) Patent of Addition to 4)TAM Thomas Yiu tai :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

Methods for producing composites useful for the formation of both soft and hard armor. More particularly methods for the production of ballistic resistant fibrous composites having improved ballistic resistance properties including low backface signature. The methods employ fiber surface treatments to improve the anchorage of substances applied onto fiber surfaces achieving a low delamination tendency and corresponding benefits.

No. of Pages: 60 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :06/03/2014

(21) Application No.1693/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : APPLICATION OF WATER ABSORPTION MATERIAL IN MEDICAL CAVITY CHANNEL EXPANDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:10/07/2012 :WO 2013/020435 :NA :NA	(71)Name of Applicant: 1)LIAONING AIMU MEDICAL SCIENCE & TECHNOLOGY CO. LTD. Address of Applicant: No.195 Linqing Street New Hi Tech Industrial Development Zone (East Compound) Anshan Liaoning 114044 China (72)Name of Inventor: 1)WU Xiaofeng 2)SHI Fengyang
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	
(57) Abetraet		

(57) Abstract:

A medical cavity channel expander is prepared by water absorption resin. The cavity channel expander has great improvements in terms of water absorption capability and water absorption speed especially the water absorption speed so as to greatly reduce waiting time of a patient and be applicable to expansion of all cavity channel surgeries. Moreover the cavity channel expander has a surface with a hyper slippery effect after absorbing water so the cavity channel expander can enter the cavity channel smoothly without any lubricant.

No. of Pages: 9 No. of Claims: 5

(21) Application No.1694/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : RESEALABLE SPOUT FOR SELECTIVELY ACCESSING COCONUT WATER WITHIN A COCONUT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/08/2011 :WO 2013/022439 :NA :NA	(71)Name of Applicant: 1)DEPOO Paul Address of Applicant: 2932 Staples Avenue Key West FL 33040 U.S.A. (72)Name of Inventor: 1)DEPOO Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A resealable spigot for a coconut that provides easy access by consumers to the sterile coconut water within a coconut includes a valve seat positioned within a coconut aperture and a plunger sleeve positioned within the valve seat. The plunger sleeve has a based positioned membrane that seals the coconut aperture. A plunger stopper is tethered to the plunger sleeve for shipping and storage and is used by the consumer to pierce the plunger sleeve membrane to gain access to the coconut water. The plunger sleeve is also used to reseal the coconut aperture to preserve any remaining coconut water for future consumption. Further provided is an additional embodiment for a spigot comprising a conduit having a spike tip on one end and a spout on the other with a through bore therebetween.

No. of Pages: 51 No. of Claims: 30

(19) INDIA

(22) Date of filing of Application :11/03/2014

(21) Application No.1853/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: WIND TURBINE WITH TOWER CLIMATISATION SYSTEM USING OUTSIDE AIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F03D11/00 :11180804.4 :09/09/2011 :EPO :PCT/EP2012/067377 :06/09/2012 :WO 2013/034627 :NA :NA	(71)Name of Applicant: 1)AREVA WIND GMBH Address of Applicant: Am Lunedeich 156 27572 Bremerhaven Germany (72)Name of Inventor: 1)TSCHIRCH Alexander
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wind turbine (1) comprising a tower (100) the tower having an upper part (4) a middle part (6) and a lower part (8) the lower and the middle part of the tower forming the base (9) of the tower waste heat generating equipment (14) located in the middle part of the tower and a cooling device (16) with at least one cooling device inlet (22) formed in the tower for introducing outside air (10) surrounding the tower into the tower wherein the cooling device (16) is adapted to guide the outside air from the or each cooling device inlet (22) into the lower part (8) of the tower such that the outside air can ascend towards the middle part (6) and upper part (4) of the tower while cooling the waste heat generating equipment (14) characterised in that the or each cooling device inlet (22) is located in the upper part (4) of the tower (100).

No. of Pages: 16 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SPUN YARN TAKE UP APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2013- 12490 :25/01/2013 :Japan :NA :NA :NA	(71)Name of Applicant: 1)TMT MACHINERY, INC. Address of Applicant:6TH FL., OSAKA GREEN BLDG., 2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041, JAPAN. (72)Name of Inventor: 1)KINZO HASHIMOTO 2)KAZUHIRO KAWAMOTO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide a spun yarn take-up apparatus in that a temperature fall of fiber bundles in a route from a cooling device to a heat drawing device is suppressed and the temperature of the fiber bundles just before the heat drawing device is raised higher than that of the conventional so as to shorten a contact time and a contact length with heating rollers required for heating the fiber bundles to not less than or equal to a predetermined temperature (glass transition temperature). Concretely, the spun yarn take-up apparatus includes a spinning device 20 spinning the plurality of the fiber bundles F from a melted material, the cooling device 30 air-cooling the fiber bundles F spun with the spinning device 20, the heat drawing device 70 heating and drawing the fiber bundles F on a downstream side in a running direction of the fiber bundles F relatively to the cooling device 30 and a winding device 80 winding the fiber bundles F on a downstream side in the running direction of the fiber bundles F relatively to the heat drawing device 70. A heat insulating device 60 is provided which constitutes running spaces 66 and 67, in which the fiber bundles F run from the cooling device 30 to just before the heat drawing device 70, and guides air used for cooling the fiber bundles F by the cooling device 30 into the running spaces 66 and 67.

No. of Pages: 26 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD FOR SELECTION OF SURFACTANTS IN WELL STIMULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E21B43/00 :61/573967 :15/09/2011 :U.S.A. :PCT/US2012/054768 :12/09/2012 :WO 2013/039980 :NA :NA	(71)Name of Applicant: 1)MULTI CHEM GROUP LLC Address of Applicant: 2905 Southwest Blvd. San Angelo TX 76904 U.S.A. (72)Name of Inventor: 1)XU Liang 2)FU Qiang
(61) Patent of Addition to Application	:NA	2)FU Qiang
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.1876/DELNP/2014 A

(57) Abstract:

A method of determining the suitability of a surfactant for use in a formation can include sampling water in the formation, providing at least two surfactants, and mixing each of the surfactants with the formation water to form surfactant/water samples. The method can further include determining the solubility of each surfactant with the formation water, comparing the solubility of each surfactant with the other surfactant, and assigning a solubility performance value for each surfactant based on its solubility in the formation water sample compared to the other surfactant.

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

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELECTROMAGNETIC FLEXURE

(51) International classification :F16K31/06,F16K31/08 (31) Priority Document No :1115726.0

(32) Priority Date :12/09/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/052241

Filing Date :12/09/2012

(87) International Publication No :WO 2013/038171

(61) Patent of Addition to Application
Number
Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)CAMBRIDGE ENTERPRISE LTD

(21) Application No.1877/DELNP/2014 A

Address of Applicant : University of Cambridge Hauser Forum

3 Charles Babbage Road Cambridge CB3 0GT U.K.

2)HALDEX BRAKE PRODUCTS LTD

3)CAMCON TECHNOLOGY LTD

(72)Name of Inventor:

1)CEBON David

2)ODHAMS Andrews

3)HOUGHTON Neil

4)WYGNANSKI Wladyslaw

5)MILLER Jonathan

6)PRESCOTT Robert David

7)HENDERSON Leon Michael

8)POTTER Laurence John

(57) Abstract:

An electromagnetic valve comprises a yoke (10); a magnet (30a 30b) having pole pieces (50a 50b) defining a gap; a flexure assembly (40) having one end attached to the yoke such that part of the flexure assembly extends into the gap the flexure assembly having at least one resilient portion formed of a resilient material and at least one magnetisable portion wherein that part of the flexure assembly that extends into the gap is movable between the pole pieces through an intermediate position towards which it is resiliently biased such that a resilient mechanical force is generated by deflecting the resilient portion from an undetected position; and means (20) for polarising the magnetisable portion of the flexure assembly so that the part of the flexure assembly that is movable between the pole pieces is attracted towards a pole piece by a magnetic force thereby defining a valve state; wherein the magnetisable portion and the resilient portion of the flexure assembly are configured such that the magnetic force defining the valve state is greater than the resilient mechanical force.

No. of Pages: 39 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :12/03/2014

(21) Application No.1878/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ABUTMENT CAPABLE OF ACCOMMODATING CORE CROWNS MANUFACTURED AT VARIOUS ANGLES AND FUNCTIONING AS A HEALING ABUTMENT HAVING A CAP ATTACHED THERETO METHOD FOR MANUFACTURING DENTAL IMPLANT PROSTHESES USING THE ABUTMENT AND METHOD FOR IMPLANT SURGERY USING THE ABUTMENT

(51) International :A61C8/00,A61C13/263,A61C5/08 classification

(31) Priority Document No

:1020110080850 :12/08/2011 (32) Priority Date (33) Name of priority country: Republic of Korea (86) International Application :PCT/KR2012/006396

No :10/08/2012

Filing Date (87) International Publication :WO 2013/025017

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA (71)Name of Applicant:

1)WANG Je Won

Address of Applicant: (Yongsan dong Keangnam honorsville Apartment2block) 505 ho 201 dong 133 Baeul2ro Yuseong gu

Daejeon 305 500 Republic of Korea

(72)Name of Inventor: 1)WANG Je Won

(57) Abstract:

Filing Date

The present invention relates to an abutment capable of accommodating core crowns manufactured at various angles and functioning as a healing abutment having a cap attached thereto to a method for manufacturing dental implant prostheses using the abutment and to a method for implant surgery using the abutment wherein the abutment consists of an artificial tooth crown (core crown) for an abutment formed in an upper portion of a fixture and is directly bonded using cement rather than using a healing abutment and grooves are further formed in the upper portion of the abutment and the lower portion of the crown so as to widen the contact area between the abutment and the crown and the abutment has a protrusion at a side surface thereof.

No. of Pages: 22 No. of Claims: 8

(21) Application No.110/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : ELECTROPLATING APPARATUS FOR MANUFACTURING FLEXIBLE PRINTED CIRCUIT BOARD

(51) International classification	:C25D	(71)Name of Applicant:
(31) Priority Document No	:TW102131339	1)INTECH ELECTRONCIS CO., LTD.
(32) Priority Date	:30/08/2013	Address of Applicant :NO. 283, SEC.2, ZHONG'AL RD.,
(33) Name of priority country	:Taiwan	GUANYIN TOWNSHIP, TAOYUAN COUNTY 328 TAIWAN,
(86) International Application No	:NA	R.O.C. Taiwan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUI-HO TSAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides an electro-plating apparatus. The electroplating apparatus includes a bath, a plurality of rolls, at least one cathodic roll, at least one electroplating anode, and a separation trough. In which, the separation trough is positioned in the bath, and at least one side-surface of the separation trough has a plurality of holes. An electroplating solution feeds into the bath through the separation trough or the bottom of the bath, and essentially spreads toward a plating object near the electroplating anode.

No. of Pages: 32 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POWER CONVERSION APPARATUS AND HIGH-VOLTAGE DC TRANSMISSION SYSTEM

(51) International classification	:H01F27/00	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)HITACHI, LTD.
(31) Thority Document No	011609	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:25/01/2013	CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHIGENORI INOUE
Filing Date	:NA	2)SHUJI KATOH
(87) International Publication No	: NA	3)YASUHIRO KIYOFUJI
(61) Patent of Addition to Application Number	:NA	4)MAKOTO KADOWAKI
Filing Date	:NA	5)HIROYUKI FUJITA
(62) Divisional to Application Number	:NA	6)HIDEKI OGATA
Filing Date	:NA	

(57) Abstract:

A power conversion apparatus (1 03) including a three-phase transformer (1 04) having at least four three-phase windings (401a, b, c; 402au, bv, cw, aw, bu, cv), and three converter arms (1 06u, v, w) each configured by connecting one or plural unit converters (1 07) each including a switching device (201) and an energy storage element (203,301) in series. A power source or a load is connected to a first three-phase winding (401 a, b, c) of the transformer, three series circuits which connects second and third three-phase windings (402au, bv, cw, aw, bu, cv) of the transformer, and the converter arms in series with each other are connected in parallel, the parallel connection point is a DC terminal, and a magnitude relationship between a coupling coefficient (k12) of the first and second three-phase windings, and a coupling coefficient (k24) of the fourth (403rs, st, tr) and second three-phase windings, and a coupling coefficient (k34) of the fourth and the third three-phase windings.

No. of Pages: 43 No. of Claims: 21

(21) Application No.1885/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: RANDOM ACCESS MODE FALLBACK IN WIRELESS NETWORKS

(51) International classification :H04W74/00,H04W74 (31) Priority Document No :61/592147

(32) Priority Date :30/01/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/SE2012/051377

Filing Date :12/12/2012 (87) International Publication No :WO 2013/115698

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:H04W74/00,H04W74/08 (71)**Name of Applicant :**

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE 164 83 Stockholm Sweden

(72)Name of Inventor:
1)SHI Nianshan

2)PRADAS Jose Luis

(57) Abstract:

Techniques for selectively steering traffic over E DCH or over PRACH in a UMTS network are disclosed. An example method implemented in a base station includes the receiving (62 72) of configuration data from a controlling node such as a UTRAN RNC the configuration data including parameters that define a condition for triggering a change in random access mode. The configuration data may include one or more resource related thresholds and time to trigger values. The base station monitors (64 74) one or more resource related conditions and detects an event for triggering a change in random access mode. In some embodiments the base station sends (66) a trigger message to the controlling network node in response to said detecting the trigger message indicating that a change in random access mode is needed. In other embodiments the base station executes (76)a change in random access mode in response to said detecting.

No. of Pages: 34 No. of Claims: 30

(19) INDIA

(22) Date of filing of Application :12/03/2014

(21) Application No.1886/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : METHOD FOR ADAPTIVE STREAMING LOCAL STORING AND POST STORING QUALITY INCREASE OF A CONTENT FILE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L29/06 :NA :NA :NA :PCT/SE2011/051237 :17/10/2011 :WO 2013/058684 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)ANDERSSON Ola 2)LINDQUIST Jan Erik
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention pertains to a method in an adaptive streaming enabled client for adaptive streaming local storing and post storing quality increase of a content file rendition of an associated selected content asset. The method comprises monitoring a bandwidth currently available for streaming of a segment file pertaining to the selected content asset from a server to the client; registering a selected content asset by receiving a user originating request identifying the selected content asset; selecting an adequate segment quality level to be requested based on the currently available bandwidth; adaptively selecting a segment to be requested contingent upon the local availability or quality level of file segments; requesting the segment from the content providing server in the specified adaptively selected adequate segment quality level; receiving the requested segment in a current segment quality level corresponding to the adaptively selected adequate quality level; storing locally the received segment in association with information regarding its quality level; and rendering received file segments pertaining to the content file in a manner as specified by a received manifest file pertaining to the content file. The invention also pertains to a client a computer program and a computer program product.

No. of Pages: 23 No. of Claims: 18

(21) Application No.173/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN AGITATOR AND A METHOD OF REPLACING A SHAFT SEAL OF AN AGITATOR

(51) International classification	:B02C 17/00	(71)Name of Applicant:
(31) Priority Document No	:13164161.5	1)SULZER PUMPEN AG
(32) Priority Date	:17/04/2013	Address of Applicant :NEUWIESENSTRASSE 15, 8401
(22) Name of milarity country	:EUROPEAN	WINTERTHUR, SWITZERLAND
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)OTTELIN JUHA
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 to an agitator. The present invention especially relates to an agitator comprising a drive unit (2) coupled by means of a coupling (16) to a first end of a drive shaft (18), a propeller (8) attached to a second end of the drive shaft 5 (18), the drive unit (2) being attached to a mounting flange (22) adapted for fastening the agitator to a wall of a mixing vessel, the agitator further comprising a support housing (6) having at least a tubular support frame (24) with a first end and a second end, the first end of the tubular support frame (24) being attached to the mounting flange (22), the second end of the tubular support frame (24) being provided with a support 10 bearing (30) for supporting the second end of the drive shaft (18), wherein a shaft seal (20) is arranged at the first end of the tubular support frame (24) and sealing means (32) is arranged in connection with the second end of both the drive shaft (18) and the tubular support frame (24). 15

No. of Pages: 27 No. of Claims: 14

(19) INDIA

(21) Application No.1888/DELNP/2014 A

(22) Date of filing of Application: 12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RAPID FLUORESCENCE TAGGING OF GLYCANS AND OTHER BIOMOLECULES WITH ENHANCED MS SIGNALS

(51) International classification :G01N33/533,C07D207/40 (71)Name of Applicant : (31) Priority Document No :61/540306 (32) Priority Date :28/09/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/057996

Filing Date :28/09/2012 (87) International Publication No :WO 2013/049622

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number :NA Filing Date

1)WATERS TECHNOLOGIES CORPORATION

Address of Applicant :34 Maple Street Milford MA 01757

(72)Name of Inventor:

1)BROUSMICHE Darryl W.

2)YU Ying qing

(57) Abstract:

Reagents comprising MS active fluorescent molecules with an activated functionality for reaction with amines useful in tagging biomolecules such as N glycans and uses thereof are taught and described.

No. of Pages: 43 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :12/03/2014

(21) Application No.1889/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: SLIDE BEARING

(51) International classification	:F16C17/02,F16C9/02	(71)Name of Applicant :
(31) Priority Document No	:2012063037	1)TAIHO KOGYO CO. LTD.
(32) Priority Date	:21/03/2012	Address of Applicant :65 Midorigaoka 3 chome Toyota shi
(33) Name of priority country	:Japan	Aichi 4718502 Japan
(86) International Application No	:PCT/JP2013/055350	2)TOYOTA JIDOSHA KABUSHIKI KAISHA
Filing Date	:28/02/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/140977	1)HIKITA Yasuhiro
(61) Patent of Addition to Application	:NA	2)KATO Shinichi
Number	:NA	3)KIMURA Yuichiro
Filing Date	.11/1	4)MURAKAMI Motoichi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A slide bearing (2) has a sliding surface (2a) that makes slidable contact with the external peripheral surface of a crank shaft (1) (rotating shaft) and an escape section (4) that recedes radially outward relative to the sliding surface (2a) the escape section (4) being formed in the circumferential direction at both axial end parts on the sliding surface (2a). The escape section (4) is provided with a flat section (4a) formed at an axial end part and a tapered section (4b) formed so as to gradually descend from the flat section (4a) toward a boundary portion between the escape section (4) and the sliding surface (2a). After forming an eddy or becomes turbulent inside the tapered section (4b) a lubricant circulates along the tapered section (4b) whereby a high pressure region (W) produced by the flow of the lubricant is formed in the position of the flat section (4a). The temperature of the lubricant can be rapidly increased and leakage of the lubricant can be minimized.

No. of Pages: 19 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FILTER DEVICE HAVING A PARTICLE FILTER AND A WATER SEPARATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01N3/00 :102013202718.4 :20/01/2013 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor: 1)ARIAS, JOSE LUIS ARIAS
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(57) Abstract:

The present subject matter proposes a filter device (10) for filtering a fluid, in 5 particular to filtering of fuel, comprising a particle filter (14) for filtering of particles form the fluid and a water separator (16) for separating water from the fluid, wherein the water separator (16) is equipped with a water guide (44) to guide the water, separated through the water separator, from a first end to a second end of the water separator, according to the present subject matter the water separator (16) is equipped with a support sleeve (40) 10 carrying at least one water separating surface (42), and the water guide (44) is designed integrally with the support sleeve (40).

No. of Pages: 15 No. of Claims: 13

(22) Date of filing of Application :15/01/2014

(21) Application No.113/DEL/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: BATTERY MODULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G02F :61/754,019 :18/01/2013 :U.S.A. :NA :NA :NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

A battery module includes a first battery cell, a second battery cell, and a terminal connection member connecting the first and second terminal portions together, and including: a first contact portion, the first contact portion having a first facing portion contacting the first terminal portion, a second contact portion, the second contact portion having a second facing portion contacting the second terminal portion, the second facing portion being spaced apart from the first facing portion in a first direction, an outermost portion of the first contact portion being spaced apart in the first direction fiom an outermost portion of the second contact portion by a first distance, and a support portion, the support portion extending in the first direction between the first contact portion and the second contact portion, the support portion having an overall length in the first direction that is greater than the first distance.

No. of Pages: 34 No. of Claims: 20

(21) Application No.158/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BRAKE CAMSHAFT AND METHOD OF MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F01L :13/912,380 :07/06/2013 :U.S.A. :NA :NA :NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A brake camshafl and a method of manufacture. The brake camshaft may include a tube portion, a cam portion, and an end portion. The tube portion may have a first tube end, a second tube end, and a tube cavity that extends from the first tube end to the second tube end. The cam portion may be disposed on the first tube end.

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

(21) Application No.163/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INFORMATION PROCESSING APPARATUS

·B60I	(71)Name of Applicant :
:2013-	1)CASIO COMPUTER CO., LTD.
009452	Address of Applicant :6-2, HON-MACHI 1-CHOME,
:22/01/2013	SHIBUYA-KU, TOKYO 151-8543, JAPAN
:Japan	(72)Name of Inventor:
:NA	1)MAKINO TETSUJI
:NA	2)NAKAGOME KOUICHI
: NA	
:NA	
:NA	
:NA	
:NA	
	009452 :22/01/2013 :Japan :NA :NA : NA : NA :NA

(57) Abstract:

An information processing apparatus of the present application includes a drawing unit that draws a line on an image in a drawing area displayed in a fixed mode, which displays an image by fixing a position of the image; a judgment unit that judges whether a position of the line during drawing by the drawing unit is positioned on a boundary indicating the drawing area; a mode switching unit that switches from the fixed mode to a predetermined mode other than the fixed mode in a case in which the position during drawing is judged as being positioned on the boundary indicating the drawing area by the judgment unit; and a display control unit that executes control to display the image based on the mode switched by the mode switching unit.

No. of Pages: 45 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LNG CARRIER

(51) International classification: B63B25/16, B63B3/20, B63B11/02 (71) Name of Applicant:

(31) Priority Document No :2011177360 (32) Priority Date :13/08/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/070594

No

:13/08/2012 Filing Date

(87) International Publication

:WO 2013/024835

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)MORIMOTO Nobuyoshi

(21) Application No.1684/DELNP/2014 A

Address of Applicant :12 2 Hachiyamacho Shibuyaku Tokyo

1500035 Japan

(72)Name of Inventor:

1)MORIMOTO Nobuyoshi

Provided is a LNG storage tank of a membrane type mounted on a LNGFPSO or a LNG carrier, wherein volumetric efficiency is high and sloshing does not easily occur at the time of heavy weather. In order to solve this problem, a membrane-type tank 16 is composed of a main tank 16a under a deck and a box-shaped head tank 16b on the deck. These main and head tanks communicate with each other via a hole 17 opened in the deck to form one tank. The main tank 16a is formed by forming a heat insulation layer 19 on inner sides of a double bottom 18 and left and right longitudinal bulkheads 15 and further by liquid-tightly covering the top by a membrane 20 of Invar or the like. Similarly, the head tank 16b also has a heat insulation layer and a membrane provided on its inner surface.

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

(19) INDIA

(22) Date of filing of Application: 12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PADLOCK

(51) International :E05B17/00,E05B17/14,E05B67/24 classification

(31) Priority Document No :20116058

(32) Priority Date :28/10/2011 (33) Name of priority country: Finland

(86) International Application :PCT/FI2012/051034

No :26/10/2012

Filing Date (87) International Publication :WO 2013/060942

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)ABLOY OY

Address of Applicant: Wahlforssinkatu 20 FI 80100 Joensuu

Finland

(72)Name of Inventor: 1)KYLL-NEN Veli Pekka 2)SALLINEN Tomi

(21) Application No.1895/DELNP/2014 A

(57) Abstract:

The object of the invention is to provide a padlock (1) which is capable of remaining functional in even very dusty watery or otherwise difficult conditions. In addition there would be reason for forming the protection level of the padlock (1) to be selectable and updatable as needed to even a better. The invention comprises a protective cap (17) provided with a gasket (30) and possibly gasketed latch elements (22).

No. of Pages: 15 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :24/02/2014

(21) Application No.1360/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: HIGH TITER PRODUCTION OF POLY (A 1,3 GLUCAN)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C12P19/18 :61/532714 :09/09/2011 :U.S.A. :PCT/US2012/054521 :10/09/2012 :WO 2013/036968 :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 Market Street Wilmington Delaware 19899 U.S.A. (72)Name of Inventor: 1)OBRIEN John P. 2)PAYNE Mark S.
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for enzymatic preparation of poly (a 1,3 glucan) from sucrose is disclosed. The glucosyltransferase enzyme (gtfJ) from is used to convert sucrose to fructose and poly (a 1,3 glucan). Application of semi permeable membranes to continuously remove fructose a by product of the gtf enzyme thus increasing the poly (a 1,3 glucan) liter is disclosed.

No. of Pages: 31 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :24/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH VOLTAGE ELECTRO CHEMICAL DOUBLE LAYER CAPACITOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01G9/058 :13/242284 :23/09/2011 :U.S.A. :PCT/US2012/055059 :13/09/2012 :WO 2013/043453	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor: 1)GADKAREE Kishor Purushottam 2)JAYARAMAN Shrisudersan
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electro chemical double layer capacitor comprises positive and negative electrodes where the carbon material that is incorporated into the positive electrode is halogenated carbon material while the carbon material that is incorporated into the negative electrode is un halogenated carbon material. Further the carbon material incorporated into each respective electrode can have a distinct pore size distribution. A pore volume ratio of the carbon material incorporated into the positive electrode is greater than a pore volume ratio of the carbon material incorporated into the negative electrode. The pore volume ratio R is defined as R = V1/V where V1 is a total volume of pores having a pore size of less than 1nm and V is a total volume of pores having a pore size greater than 1 nm.

No. of Pages: 29 No. of Claims: 20

:NA

(21) Application No.1857/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ORAL DELIVERY FOR HEMOGLOBIN BASED OXYGEN CARRIERS

(51) International classification :A61K38/42,A61K9/20,A61K9/16 (71)Name of Applicant : 1)WONG Bing Lou (31) Priority Document No :61/531224 :06/09/2011 Address of Applicant :3592 S. Mall Street Irvine CA 92606 (32) Priority Date (33) Name of priority country :U.S.A. U.S.A. (86) International Application 2)KWOK Sui Yi :PCT/US2012/051960 (72)Name of Inventor: :23/08/2012 Filing Date 1)WONG Bing Lou (87) International Publication 2)KWOK Sui Yi :WO 2013/036383 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

A process for making hemoglobin based oxygen carrier (HBOC) containing pharmaceutical composition suitable for oral delivery and the composition formed thereby are described. There are three exemplary composition configurations which include (1) hemoglobin loaded nanoparticles solution (2) enteric coated hemoglobin capsules and (3) enteric coated hemoglobin tablets. To facilitate the bioavailability and bio compatibility of hemoglobin intestinal abosprtion enhancers are added in each of the HBOC formulations. Protective layers ensure delivery of an intact hemoglobin structure in intestinal tract without degradation in the stomach. The HBOC formulations may be used for preventive or immediate treatment of high altitude syndrome (HAS) or for treatment of hypoxic conditions including blood loss anemia hypoxic cancerous tissue and other oxygen deprivation disorders. In addition to delivering oxygen the heme group of hemoglobin from HBOC formulations can provide heme iron to the human body to aid in the production of more red blood cells.

No. of Pages: 32 No. of Claims: 22

(21) Application No.1908/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A BALANCED PNEUMATIC MANIPULATOR

:NA

(51) International classification: B25J13/00,B25J18/00,B25J19/00 (71) Name of Applicant: (31) Priority Document No :TO2012A000425 1)DALMEC S.P.A. (32) Priority Date Address of Applicant: Via Gramsci 2 I 38023 Cles (Trento) :11/05/2012 (33) Name of priority country :Italy Italy (86) International Application (72)Name of Inventor: :PCT/IB2013/053791 1)LORENGO Giovanni No :10/05/2013 Filing Date (87) International Publication :WO 2013/168130 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

The manipulator comprises a supporting device (11) having an assembly (13) rotatable about a vertical axis and an articulated parallelogram (21) with a swing arm (24). A pneumatic linear actuator (22) acts between the rotatable assembly (13) and the articulated parallelogram (21) for causing the arm (24) to rotate about a horizontal axis of oscillation. A slide (23) is connected to the actuator (22) and slidably mounted on the rotatable assembly (13) by means of a first vertical guide (30). The slide has a second horizontal guide (31) in which is engaged an element (32 33) mounted on the swing arm (24).

No. of Pages: 14 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROTEIN DETECTION

(51) International classification :C07K1/14,G0 (31) Priority Document No :1114341.9 (32) Priority Date :19/08/2011 (33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/051171 Filing Date :24/05/2012

(87) International Publication No :WO 2013/027008

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:C07K1/14,G01N33/68 (71)Name of Applicant :

1)ACQUASCIENCE LIMITED

(21) Application No.1909/DELNP/2014 A

Address of Applicant :Ground Floor Unit 2/7 Horsted Square Bellbrook Business Park Uckfield Sussex TN22 1QG U.K.

(72)Name of Inventor:

1)NEVES Andr T. R. M. A.

2)PAGE Brian

(57) Abstract:

The present invention relates to reagents for separating proteins from detergent reagents for detecting proteins in the presence of a detergent and methods of using the same. The separating reagents contain a cyclic oligomer such as cyclodextrin and a cellulose derivative such as 2 hydroxyethyl cellulose. When used in combination with standard protein complexing dyes the reagents allow detection of proteins in electrophoresis gels at nanogram levels.

No. of Pages: 35 No. of Claims: 43

(19) INDIA

(22) Date of filing of Application:11/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TRANSCRIPTION TERMINATORS

(51) International

:C12N15/113,C12N15/05,C12N15/82 classification

(31) Priority Document No :61/523012 (32) Priority Date :12/08/2011

(33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/050300

Application No :10/08/2012 Filing Date

(87) International

:WO 2013/025485 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)CERES INC.

Address of Applicant: 1535 Rancho Conejo Boulevard

Thousand Oaks California 91320 1440 U.S.A.

(21) Application No.1862/DELNP/2014 A

(72)Name of Inventor:

1)LIANG Delin

2)ALEXANDROV Nickolai

3)LU Yu Ping

(57) Abstract:

This document provides methods and materials related to transcription terminators. For example methods and materials related to transcription terminators and nucleic acid molecules (e.g. vectors and constructs) that contain a nucleic acid sequence that encodes a polypeptide operably linked to a transcription terminator are provided. In addition plants plant cells and plant seeds having a nucleic acid sequence that encodes a polypeptide operably linked to a transcription terminator are provided.

No. of Pages: 56 No. of Claims: 105

(19) INDIA

(22) Date of filing of Application :11/03/2014

(21) Application No.1863/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE FOR PROVIDING LIQUID REDUCING AGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F01N3/20 :10 2011 112 325.7 :02/09/2011 :Germany :PCT/EP2012/066363 :22/08/2012 :WO 2013/030066 :NA :NA	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH Address of Applicant: Hauptstrasse 128 53797 Lohmar Germany (72)Name of Inventor: 1)MAGUIN Georges 2)SCHEPERS Sven 3)HODGSON Jan
Filing Date	:NA	

(57) Abstract:

The invention relates to a device (1) for providing liquid reducing agent for an exhaust gas treatment device (2) having a tank (3) and having a delivery unit (4) with a suction point (5) in the tank (3) at which reducing agent can be sucked out of the tank (3). The suction point (5) is covered by a separation layer (6) such that a closed intermediate space (7) is formed between the suction point (5) and the separation layer (6) wherein the separation layer (6) has a higher flow resistance to reducing agent in an outflow direction (24) from the intermediate space (7) into the tank (3) than in an inflow direction (23) from the tank (3) into the intermediate space (7).

No. of Pages: 28 No. of Claims: 10

(21) Application No.1864/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:11/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS AND METHODS FOR BALANCED LOAD POINT AND PERMISSIVE CLOSE **DETERMINATIONS FOR DISTRIBUTION FEEDERS**

(51) International classification :H02J3/02,H02J13/00,H02J3/46 (71)Name of Applicant :

(31) Priority Document No :61/543840 (32) Priority Date :06/10/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/059173 Filing Date :08/10/2012

(87) International Publication No :WO 2013/066569

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

(72)Name of Inventor:

1)SMIT Andre

2)STINSKIY Alexandr S.

(57) Abstract:

Apparatus and methods in accordance with this invention may be used with a distribution feeder that includes switches and line sections between adjacent switches each switch being a switching point of the distribution feeder. In particular methods and apparatus in accordance with this invention determine a first load at a first switch and a second load at a second switch coupled to the first switch via a first line section communicate the first load and a first load budget from the first switch to the second switch determine a third load on the first line section based on the first load and the second load and determine a second load budget at the second switch based on the first load budget and the third load all substantially in real time. Numerous other aspects are also provided.

No. of Pages: 44 No. of Claims: 20

(10) DIDIA

(21) Application No.1914/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CUTTING ASSEMBLY AND METHOD OF CUTTING COILED TUBING

(51) International classification :E21B29/00,E21B29/04,E21B43/114

(31) Priority Document No :13/247757 (32) Priority Date :28/09/2011 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2012/053665

Filing Date :04/09/2012

(87) International Publication No :WO 2013/052225

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)BAKER HUGHES INCORPORATED

Address of Applicant :2929 Allen Parkway Suite 2100

Houston TX 77019 2118 U.S.A.

(72)Name of Inventor:

1)MISSELBROOK John G.

2)SACH Manfred 3)SKUFCA Jason

(57) Abstract:

A coiled tubing cutter assembly comprises a housing (72) configured to be inserted in a length of coiled tubing (74). The housing forms a main bore (76) and a first pathway (78) through which cutting fluid can flow through the housing and be directed to impinge against an inner surface of the coiled tubing over which the housing is positioned so as to cut the coiled tubing. A sleeve (80) is positioned in the main bore. The sleeve is movable between a first position and a second position within the main bore. The sleeve is configured so as to block the first pathway when in the first position and to allow cutting fluid to pass through the first pathway in the second position. A method of cutting coiled tubing is also disclosed.

No. of Pages: 38 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application: 13/03/2014

(21) Application No.1915/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: CUTTING ELEMENTS FOR EARTH BORING TOOLS EARTH BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS AND RELATED METHODS

:E21B10/46,E21B10/567 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/535766 (32) Priority Date :16/09/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/055001 Filing Date :13/09/2012

(87) International Publication No :WO 2013/040125

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)BAKER HUGHES INCORPORATED

Address of Applicant : P.O. Box 4740 Houston TX 77210 4740

(72)Name of Inventor:

1)DIGIVANNI Anthony A. 2)PESSIER Rudolf Carl

(57) Abstract:

Cutting elements earth boring drill bits having such cutting elements and related methods are described herein. In some embodiments a cutting element for an earth boring tool may include a superabrasive table having a recessed surface in a cutting face thereof and a shaped feature in a substrate at the interface between the superabrasive table and the substrate the shaped feature corresponding to the recessed surface in the cutting face of the superabrasive table. In further embodiments a cutting element for an earth boring tool may comprise a superabrasive table positioned on a substrate and at least one substantially planar recessed surface in a cutting face of the superabrasive table. In yet additional embodiments a cutting element for an earth boring tool may comprise a superabrasive table positioned on a substrate and at least one non planar recessed surface in a cutting face of the superabrasive table.

No. of Pages: 39 No. of Claims: 20

(21) Application No.171/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CASTING CUP ASSEMBLY FOR FORMING AN OPHTHALMIC DEVICE

(51) International classification(31) Priority Document No(32) Priority Date	:13/763,345 :08/02/2013	Address of Applicant :7500 CENTURION PARKWAY,
(33) Name of priority country (86) International Application No	:U.S.A. :NA	JACKSONVILLE, FL 32256, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)VINCENT H. BARRE
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)SCOTT F. ANSELL 3)GREGORY L. BERCKMILLER
Filing Date (62) Divisional to Application Number	:NA :NA	4)TIMOTHY BURKILL 5)MARK MCCONNELL
Filing Date	:NA	S)WARR WCCONNELL

(57) Abstract:

Disclosed in this specification is a casting cup assembly comprising frontcurve and basecurve molds which of which includes a ring that circumscribes the respective concave and convex mold surface. When the casting cup is assembled, the rings align and minimize de-centering and tilting of the concave and convex mold surfaces which, in turn, reduces edge defects.

No. of Pages: 28 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

:NA

(54) Title of the invention : LIQUID CRYSTAL DISPLAY WITH COLOR WASHOUT IMPROVEMENT AND METHOD OF DRIVING SAME

(51) International classification:G02F1/1362,G0(31) Priority Document No:13/277475(32) Priority Date:20/10/2011(33) Name of priority country:U.S.A.

(86) International Application No :PCT/CN2012/073412 Filing Date :31/03/2012

(87) International Publication No :WO 2013/056536 (61) Patent of Addition to Application

Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA

:G02F1/1362,G09G3/36 (71)Name of Applicant :

1)AU OPTRONICS CORPORATION

(21) Application No.1867/DELNP/2014 A

Address of Applicant :No.1 Li Hsin Road 2 Science Based

Industrial Park Hsin Chu Taiwan China

(72)Name of Inventor:1)WU Yu Ching2)TING Tien Lun3)TIEN Kun Cheng4)LIAO Chien Huang5)HSU Wen Hao

(57) Abstract:

Filing Date

An LCD panel with color washout improvement. In one embodiment, the LCD panel includes a plurality of pixels spatially arranged in a matrix form, each pixel defined between a respect ive pair of scanning lines ($G\check{z}$, $G\check{z}$) and two neigh boring data lines Dm and Dm+ i, comprising a pixel electrode, a first transistor electrically coupled to the scanning lines $G\check{z}$, the date line Dm and the pixel electrode, and a second transistor electrically coupled to the scanning lines $G\check{z}$ and the pixel electrode such that when N pairs of scanning sig nals to the N pairs of scanning lines { $G\check{z}$, $G\check{z}$ } and a plurality of data signals to the data lines, the pixel electrode of each pixel has a first voltage at the first duration of a frame period, and a second voltage at the second duration of the frame period, P(n+1,m) CS respectively. The first and second voltages are sub T stantially different from each other.

No. of Pages: 32 No. of Claims: 25

(22) Date of filing of Application:11/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: AN ADJUSTABLE WALL STUD

(51) International classification :E04B2/58,E04B2/76,E04C3/32 (71)Name of Applicant :

(31) Priority Document No :2011903918 (32) Priority Date :23/09/2011

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2012/001120

Filing Date :19/09/2012 (87) International Publication No :WO 2013/040632

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)MOROZOV Ilia

Address of Applicant :c/o Suite 4 Level 3 20 George St

Hornsby New South Wales 2077 Australia

(21) Application No.1868/DELNP/2014 A

(72)Name of Inventor: 1)MOROZOV Ilia

(57) Abstract:

(19) INDIA

The present invention relates to a wall stud including: opposed mounting surfaces for receiving wall panels; a web is disposed between the opposed mounting surfaces; first and second ends; the first end is provided on a first stud member and the second end is provided on a second stud member; the first and second stud members are movable with respect to one another to provide for adjustment of the effective length of the wall stud.

No. of Pages: 17 No. of Claims: 8

(21) Application No.1869/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:11/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE AND METHOD FOR STEEPING GERMINATING KILNING FERMENTING AND/OR COMBINATIONS THEREOF GRAIN

(51) International classification:C12C1/02,C12C1/027,C12C1/073 (71)Name of Applicant:

:WO 2013/044984

(31) Priority Document No

(32) Priority Date :01/01/1990

(33) Name of priority country

(86) International Application :PCT/EP2011/067143

:30/09/2011 Filing Date

(87) International Publication

No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)BHLER AG

Address of Applicant : Gupfenstrasse 5 CH 9240 Uzwil

Switzerland

(72)Name of Inventor:

1)G-RLITZ Frank Otto 2)SILBERMANN Kai

3)BISCHOFF Wolf Eckart

(57) Abstract:

The invention relates to a method and a device for steeping germinating kilning fermenting grain wherein the device comprises a container (3) having at least one plate (20) which can be mounted in the container and having at least one opening (21) for the supply and/or removal of fluid. In addition the container (3) has at least one base surface (4) wherein on the base surface (4) substantially vertically arranged side surfaces (5) and on the base surface (4) substantially vertically arranged end surfaces (9) are present. In addition a covering surface (6) that is in particular substantially horizontally arranged on at least one side surface (5) and/or end surface (9) is present as a result of which a process chamber is formed. The internal measurement of a side length of the end surface (9) is 2 to 2.5 meters in particular 2.345 meters.

No. of Pages: 38 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ANODE BATTERY MATERIALS AND METHODS OF MAKING THE SAME

(51) International classification	:H01L21/306	(71)Name of Applicant :
(31) Priority Document No	:61/525392	1)WILLIAM MARSH RICE UNIVERSITY
(32) Priority Date	:19/08/2011	Address of Applicant :6100 Main Street Houston TX 77005
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/051543	2)LOCKHEED MARTIN CORPORATION
Filing Date	:20/08/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/028598	1)BISWAL Sibani L.
(61) Patent of Addition to Application	:NA	2)THAKUR Madhuri
Number	:NA :NA	3)WONG Michael S.
Filing Date	.IVA	4)SINSABAUGH Steven L.
(62) Divisional to Application Number	:NA	5)ISAACSON Mark
Filing Date	:NA	

(57) Abstract:

In some embodiments the present invention provides novel methods of preparing porous silicon films and particles for lithium ion batteries. In some embodiments such methods generally include: (1) etching a silicon material by exposure of the silicon material to a constant current density in a solution (e.g. hydrofluoric acid solution) to produce a porous silicon film over a substrate; and (2) separating the porous silicon film from the substrate by gradually increasing the electric current density in sequential increments. In some embodiments the methods of the present invention may also include a step of associating the porous silicon film with a binding material such as polyacrylonitrile (PAN). In some embodiments the methods of the present invention may also include a step of splitting the porous silicon film to form porous silicon particles.

No. of Pages: 58 No. of Claims: 49

(19) INDIA

(43) Publication Date: 13/03/2015

(21) Application No.133/DEL/2014 A

(22) Date of filing of Application: 17/01/2014

(54) Title of the invention: CONDITION OF ASSEMBLY VISUALIZATION

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) International Publication Number Filing Date (88) International Application No Filing Date (89) International Application No Filing Date (80) International Application No Filing Date (80) International Application No Filing Date (81) CHICAGO, IL 60606-2016, U.S.A. U.S.A. (72) Name of Inventor: 1) CHRISTOPHER SENESAC 1) CHRICAGO, IL 60606-2016, U.S.A. U.S.A. (72) Name of Inventor: 1) CHRISTOPHER SENESAC	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	Address of Applicant :100 NORTH RIVERSIDE PLAZA, CHICAGO, IL 60606-2016, U.S.A. U.S.A. (72)Name of Inventor:
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(57) Abstract:

A method and apparatus for identifying a condition of assembly (606). A model (216) for an aircraft (104) is identified. A state (600) from states (226) of assembly for the aircraft is identified. Parts (608) present in the aircraft (104) for the state (600) selected for the aircraft (104) are identified. Sections of the aircraft (104) with the parts (608) present in the aircraft (104) are displayed for the state (600) selected in a graphical user interface (208) on a display device.

No. of Pages: 73 No. of Claims: 16

(21) Application No.151/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WAVE-DRIVEN POWER GENERATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:F03B :102103223 :28/01/2013	
(33) Name of priority country	:Taiwan	TOUFEN TOWNSHIP, MIAOLI COUNTY, TAIWAN,
(86) International Application No	:NA	REPUBLIC OF CHINA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PENG, SHENG-PO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wave-driven power generation system that uses a motor reducer to turn a rocker bar in moving wave-making barrels alternatively up and down, causing creation of water waves in water reservoirs so that float boards in the water reservoirs are moved by created water waves to rotate a transmission gearbox that is coupled to a power generating unit through an inertia wheel set, 10 and thus, the power generating unit is driven to generate electricity.

No. of Pages: 17 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date of filing of Application Date of filing of Application :11/03/2014

(43) Publication Date: 13/03/2015

(21) Application No.1875/DELNP/2014 A

(54) Title of the invention: FUEL PERFORMANCE BOOSTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60K6/20,F02B7/04 :61/626012 :19/09/2011 :U.S.A. :PCT/US2012/055303 :14/09/2012 :WO 2013/043479 :NA :NA	(71)Name of Applicant: 1)NORTHERN TECHNOLOGIES INTERNATIONAL CORPORATION Address of Applicant: 23205 Mercantile Road Beachwood Ohio 44122 U.S.A. (72)Name of Inventor: 1)LEE Sunggyu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Hydrogen is produced from methanol and water under supercritical temperature and pressure conditions desirably without any catalyst. The hydrogen can be produced in situ on an internal combustion engine using a heat source such as the exhaust system of the internal combustion engine to achieve the supercritical temperature.

No. of Pages: 28 No. of Claims: 20

1

(21) Application No.1925/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PYROTECHNIC TIME DELAY ELEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011/07996 :17/10/2011 :South Africa	(71)Name of Applicant: 1)AEL MINING SERVICES LIMITED Address of Applicant: c/o AECI Limited 1st Floor AECI Place 24 The Woodlands Woodlands Drive Sandton South Africa (72)Name of Inventor: 1)BEZUIDENHOUT Hendrik Cornelius 2)HALLIDAY Pieter Stephanus Jacobus
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(57) Abstract:

A pyrotechnic time delay element which includes a casing made from a plastics material a pyrotechnic composition inside the volume a membrane inside the volume against one end of the pyrotechnic composition and a primary explosive inside the volume on an opposing side of the membrane.

No. of Pages: 15 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :13/03/2014

(21) Application No.1926/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: PHASS

(51) International classification:A45F3/24(31) Priority Document No:WO2011IB53601(32) Priority Date:14/08/2011

(33) Name of priority country :PCT

(86) International Application No :PCT/IB2011/05360
Filing Date :14/08/2011

(87) International Publication No :WO 2013/024323

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

(71)Name of Applicant : 1)FRANKSON Geoffrey

Address of Applicant :3 St. Luke Street Caribbean Shores

:PCT Belize City none BELIZE :PCT/IB2011/053601 (72)Name of Inventor :

1)FRANKSON Geoffrey

(57) Abstract:

A portable hammock stand with three major components that can be easily disassembled for transport or storage. The components are preferably made of lightweight metal tubing or other material of similar strength and rigidity. The lateral component on each side consists of an upwardly extending telescoping shaft (or pair of shafts) of adjustable length detachably fastened at an angle to a horizontal shaft which is clamped between a pair of compression springs on each side with the springs in turn supported on another shaft with wheels. The central component consists of an assembly of interlocking levers detachably fastened at the outer extents of the component to the upright shafts of the lateral components. The levers transmit the weight of an occupant of the hammock to a central assembly of extension springs. The compression springs at the base of the lateral components allow a side to side swaying of the structure which prolongs the swinging of the hammock while the extension springs at the centre allow an inward tilting of the lateral components with a vertical springing movement. The combination of movements provides a uniquely relaxing experience for an occupant of the hammock.

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

(21) Application No.1927/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SURFACTANT RESPONSIVE DISPERSION POLYMERIZED MICRO GELS

(51) International classification: C09K8/62, C09K8/66, C08F220/00 (71) Name of Applicant:

:WO 2013/040178

(31) Priority Document No :61/533884 (32) Priority Date :13/09/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/055110

No :13/09/2012 Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to Application :NA

> :NA Filing Date

1)LUBRIZOL ADVANCED MATERIALS INC.

Address of Applicant :9911 Brecksville Road Cleveland Ohio

44141 3247 U.S.A.

(72)Name of Inventor:

1)YANG Wei Yeih 2)CHARI Krishnan

3)HSU Shui Jen Raymond

4)BHARGAVA Prachur

(57) Abstract:

Number

A stable aqueous composition containing a crosslinked nonionic amphiphilic polymer capable of forming a yield stress fluid in the presence of a surfactant is disclosed. The crosslinked nonionic amphiphilic polymer is prepared by dispersion polymerization in the presence of a stabilizing polymer. The yield stress fluid is capable of suspending insoluble materials in the form of particulates and/or droplets requiring suspension or stabilization.

No. of Pages: 71 No. of Claims: 73

(21) Application No.1890/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR FORMING BORONIC ACIDS AND INTERMEDIATES THEREOF

(51) International classification :C07F5/02,C07F1/02,B01J8/06 (71)Name of Applicant :

(31) Priority Document No :61/534768 (32) Priority Date :14/09/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/055605

Filing Date :14/09/2012 (87) International Publication No :WO 2013/040479

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)DOW AGROSCIENCES LLC

Address of Applicant: 9330 Zionsville Rd. Indianapolis IN

46268 U.S.A.

(72)Name of Inventor:

1)MENNING Catherine A. 2)BLAYLOCK D. Wavne 3)EMONDS Mark V.m.

(57) Abstract:

Methods for forming boronic acids and intermediates thereof are disclosed. The method may include mixing a l chloro 2 substituted 3 fluorobenzene starting material with an alkyllithium in a first reactor to form a reaction mixture. The 1 chloro 2 substituted 3 fluorobenzene starting material may react with the alkyllithium to form a lithiated intermediate. The reaction mixture may be continuously transferred to a second reactor and a borate may be continuously introduced to form a boronate. The boronic acids may be formed by treating the boronate with aqueous potassium hydroxide followed by acidification. Such methods may provide continuous formation of the boronic acids and may reduce an amount of a reactive intermediate present during processing as well as cycle times. Systems for forming the boronic acids are also disclosed.

No. of Pages: 25 No. of Claims: 35

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TIRE CURING BLADDERS

(51) International classification: B29C33/00,B60C1/00,C08L23/22 (71)Name of Applicant:

(31) Priority Document No :61/543384 (32) Priority Date :05/10/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/051738

No

:21/08/2012 Filing Date

(87) International Publication

:WO 2013/052206

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) EXXONMOBIL CHEMICAL PATENTS INC.

(21) Application No.1891/DELNP/2014 A

Address of Applicant :5200 Bayway Drive Baytown TX

77520 U.S.A.

(72)Name of Inventor:

1)RODGERS Michael B.

2)DIAS Anthony J.

3)CLAASSEN Robert J. II

(57) Abstract:

An elastomeric composition for a curing bladder comprises isobutylene based elastomer curative and a hydrocarbon polymer modifier comprising monomers selected from the group consisting of piperylenes cyclic

pentadienes aromatics limonenes pinenes amylenes and combinations thereof wherein the cyclic pentadienes comprise at least 10 weight percent of the monomers by total weight of the monomers. Also disclosed are a tire curing bladder made from the elastomeric composition a tire curing press containing the bladder a method of making the tire curing bladder an improvement to the process of making the tire curing bladder to improve processability of the mixture and fatigue life and DeMattia cut growth a method of making a tire using the tire curing bladder and an improvement to the process of making a tire to extend a pull point of the curing bladder and/or to reduce the curing time for the tire construct.

No. of Pages: 47 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HYDROGELS WITH BIODEGRADABLE CROSSLINKING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/09/2012 :WO 2013/036847 :NA :NA	(71)Name of Applicant: 1)PROLYNX LLC Address of Applicant: 3912 Trust Way Hayward CA 94545 U.S.A. (72)Name of Inventor: 1)ASHLEY Gary W. 2)SANTI Daniel V. 3)HENISE Jeffrey C.
Filing Date	:NA :NA	

(21) Application No.1940/DELNP/2014 A

(57) Abstract:

Hydrogels that degrade under appropriate conditions of pH and temperature by virtue of crosslinking compounds that cleave through an elimination reaction are described. The hydrogels may be used for delivery of various agents such as pharmaceuticals. This invention provides hydrogels that degrade to smaller soluble components in a non enzymatic process upon exposure to physiological conditions and to methods to prepare them. The hydrogels are prepared from crosslinking agents that undergo elimination reactions under physiological conditions thus cleaving the crosslinking agent from the backbone of the hydrogel. The invention also relates to the crosslinking agents themselves and intermediates in forming the hydro gels of the invention. The biodegradable hydro gels prepared according to the methods of the invention may be of use in diverse fields including biomedical engineering absorbent materials and as carriers for drug delivery.

No. of Pages: 69 No. of Claims: 39

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A CATHETER HAVING A PRESSURE ACTIVATED SPLITTABLE FEATURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/08/2012 :WO 2013/028348 :NA :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON AND COMPANY Address of Applicant: 1 Becton Drive Mail Code 110 Franklin Lakes New Jersey 07417 1880 U.S.A. (72)Name of Inventor: 1)MOULTON William G. 2)HORTIN Justin G. 3)MCMURRAY Jeffrey R.
Filing Date	:NA	

(21) Application No.1941/DELNP/2014 A

(57) Abstract:

A catheter (114 214 314 414) having a catheter body (220 320 420) with a lumen (322 422) and. a distal lumen opening (242 342 442). The catheter's lumen extends through the catheter body along a longitudinal axis of the catheter body. A splittable feature (250 350 450) is formed within a wall of the catheter body.

No. of Pages: 25 No. of Claims: 20

(21) Application No.1680/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : FOULING RESISTANT COMPOSITION COMPRISING STEROLS AND/OR DERIVATIVES THEREOF

(51) International classification	:C08K5/10,C09D5/16,C08L83/04	(71)Name of Applicant:
(31) Priority Document No	:11177897.3	1)AKZO NOBEL COATINGS INTERNATIONAL B.V.
(32) Priority Date	:18/08/2011	Address of Applicant: Velperweg 76 NL 6824 BM Arnhem
(33) Name of priority country	:EPO	Netherlands
(86) International Application	:PCT/EP2012/065920	(72)Name of Inventor :
No	:15/08/2012	1)TYSON Brent Vickers
Filing Date	.13/08/2012	2)REYNOLDS Kevin John
(87) International Publication	:WO 2013/024106	
No	6 2013/02 1100	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Data	1111	

(57) Abstract:

Filing Date

The present invention provides a fouling-resistant composition which comprises an elastomer and a component corn prising sterol(s) and/or sterol derivative(s), wherein the component is selected from acylated lanolin, alkoxylated lanolin, or lanolin oil, or a composition comprising at least 20 weight % of one or more sterol(s), at least 20 weight % of one or more C1-C12 sterol ester(s), or at least 20 weight % of alkoxylated sterol(s), wherein weight % is the percentage of the sterol or sterol derivative to the total weight of the component.

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

(21) Application No.1892/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR PRODUCING A VEHICLE SEAT FITTING

(51) International classification:B60N2/225,B60N2/68,F16C17/10 (71)Name of Applicant:

(31) Priority Document No :10 2011 113 748.7

(32) Priority Date :14/09/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/003029

No :18/07/2012 Filing Date

(87) International Publication :WO 2013/037439

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1)KEIPER GMBH & CO. KG

Address of Applicant: Hertelsbrunnenring 2 67657

Kaiserslautern Germany (72)Name of Inventor: 1)JOKIEL Christian

(57) Abstract:

In a method for producing a vehicle seat fitting in which a plain bearing bush (28) is pressed in the axial direction into a receptacle of a first fitting part (11) wherein the pressed in plain bearing bush (28) has a radially protruding securing region (28b) the securing region (28b) is formed before or after the pressing in operation by material of the plain bearing bush (28) being displaced uncut and the wall thickness (b) of the plain bearing bush (28) being less than 1.5 mm.

No. of Pages: 31 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :12/03/2014

(21) Application No.1893/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: AIR SEPARATION METHOD AND APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F25J3/04 :13/268117 :07/10/2011 :U.S.A. :PCT/US2012/056503 :21/09/2012 :WO 2013/052288 :NA :NA	(71)Name of Applicant: 1)PRAXAIR TECHNOLOGY INC. Address of Applicant: 39 Old Ridgebury Road Danbury Connecticut 06810 U.S.A. (72)Name of Inventor: 1)HOWARD Henry Edward
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cryogenic air separation method and apparatus in which a lower pressure distillation column is configured to receive at successively higher locations of the lower pressure column and at successively lower temperatures crude oxygen derived from a crude liquid oxygen stream discharged from a higher pressure column an intermediate reflux stream and a nitrogen rich reflux stream. All of the streams are subcooled and depressurized. The subcooling is conducted such that the intermediate reflux stream and the nitrogen rich liquid stream cocurrently indirectly exchange heat to a nitrogen rich vapor stream withdrawn from the lower pressure column and the intermediate reflux stream is subcooled to a temperature between the temperatures over which the nitrogen rich liquid stream is subcooled. Additionally the crude liquid oxygen stream and the intermediate reflux stream can cocurrently indirectly exchange heat to a pressurized liquid stream used in forming an oxygen product and the nitrogen rich vapor stream.

No. of Pages: 36 No. of Claims: 18

(21) Application No.1943/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : COMPOSITE ANODE FOR A SOLID OXIDE FUEL CELL WITH IMPROVED MECHANICAL INTEGRITY AND INCREASED EFFICIENCY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/527375 :25/08/2011 :U.S.A. :PCT/US2012/052073 :23/08/2012 :WO 2013/028869 :NA	(71)Name of Applicant: 1)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INC. Address of Applicant: 223 Grinter Hall Gainesville FL 32611 U.S.A. (72)Name of Inventor: 1)YOON Hee Sung
(61) Patent of Addition to Application		1)YOON Hee Sung
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A composite anode for a solid oxide fuel cell (SOFC) comprising an anode support layer (ASL) of Ni YSZ and an anode functional layer (AFL) of Ni GDC displays enhanced mechanical stability and similar or improved electrical efficiency to that of a Ni GDC ASL for otherwise identical SOFCs. A SOFC employing the composite anode can be used for power generation at temperatures below 700 °C where the composite anode may include a second AFL of GDC disposed between the Ni GDC layer and a GDC electrolyte.

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

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DESICCANT BASED COOLING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/527904 :26/08/2011 :U.S.A. :PCT/US2012/052431 :27/08/2012 :WO 2013/032969 :NA	(71)Name of Applicant: 1)DUCOOL LTD. Address of Applicant: Kibbutz Hahotrim D.N. 30870 Hoff Hacarmel Israel (72)Name of Inventor: 1)FORKOSH Dan
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.1944/DELNP/2014 A

(57) Abstract:

A desiccant based system and method for conditioning air includes a first unit remotely located from an area whose environment is to be controlled. Additional units are respectively located within areas where air conditioning is desired. Each of the additional units is connected to the first unit such that desiccant can be transferred between each of the additional units and the first unit. Cool undiluted desiccant can be transferred from the first unit to at least one of the additional units so that ambient air at the location of the additional unit can be dehumidified and cooled. Each of the additional units are separately controllable such that the respective environments surrounding the additional units can be maintained at different levels of humidity and temperature.

No. of Pages: 22 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DEVICE FOR GUIDING CELL MIGRATION AND GUIDING METHOD IMPLEMENTING SUCH A DEVICE

(51) International classification	:C12N5/00	(71)Name of Applicant :
(31) Priority Document No	:11 58316	1)INSTITUT CURIE
(32) Priority Date	:19/09/2011	Address of Applicant :26 rue dUlm F 75005 Paris France
(33) Name of priority country	:France	2)CENTRE NATIONAL DE LA RECHERCHE
(86) International Application No	:PCT/FR2012/052073	SCIENTIFIQUE CNRS
Filing Date	:17/09/2012	3)SOCIETE DE DEVELOPPEMENT ET DE
(87) International Publication No	:WO 2013/041800	RECHERCHE INDUSTRIELLE
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number		1)LE BERRE Ma«l
Filing Date	:NA	2)PIEL Matthieu
(62) Divisional to Application Number	:NA	3)CHEN Yong
Filing Date	:NA	4)LIU Yanjun

(57) Abstract:

The subject matter of the present invention is a device for guiding cell migration comprising a substrate having a textured surface intended to be brought into contact with cells said textured surface having an anisotropic three dimensional structure consisting of a network of projections inclined relative to the normal to the plane formed by said textured surface in the direction imparted by said anisotropic structure. The invention also concerns according to another aspect a method for guiding cell migration including the bringing into contact of cells with a substrate having a textured surface and an anisotropic three dimensional structure said structure consisting of projections inclined as previously described. The device or method according to the invention can in particular be applied in the fields of dermatology implantology and tissue engineering.

No. of Pages: 27 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LENS ASSEMBLY LENS TUBE AND IMAGING DEVICE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2011194094	1)NIKON CORPORATION
(32) Priority Date	:06/09/2011	Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008331 Japan
(86) International Application No	:PCT/JP2012/005638	(72)Name of Inventor:
Filing Date	:05/09/2012	1)TOGAWA Hisanori
(87) International Publication No	:WO 2013/035326	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.1947/DELNP/2014 A

(57) Abstract:

A lens assembly is provided with: a first lens holding part for holding a first lens; a pair of first guide shafts that are positioned so as to face one another with the optical axis of the first lens sandwiched therebetween and guide the first lens holding part in parallel with the optical axis; a pair of first drive units for driving the first lens holding part along the pair of first guide shafts and each positioned at a substantially 90° angle to the pair of first guide shafts within a plane orthogonal to the optical axis; a second lens holding part for holding a second lens; a pair of second guide shafts that face one another with the optical axis sandwiched therebetween are positioned next to the pair of first guide shafts and guide the second lens holding part in parallel with the optical axis; and a second drive unit for driving the second lens holding part along the pair of second guide shafts and positioned between one of the two first drive units and one of the two second guide shafts within a plane orthogonal to the optical axis.

No. of Pages: 35 No. of Claims: 8

(21) Application No.1948/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : HYDROGENATION AND DEHYDROGENATION CATALYST AND METHODS OF MAKING AND USING THE SAME

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:C07F9/58,B01J31/22,C07B31/00 :61/524815 :18/08/2011 :U.S.A. :PCT/CA2012/050571 :20/08/2012 :WO 2013/023307 :NA :NA	(71)Name of Applicant: 1)GOUSSEV Dmitri Address of Applicant:58 Margaret Avenue South Waterloo Ontario N2J 2C9 Canada 2)SPASYUK Denis (72)Name of Inventor: 1)GOUSSEV Dmitri 2)SPASYUK Denis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application discloses complexes useful as catalysts for organic chemical synthesis including hydrogenation and dehydrogenation of unsaturated compounds or dehydrogenation of substrates. The range of hydrogenation substrate compounds includes esters lactones oils and fats resulting in alcohols diols and triols as reaction products. The catalysts of current application can be used to catalyze a hydrogenation reaction under solvent free conditions. The present catalysts also allow the hydrogenation to proceed without added base and it can be used in place of the conventional reduction methods employing hydrides of the main group elements. Furthermore the catalysts of the present application can catalyze a dehydrogenation reaction under homogenous and/or acceptorless conditions. As such the catalysts provided herein can be useful in substantially reducing cost and improving the environmental profile of manufacturing processes for variety of chemicals.

No. of Pages: 59 No. of Claims: 34

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ARCHIVE CONTROL FOR TEXT MESSAGES

:NA

:NA

:H04L12/58,H04W4/14 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/240783 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris (32) Priority Date :22/09/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/053732 (72)Name of Inventor: Filing Date :05/09/2012 1)CAI Yigang (87) International Publication No :WO 2013/043365 2)SHAH Shaumir (61) Patent of Addition to Application :NA :NA Filing Date

(21) Application No.1949/DELNP/2014 A

(57) Abstract:

Filing Date

Systems and methods for controlling how text messages are archived. A system (100) identifies a text message for delivery over a mobile network (120) and identifies protection information for controlling archiving of the text message. The system (100) inserts the protection information in the text message and transmits the text message with the protection information towards a destination. The same or another system such as a message center (122) receives the text message and identifies the protection information inserted in the text message. The receiving system further identifies an end user associated with the text message and identifies privacy policies provisioned for the end user. The receiving system then processes the privacy policies and the protection information to determine if the text message is authorized to be archived such as in an archive server (124).

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

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : BATTERY PROCESSING DEVICE VEHICLE BATTERY PROCESSING METHOD AND BATTERY PROCESSING PROGRAM

(21) Application No.1870/DELNP/2014 A

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B60L3/00,H01M10/48,H02J7/00 :NA :NA :NA :PCT/JP2011/005399 :26/09/2011 :WO 2013/046250	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)TSUSHIMA Manabu
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

It is an object of the present invention to reduce the burden of processing of a battery5 . [SOLVING MEANS] A battery processing apparatus includes a chargeable and dischargable battery storing electric power to be supplied to a motor for driving a wheel, and a controller performing discharge allowing processing of switching from a second state in which discharge 10 from the battery to a load is not allowed to a first state in which the discharge from the battery to the load is allowed upon reception of on a discharge allowing signal in an overcharged state of the battery in which charge of the battery is suppressed due to an electric storage amount in the battery.

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

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: MULTILAYERED ROTOMOULDED ARTICLES COMPRISING A LAYER OF POLYESTER

(51) International :B29C41/06,B29C41/22,C08L23/04 classification

(31) Priority Document No :11180723.6 (32) Priority Date :09/09/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/067527

No :07/09/2012 Filing Date

(87) International Publication :WO 2013/034701 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

(21) Application No.1920/DELNP/2014 A

1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant :Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor: 1)MAZIERS Eric

(57) Abstract:

(19) INDIA

A rotomoulded article comprising two or more layers A and B wherein layer A comprises: from 50 to 100 wt% of an aliphatic polyester selected from polyhydroxyalkanoate poly(lactic acid) polycaprolactone copolyesters and polyesteramides from 0 to 50 wt% of a polyolefin from 0 to 20 wt% of a co or ter polymer comprising: a) 50 to 99.9 wt% of an ethylene or a styrene monomer b) 0.1 to 50 wt% of an unsaturated anhydride epoxide or carboxylic acid containing monomer c) 0 to 50 wt% (meth)acrylic ester monomer and layer B comprises: from 50 to 99.4 wt% a polyolefin which can be different from the polyolefin of layer A from 0.5 to 50 wt% of a polyester which can be different from the polyester of layer A from 0.1 to 20 wt% of a co or ter polymer which can be different from the co or ter polymer of layer A comprising: a) 50 to 99.9 wt% of an ethylene or a styrene monomer b) 0.1 to 50 wt% of an unsaturated anhydride epoxide or carboxylic acid containing monomer c) 0 to 50 wt% (meth)acrylic ester monomer.

No. of Pages: 44 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: IRON BASED AMORPHOUS ALLOY BROAD RIBBON AND ITS MANUFACTURING METHOD

(71)Name of Applicant: (51) International classification :H01F1/153,H01F41/02 1)ADVANCED TECHNOLOGY & MATERIALS CO. LTD (31) Priority Document No :201110293417.8 Address of Applicant :No.76 Xueyuan Nanlu Haidian District (32) Priority Date :29/09/2011 Beijing 100081 China (33) Name of priority country :China (72)Name of Inventor: (86) International Application No :PCT/CN2012/082137 1)ZHOU Shaoxiong Filing Date :27/09/2012 2)LIU Guodong (87) International Publication No :WO 2013/044820 3)CHEN Wenzhi (61) Patent of Addition to Application :NA 4)DING Lidong Number 5)WANG Jian :NA Filing Date 6)LI Quan (62) Divisional to Application Number :NA 7) ZHANG Zhiying Filing Date :NA 8)ZHAO Pei

(57) Abstract:

The invention belongs to the technical field of rapid solidification of amorphous alloy and concretely relates to an iron based amorphous alloy broad ribbon wherein the width is 220 1000 mm the thickness is $0.02\ 0.03$ mm the transversal thickness deviation is smaller than +/0.002 mm the lamination factor is larger than 0.84 the saturation magnetic flux density is larger than 1.5T the iron loss is smaller than 0.20W/kg under the conditions that the frequency is 50Hz and the maximum magnetic flux density is 1.3T and the exciting power is smaller than 0.50V A/kg. The invention also relates to a manufacturing method of the broad ribbon and a single roll quenching method is adopted wherein the width of a nozzle slot is $0.4\ 0.7$ mm the transversal width deviation of the nozzle slot is smaller than +/0.05 mm the transversal flatness deviation of a cooling roll (4) is smaller than 0.02 mm and the surface roughness Ra is smaller than 0.0005 mm.

No. of Pages: 16 No. of Claims: 11

(21) Application No.1977/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HANDLE GRIP FOR BADMINTON RACQUET AND ASSOCIATED METHOD OF **MANUFACTURE**

(51) International classification :A63B49/08,A63B59/00 (71)Name of Applicant : (31) Priority Document No :1158266 (32) Priority Date :16/09/2011 (33) Name of priority country :France (86) International Application No :PCT/FR2012/052070 Filing Date :14/09/2012 (87) International Publication No :WO 2013/038116

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)DECATHLON

Address of Applicant :4 boulevard de Mons F 59650

Villeneuve Dascq France (72)Name of Inventor: 1)GILLET Caroline 2)ROSSI Jrmy

(57) Abstract:

The subject matter of the present invention relates to a handle grip (100) for a racquet (R) of the badminton racquet (R) type for example having substantially the shape of a truncated cone each section (S1 S2 S3) of which has in cross section a substantially elliptical shape.

No. of Pages: 19 No. of Claims: 11

(21) Application No.132/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MICRO-MOLDED CYTOMETER CARTRIDGE WITH INTEGRATED OPTICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:13/755,536 :31/01/2013 :U.S.A. :NA :NA	,
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)JEFFRET SHONK WILLER

(57) Abstract:

A cytometer cartridge insert includes a micro-mlded component and a plastic laminate component. The micro-molded component is embedded in the plastic laminate component.

No. of Pages: 14 No. of Claims: 10

(21) Application No.1871/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C25D11/18,F02F3/14,F02F1/00	(71)Name of Applicant :
(31) Priority Document No	:2011198812	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:12/09/2011	Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471
(33) Name of priority country	:Japan	8571 Japan
(86) International Application N	o:PCT/IB2012/001750	2)KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO
Filing Date	:11/09/2012	(72)Name of Inventor:
(87) International Publication No.	:WO 2013/038249	1)NISHIKAWA Naoki
(61) Patent of Addition to	:NA	2)HIJII Takumi
Application Number	:NA	3)KAWAGUCHI Akio
Filing Date	.NA	4)YATSUDUKA Ryouta
(62) Divisional to Application	:NA	5)SHIMIZU Fumio
Number	:NA	6)WAKISAKA Yoshifumi
Filing Date	.INA	7)KOSAKA Hidemasa

(57) Abstract:

An internal combustion engine having an anodic oxidation coating formed on at least a part of a wall surface that faces a combustion chamber wherein the anodic oxidation coating has voids and nano holes smaller than the voids; at least part of the voids are sealed with a sealant derived by converting a sealing agent; and at least a part of the nano holes are not sealed.

No. of Pages: 30 No. of Claims: 7

(21) Application No.1872/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CASTING CORE METHOD FOR PRODUCING SAME AND METHOD FOR CASTING USING SAID CORE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2011230033 :19/10/2011 :Japan	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300Takatsuka ChoMinami KuHamamatsu Shi Shizuoka 4328611 Japan (72)Name of Inventor: 1)KOTANI Takafumi 2)MIZUMURA Yuichi 3)SUZUKI Hikotaro 4)NOMURA Masaya
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a casting core resulting from alkaline earth metal oxide particles having an average particle size of 0.8 4 mm being dispersed in a water soluble alkali metal salt matrix. The casting core can be efficiently produced by means of a method of dispersing alkaline earth metal hydroxide particles having favorable disintegration properties and a particle size in the range of 1 5 mm in a molten water soluble alkali metal salt converting to alkaline earth metal oxide particles by means of dehydration and then casting in a mold cooling and hardening.

No. of Pages: 23 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SIGNAL TUBE CONNECTOR

(51) Intermedianal alassification	-E42D1/04	(71)Nome of Applicant
(51) International classification	:F42D1/04	(71)Name of Applicant:
(31) Priority Document No	:2011/07991	1)AEL MINING SERVICES LIMITED
(32) Priority Date	:17/10/2011	Address of Applicant :AECI Place 24 The Woodlands
(33) Name of priority country	:South Africa	Woodlands Drive Woodmead 2196 Sandton South Africa
(86) International Application No	:PCT/ZA2012/000066	(72)Name of Inventor:
Filing Date	:11/10/2012	1)BEZUIDENHOUT Hendrik Cornelius
(87) International Publication No	:WO 2013/059840	2)HALLIDAY Pieter Stephanus Jacobus
(61) Patent of Addition to Application	:NA	3)MORGAN Clifford Gordon
Number		4)KELLY Cheryl Lynn
Filing Date	:NA	5)BOTHA Andries Matthys
(62) Divisional to Application Number	:NA	, -, ,
Filing Date	:NA	

(21) Application No.1924/DELNP/2014 A

(57) Abstract:

A signal tube connector which can be used with a number of signal tubes which includes a detonator receiving body and a retention member wherein a signal tube locating space is formed between opposing surfaces of the body and the member and wherein the retention member is movable relative to the body and can be locked in place with a locking mechanism to retain signal tubes within the space.

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

(19) INDIA

(22) Date of filing of Application :14/03/2014

(21) Application No.1979/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: KNEE BRACE WITH TOOL LESS LENGTH ADJUSTER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61F5/00 :61/535572 :16/09/2011 :U.S.A.	(71)Name of Applicant: 1)TOWNSEND DESIGN Address of Applicant: 4615 Shepard Street Bakersfield CA 93313 U.S.A.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2012/055411 :14/09/2012 :WO 2013/040354 :NA :NA :NA	(72)Name of Inventor: 1)KNECHT Steven S.

(57) Abstract:

A knee braces of the type in which at least one of the femoral arms has a length adjustment mechanism for adjustment of the length of at least one of the arms to produce a medial lateral angular movement of at least one or the other of the femoral arms and in which the adjustment mechanism has a toggle mechanism connected to a detent element having at least one pair of detents the toggle mechanism having a first position in which the at least one pair of detents is locked in engagement within at least one pair of detent recesses of a slide and a second position releasing the at least one pair of detents for movement out engagement with at least one pair of detent recesses for enabling adjustment of the length of the at least one of the femoral arms.

No. of Pages: 29 No. of Claims: 5

(21) Application No.1980/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ENGINE CONTROL DEVICE AND CONSTRUCTION MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02D29/04 :2012254738 :20/11/2012 :Japan :PCT/JP2012/083162 :20/12/2012 :WO 2014/080542 :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)KAWAGUCHI Tadashi 2)MURAKAMI Kentaro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to the present invention a controller (6) comprises: a pump drive power limiter (61) for limiting pump drive power which is the power for driving a hydraulic pump (3) on the basis of the pressure of operating oil discharged by the hydraulic pump when the pressure of operating oil discharged by the hydraulic pump is equal to or greater than a preset relief pressure and some of the operating oil discharged by the hydraulic pump is released; and an engine output control part (63) for controlling the output of an engine so that a target rotational speed which is the rotational speed that is the target of the engine is equal to or greater than the value at the point in time when the limiting of the pump drive power was initiated.

No. of Pages: 49 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CATHETER HAVING FLAT BEAM DEFLECTION TIP WITH FIBER PULLER MEMBERS

(31) Priority Document No :13/761,037 Address of Applicant :4 HATNUFAH STREET, YOKNEAM	(51) International classification
(48) T. I. T.	(31) Priority Document No
(32) Priority Date :06/02/2013 20692, ISRAEL	(32) Priority Date
(33) Name of priority country :U.S.A. (72)Name of Inventor :	(33) Name of priority country
(86) International Application No :NA 1)JOSE JIMENEZ	(86) International Application No
Filing Date :NA	Filing Date
(87) International Publication No : NA	(87) International Publication No
(61) Patent of Addition to Application Number :NA	(61) Patent of Addition to Application Number
Filing Date :NA	Filing Date
(62) Divisional to Application Number :NA	(62) Divisional to Application Number
Filing Date :NA	Filing Date

(57) Abstract:

A catheter has a metal deflection beam with rectangular cross-section and one or two fiber 5 puller members for predictable on-plane bi-directional deflection. Each fiber puller member is anchored at its distal end to a respective surface of the beam by a metal ferrule that is crimped onto the distal end. The ferrule is shaped to provide a flat outer underside that can lie flat against a beam surface and a thin planar distal section that is welded to the beam. With a distal end of the beam sandwiched between the thin planar distal section of two ferrules, the ferrules and the beam can be 10 welded together by a single laser pulse.

No. of Pages: 31 No. of Claims: 17

(21) Application No.1884/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: NEW ENZYME INHIBITOR COMPOUNDS

(51) International :C07D471/04,A61K31/437,A61P29/00 classification

(31) Priority Document No:1115853.2

(32) Priority Date :14/09/2011

(33) Name of priority

:U.K. country

(86) International

:PCT/GB2012/052265 Application No

:13/09/2012 Filing Date

(87) International

:WO 2013/038189 Publication No

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

:NA

Filing Date

(71)Name of Applicant: 1)PROXIMAGEN LTD.

Address of Applicant :3rd Floor 91 93 Farringdon Road

London EC1M 3LN U.K. (72)Name of Inventor: 1)CARLEY Allison 2)SIMPSON Iain

(57) Abstract:

Compounds of formula (I) are inhibitors of Semicarbazide-sensitive amine oxidase R-X-R 2 (I) wherein R1, X and R2 are as defined in the claims.

No. of Pages: 96 No. of Claims: 19

(21) Application No.1931/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SLIDING MEMBER AND SLIDING MATERIAL COMPOSITION

(51) International :F16C33/10,C10M103/06,C10M107/44 classification

(31) Priority Document :2011199559

(32) Priority Date :13/09/2011

(33) Name of priority :Japan

country (86) International

:PCT/JP2012/073525 Application No

:13/09/2012 Filing Date

(87) International :WO 2013/039177 **Publication No**

(61) Patent of Addition to **Application Number**

:NA :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)TAIHO KOGYO Co. Ltd.

Address of Applicant:65 Midorigaoka 3 chome Toyota shi

Aichi 4718502 Japan (72)Name of Inventor: 1)TOMIKAWA Takashi 2) CHITOSE Toshiyuki

(57) Abstract:

The purpose of the present invention is to provide a sliding member suitable for use with a low hardness mate member. The present invention relates to a sliding member for sliding with a mate member having at least on the surface a ferrite phase the sliding member having a coating layer comprising a binder resin molybdenum disulfide and particles of a hard material.

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

(22) Date of filing of Application: 14/03/2014

(19) INDIA

(54) Title of the invention: UNI DIRECTIONAL PIPELINE PIG AND PIPELINE ASSEMBLIES

(51) International :B08B9/055,F16L55/26,F16L55/44

classification

(31) Priority Document No :2011903993 (32) Priority Date :28/09/2011 (33) Name of priority country: Australia

(86) International Application :PCT/AU2012/001015

No

:30/08/2012 Filing Date

(87) International Publication

:WO 2013/044290 No (61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)DOIG Ian

Address of Applicant: 94A Stingaree Point Drive Dora Creek

New South Wales 2264 Australia

(43) Publication Date: 13/03/2015

(21) Application No.1983/DELNP/2014 A

(72)Name of Inventor:

1)DOIG Ian

(57) Abstract:

Pigs (10) are propelled forwards by a propulsion fluid in a pipeline (21). The pigs (10) have an upstream end (13) a downstream end (11) and an intermediate section (12). The intermediate section has a variable geometry chamber (16) associated therewith and one or more outwardly extending external pawl teeth (15). The pawl teeth are automatically displaceable outwardly relative to a longitudinal axis (9) in response to a pressure differential between a downstream pressure and an upstream pressure. The pig is configured such that a change in a geometry of the chamber in response to the pressure differential between the downstream pressure and the upstream pressure causes the one or more pawl teeth to automatically displace outwardly when the upstream pressure is less than the downstream pressure. When the pawl teeth are deployed upstream displacement of the pig is inhibited. Various related systems (5) and methods are also disclosed.

No. of Pages: 34 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: MULTI JUNCTION SOLAR CELL COMPOUND SEMICONDUCTOR DEVICE PHOTOELECTRIC CONVERSION ELEMENT AND COMPOUND SEMICONDUCTOR LAYER LAMINATED STRUCTURE

(51) International :H01L31/0735,H01L31/0725,H01S5/40 classification

:WO 2013/042525

(31) Priority Document :201110281336.6

(32) Priority Date :21/09/2011 (33) Name of priority :China

country

(86) International

:PCT/JP2012/072330 Application No :03/09/2012

Filing Date

(87) International

Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)SONY CORPORATION

(21) Application No.1984/DELNP/2014 A

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

Japan

2)SUZHOU INSTITUTE OF NANO TECH AND NANO BIONICS CHINESE ACADEMY OF SCIENCES

(72)Name of Inventor:

1)YOSHIDA Hiroshi

2)IKEDA Masao

3)UCHIDA Shiro

4)TANGE Takashi

5)KURAMOTO Masaru

6)ARIMOCHI Masavuki

7)YANG Hui

8)LU Shulong

9)ZHENG Xinhe

(57) Abstract:

Provided is a multi junction solar cell capable of performing efficient energy conversion by reducing contact resistance at junctions. A multi junction solar cell is formed by laminating a plurality of sub cells (11 12 13 14) each sub cell being formed by laminating a plurality of compound semiconductor layers (11A 11B 11C 12A 12B 12C 13A 13B 13C 14A 14B 14C) and amorphous connection layers (20A 20B) made of a conductive material are provided at least at one location between adjacent sub cells (12 13).

No. of Pages: 88 No. of Claims: 18

(21) Application No.1985/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

:NA

:NA

(54) Title of the invention : HYBRID HYDRODYNAMIC AND HYDROSTATIC BEARING BUSHING AND LUBRICATION SYSTEM FOR ROLLING MILL

(51) International classification :B21B31/07,F16C32/06 (71)Name of Applicant : 1)SIEMENS INDUSTRY INC. (31) Priority Document No :13/248354 (32) Priority Date Address of Applicant: 3333 Old Milton Parkway Alpharetta :29/09/2011 (33) Name of priority country Georgia 30005 4437 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/056020 (72)Name of Inventor: Filing Date :19/09/2012 1)WILLIAMS Mortimer (87) International Publication No :WO 2013/048836 2)WOJTKOWSKI JR. Thomas C. (61) Patent of Addition to Application 3)MASE Robert :NA Number 4)OSGOOD Peter N. :NA

(57) Abstract:

Filing Date

Filing Date

Rolling mill bearings incorporate bearing bushings (20) with pluralities of hydrostatic pad recesses (30 40) that are preferably in conjunction hydrodynamic bearings also formed within the bushing. Each recess (30 40) has an isolated lubricant passage (136 146) that is adapted for coupling to a separate isolated source of pressurized lubricant (50). In some embodiments herein the isolated pressurized lubricant source is supplied by a dedicated outlet of a pressure pump. In this manner each hydrostatic pad recess has a dedicated pressurized lubricant supply that is not interrupted by loss of lubricant pressure events in other bearing pads or elsewhere within the rolling mill lubrication system.

No. of Pages: 23 No. of Claims: 20

(62) Divisional to Application Number

(21) Application No.1880/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROTECTION MEMBER FOR A PROTECTION DEVICE AND A VEHICLE WITH SUCH A **DEVICE**

(51) International classification :F41H5/00,F41H7/04,F41H3/02 (71)Name of Applicant :

:NA

(31) Priority Document No :11508611 (32) Priority Date :21/09/2011

(33) Name of priority country :Sweden (86) International Application No :PCT/SE2012/050988

Filing Date :18/09/2012 (87) International Publication No :WO 2013/043108

(61) Patent of Addition to :NA Application Number :NA

Filing Date (62) Divisional to Application :NA Number

Filing Date

1)BAE SYSTEMS H,,GGLUNDS AKTIEBOLAG Address of Applicant: S 891 82 -rnskldsvik Sweden

(72)Name of Inventor: 1)SUNDBERG Jesper 2)SJ-LUND Peder 3)SILVOLA Pekka

(57) Abstract:

The present invention relates to A protection device (I; II) for a military vehicle comprising in a drapery configuration at least along the respective vehicle side arranged to a position close to the ground hanging down discrete protection members (1; 2) for protection against projectiles, wherein said discrete protection members comprise a wire element (30), wherein said wire elements are arranged at a distance from each other. The present in vention also relates to a protection devic (1; 2) and a vehicle.

No. of Pages: 21 No. of Claims: 14

(21) Application No.1881/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: STABLE WATER SOLUBLE UNIT DOSE ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C11D3/32,C11D17/04 :11181102.2 :13/09/2011 :EPO :PCT/US2012/054749 :12/09/2012 :WO 2013/039964 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)FERNANDEZ PRIETO Susana 2)GUIMET Isabelle 3)LABEQUE Regine 4)BROECKX Walter August Maria 5)SMETS Johan
- 10	:NA :NA :NA	,

(57) Abstract:

The need for a means to formulate fluid compositions for use in water soluble unit dose articles having higher levels of water is met by incorporating a di amido gellant into the fluid composition. The di amido gellant also simplifies the addition of ingredients to water soluble unit dose articles such as microcapsules that are typically added as aqueous suspensions or slurries.

No. of Pages: 46 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application: 13/03/2014

(21) Application No.1934/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: A THERMAL INSULATING ELEMENT A SUBSEA STRUCTURE SUCH AS AN ARMOURED UNBONDED FLEXIBLE PIPE COMPRISING SUCH AN ELEMENT AND METHODS OF MANUFACTURING SUCH AN ELEMENT AND SUCH A PIPE

(51) International classification	:F16L59/153	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 00749	1)NATIONAL OILWELL VARCO DENMARK I/S
(32) Priority Date	:29/09/2011	Address of Applicant :Priorparken 480 DK 2605 Br, ndby
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050348	(72)Name of Inventor:
Filing Date	:19/09/2012	1)PROCIDA Inger Margrete
(87) International Publication No	:WO 2013/044920	2)HANSEN Allan Boye
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		'

The invention relates to a thermal insulating element having an element length. The element comprises a base material comprising at least one first series of hole configurations said first series comprising a plurality of elongated interior holes. Each comprises a central hole axis (A) along its elongation each central hole axis extending substantially mutually in parallel to each other at least along a first longitudinal direction. Each hole in a plane perpendicular to the first general longitudinal direction comprises a cross sectional hole shape. The elastic modulus E of said base material at least along said first longitudinal direction is equal to or larger than 1.5 GPa. The thermal insulating element is suitable for varying and high pressure environments such as subsea waters. Further the invention relates to subsea structures such as armoured unbonded flexible pipes for hydrocarbon transfer comprising such a thermal insulating element. Further the invention relates to a method of manufacturing such an element and a method of manufacturing such an armoured unbonded flexible pipe.

No. of Pages: 64 No. of Claims: 62

(21) Application No.1935/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FLYWHEEL HYBRID SYSTEM

(51) International classification:F02B67/06,B60K6/10,B60K25/00 (71)Name of Applicant:

(31) Priority Document No :13/248277 (32) Priority Date :29/09/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/052696

No :28/08/2012 Filing Date

(87) International Publication :WO 2013/048655

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

1)THE GATES CORPORATION

Address of Applicant: 1551 Wewatta Street Denver CO 80202

U.S.A.

(72)Name of Inventor:

1)SERKH Alexander

2)ALI Imtiaz

(57) Abstract:

A kinetic energy recovery system for a belt driven accessory system comprising a kinetic energy storage device a driver having a driver output a transmission having a gear ratio connected to the driver output a belt driven accessory system connected to the transmission through a first clutch the kinetic energy storage device connected to the belt driven accessory system through a second clutch and the kinetic energy storage device and the transmission connectable through the first clutch and second clutch.

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

(19) INDIA

(22) Date of filing of Application :14/03/2014

(21) Application No.1988/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: FIRE EXTINGUISHING COMPOSITION OF COPPER SALTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:14/08/2012 :WO 2013/023576	(71)Name of Applicant: 1)XIAN J & R FIRE FIGHTING EQUIPMENT CO. LTD. Address of Applicant:Room 705 Building 6 No.65 Kejierlu Gaoxin District Xian Shaanxi 710065 China (72)Name of Inventor: 1)JI Tao 2)WEI Tao
* /	:NA :NA :NA :NA	2)***E1 1 a0

(57) Abstract:

Disclosed is a fire extinguishing composition of copper salts which comprises a compound of copper salts and a fire retardant component with the content of 30wt% 95wt% for the former and 5wt% 70wt% for the latter respectively. A pyrotechnic compound in the composition serves as heat source and power source and through being ignited the pyrotechnic compound is combusted to generate high temperature to enable the composition to perform decomposition reaction so that a large quantity of the resulting fire extinguishing substances can be spouted out with the pyrotechnic compound to achieve an object of fire extinguishing. The fire extinguishing composition of copper salts can decrease the quantity of heat released by combustion of the pyrotechnic compound rapidly and efficiently reduce the temperature of the fire extinguisher spouts and of the substances spouted out considerably and eliminate complex cooling systems from the fire extinguisher apparatus and also avoid the risk of secondary fire disaster. In addition a large quantity of effective fire extinguishing substances can be released at the moment that the composition is heated so that the fire extinguishing period can be shortened greatly by the cooperation effect of various particles.

No. of Pages: 15 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :12/03/2014 (

(21) Application No.1887/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: MARINE BARRIER GATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F41H11/05 :61/573099 :01/09/2011 :U.S.A. :PCT/US2012/053094 :30/08/2012 :WO 2013/033364 :NA	(71)Name of Applicant: 1)HALO MARITIME DEFENSE SYSTEMS Address of Applicant: 5 Puzzle Lane newton NH 03858 U.S.A. (72)Name of Inventor: 1)BISHOP Justin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A marine barrier gate includes a pleated row of buoyant panels movable between an expanded position where the panels have an angle therebetween and a retracted position where the panels are substantially parallel. A first buoy is attached to a first end of the panel row and a second buoy is remote from the panels when the panels are in the retracted position. The second buoy has a tow winch and cable attached to a second end opposite the first end tor moving the panels from the retracted position to the expanded position.

No. of Pages: 44 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ELECTRO OPTICAL SECURITY ELEMENT

(51) International

:C09K11/02,C09K11/06,B42D15/00

classification

(31) Priority Document No :10 2011 119 821.4

(32) Priority Date

:01/12/2011

(33) Name of priority country: Germany

(86) International Application No

:PCT/DE2012/001196

Filing Date

:30/11/2012

(87) International Publication :WO 2013/079056

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to

Application Number Filing Date

:NA

:NA

(71)Name of Applicant:

1)BUNDESDRUCKEREI GMBH

(21) Application No.1937/DELNP/2014 A

Address of Applicant :Oranienstr. 91 10958 Berlin Germany

(72)Name of Inventor:

1)FISCHER Jrg

2)PAESCHKE Manfred

3)MUTH Oliver

4)MATHEA Arthur

(57) Abstract:

The invention relates to a security element for a security and/or value document containing a matrix on the basis of an organic polymer material at least one electrically conductive pigment distributed in the matrix and at least one organic luminescent substance which is distributed in the matrix and capable of contactless stimulation of light emission in the presence of the electrically conductive pigment and of which the particle size is less than 200 nm wherein the luminescent substance is not encapsulated and is directly surrounded by the matrix and embedded therein. The invention further relates to uses of such a security and/or value document and to security and/or value documents produced in said way.

No. of Pages: 47 No. of Claims: 13

(21) Application No.1938/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYNTHETIC URETHRA AND CLOSURE DEVICE ATTACHABLE AROUND THE SYNTHETIC URETHRA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/09/2012 :WO 2013/041112 :NA :NA	(71)Name of Applicant: 1)COLOPLAST A/S Address of Applicant: Holtedam 1 DK 3050 Humlebaek Denmark (72)Name of Inventor: 1)CRABTREE Tim 2)ELLERING Nicholas 3)HEKTNER Michael B. 4)KNOP Steve 5)GAYNOR Allen
Filing Date	:NA :NA	

(57) Abstract:

An incontinence treatment device includes a synthetic urethra and a cuff separate from the synthetic urethra. The synthetic urethra provides a flow diameter that is configured to be spliced into a natural urethra such that the flow diameter is aligned with a lumen of the natural urethra for passage of urine. A closure device includes a pump communicating between a reservoir and the cuff. The cuff is attachable around an outer circumference of the synthetic urethra. The pump is operable to move a liquid from the reservoir to inflate the cuff the inflated cuff adapted to circumferentially compress and constrict the flow diameter of the synthetic urethra.

No. of Pages: 28 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :14/03/2014

(21) Application No.1994/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : CARBON FIBER COMPOSITE ARM SUPPORT METHOD FOR PRODUCING SAME AND CONCRETE PUMP CAR COMPRISING SAME

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	201210232251.3 05/07/2012 China	(71)Name of Applicant: 1)ZOOMLION HEAVY INDUSTRY SCIENCE AND TECHNOLOGY CO. LTD. Address of Applicant: NO.361 Yinpen South Road Yuelu District Changsha Hunan 410013 China (72)Name of Inventor: 1)LI Xiaochao 2)WANG Jiaqian 3)LI Shu
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(57) Abstract:

Disclosed are a carbon fiber composite arm support a method for producing same and a concrete pump car comprising same. The method for producing the carbon fiber composite arm support comprises: inflating an expandable air bag to form an air bag with a first state and laying a carbon fiber prepreg on an outer surface of the air bag to obtain a first transitional assembly; placing the first transitional assembly inside a box type mould and inflating the air bag with the first state for compressing and shaping the carbon fiber prepreg so as to obtain a second transitional assembly; and heating and curing the second transitional assembly and after the curing cooling and demoulding same to obtain a carbon fiber arm support. In the method for producing the carbon fiber composite arm support provided by the present invention multiple shaping makes the carbon fiber prepreg structure more compact which is advantageous in preparing a carbon fiber composite arm support with excellent properties. In the method for producing the carbon fiber arm support simple apparatus is used without using an autoclave thus reducing costs on apparatus and on production.

No. of Pages: 24 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :13/03/2014

(21) Application No.1945/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : METHOD AND APPARATUS FOR FEEDING ELECTRICAL CURRENT INTO AN ELECTRICAL POWER SUPPLY SYSTEM

(51) International classification	:H02J3/26,H02J3/38	(71)Name of Applicant:
(31) Priority Document No	:10 2011 084 910.6	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:20/10/2011	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/070089	1)DIEDRICHS Volker
Filing Date	:10/10/2012	2)BEEKMANN Alfred
(87) International Publication No	:WO 2013/057028	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		<u>I</u>

(57) Abstract:

The invention relates to a method for feeding electrical current into an electrical three phase power supply system having a first phase a second phase and a third phase with a first voltage a second voltage and a third voltage at a power supply system frequency comprising the steps of: measuring the first second and third voltages transforming the first second and third voltages into a positive phase sequence voltage system and a negative phase sequence voltage system according to the method of symmetrical components calculating a first desired current a second desired current and a third desired current for feeding into the first second and third phases of the power supply system wherein the first second and third desired currents are calculated on the basis of at least one value of the positive phase sequence voltage system and/or the negative phase sequence voltage system.

No. of Pages: 35 No. of Claims: 15

(21) Application No.1997/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BOX LUBRICATION PUMP

(51) International :F16N13/14,F16N13/02,F16N13/16 classification

:NA

(31) Priority Document No :61/562811 (32) Priority Date :22/11/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/066377

No

:21/11/2012 Filing Date

(87) International Publication

:WO 2013/078398 No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)GRACO MINNESOTA INC.

Address of Applicant :88 11th Avenue Northeast Minneapolis

Minnesota 55413 1894 U.S.A.

(72)Name of Inventor:

1)SHAKAL Anthony J.

(57) Abstract:

A box lubricator that includes a pump with a piston housing and piston. The piston housing extends from a first end to a second end and includes a bore extending through the piston housing from the first end of the piston housing to the second end of the piston housing. The piston housing also includes a recess disposed at the second end of the piston housing the recess being concentric with the bore and comprising a diameter larger than a diameter of the bore. The piston is disposed inside the bore of the piston housing. At least one elastomeric seal is disposed inside the recess of the piston housing and around the piston. In some embodiments a ball and socket joint connects the piston to the rocker arm assembly. In some embodiments a fluid passage and a check valve are disposed inside the piston.

No. of Pages: 34 No. of Claims: 20

(21) Application No.1998/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: THERAPEUTICS USING ADIPOSE CELLS AND CELL SECRETIONS

(51) International :C12N5/0775,C12N5/077,A61K35/12 classification

(31) Priority Document No :2011903938 (32) Priority Date :23/09/2011

(33) Name of priority :Australia country

(86) International

:PCT/AU2012/001140 Application No

:21/09/2012 Filing Date

(87) International

:WO 2013/040649 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant: 1) CELL IDEAS PTY LTD

Address of Applicant: 77 Ridge Street Gordon NSW 2072

Australia

(72)Name of Inventor: 1)VESEY Graham

2)WEBSTER Rebecca Anne 3)LILISCHKIS Richard

(57) Abstract:

The invention relates to compositions comprising (i) adipose tissue derived cell secretions or (ii) an adipose tissue derived cell suspension optionally comprising adipocytes or (iii) a combination of adipose tissue derived cell secretions and an adipose tissue derived cell suspension optionally comprising adipocytes and to their use in pharmaceutical compositions and methods for treatment of various conditions. The invention also relates to improved methods agents and compositions for cryopreservation of cells.

No. of Pages: 82 No. of Claims: 59

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DEVICE FOR GUIDING CELL MIGRATION AND METHOD OF GUIDING CELL MIGRATION IMPLEMENTING SUCH A DEVICE

(21) Application No.1999/DELNP/2014 A

(51) T	G12N5 /00	
(51) International classification	:C12N5/00	(71)Name of Applicant:
(31) Priority Document No	:1158317	1)INSTITUT CURIE
(32) Priority Date	:19/09/2011	Address of Applicant :26 rue dUlm F 75005 Paris France
(33) Name of priority country	:France	2)CENTRE NATIONAL DE LA RECHERCHE
(86) International Application No	:PCT/FR2012/052077	SCIENTIFIQUE CNRS
Filing Date	:17/09/2012	3)SOCIETE DE DEVELOPPEMENT ET DE
(87) International Publication No	:WO 2013/041803	RECHERCHE INDUSTRIELLE
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number		1)LE BERRE Ma«l
Filing Date	:NA	2)PIEL Matthieu
(62) Divisional to Application Number	:NA	3)LIU Yanjun
Filing Date	:NA	

(57) Abstract:

A guiding device (1) in which cells (3) are confined between a support surface (2) and a textured surface (6) of a substrate (5) said textured surface (6) having an anisotropic three dimensional structure (8) having a repeating pattern that repeats according to a repeat axis (X) said repeating pattern having a succession of guide spaces (15) adjacent to one another according to the repeat axis (X) each of said guide spaces (15) being capable of receiving at least one portion of one of the cells (3) and being oriented according to a direction of anisotropy (A1) to guide a movement of the cells (3) in the direction of anisotropy (A1).

No. of Pages: 28 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :24/02/2014

(21) Application No.1359/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: TWO PHASE HYDROPROCESSING PROCESS AS PRETREATMENT FOR THREE PHASE HYDROPROCESSING PROCESS

(51) International classification (31) Priority Document No :13/233093 (32) Priority Date :15/09/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/052005

:23/08/2012

Filing Date (87) International Publication No :WO 2013/039664

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:C10G47/34,C10G65/02 (71)Name of Applicant :

1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant: 1007 Market Street Wilmington

Delaware 19899 U.S.A. (72)Name of Inventor:

1)DINDI Hasan 2)MURILLO Luis Eduardo

3)TA Thanh Gia

(57) Abstract:

The present invention provides a process for hydroprocessing comprising treating a hydrocarbon feed in a first two phase hydroprocessing zone having a liquid recycle producing product effluent which is contacted with a catalyst and hydrogen in a downstream three phase hydroprocessing zone wherein at least a portion of the hydrogen supplied to the three phase zone is a hydrogen rich recycle gas stream. Optionally the product effluent from the first two phase hydroprocessing zone is fed to a second two phase hydroprocessing zone containing a single liquid pass reactor. The two phase hydroprocessing zones comprise two or more catalyst beds disposed in liquid full reactors. The three phase hydroprocessing zone comprises one or more single liquid pass catalyst beds disposed in a trickle bed reactor.

No. of Pages: 40 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: STAPLING INSTRUMENT COMPRISING RESETTABLE STAPLE DRIVERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B17/072 :13/225857 :06/09/2011 :U.S.A. :PCT/US2012/052743 :29/08/2012 :WO 2013/036408 :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati Ohio 45242 U.S.A. (72)Name of Inventor: 1)SWENSGARD Brett E.
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A surgical stapling instrument (100) comprising a handle (160) comprising a trigger; a shaft (110) a plurality of staple cartridges (130) positioned within said shaft wherein each said staple cartridge comprises a cartridge body (132) and a plurality of staples (190); a jaw (121) configured to receive a staple cartridge a plurality of staple drivers (180) positioned within the jaw configured to eject staples from the staple cartridge and a firing member (170) configured to engage the staple drivers as the firing member is advanced from an unfired position to a fired position the instrument further comprising a cartridge driver (140) configured to sequentially advance a said staple cartridge (130) into the channel (122) of the jaw (121).

No. of Pages: 74 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD TO MEASURE BACK FACE SIGNATURE OF ARMOR

(51) International classification :G01N3/48,G01M7/08,F41H5/00 (71)Name of Applicant:

(31) Priority Document No :61/531233 (32) Priority Date :06/09/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/053400

No :31/08/2012 Filing Date

(87) International Publication No:WO 2013/074182

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)HONEYWELL INTERNATIONAL INC.

Address of Applicant: Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962

2245 U.S.A.

(72)Name of Inventor:

1)BHATNAGAR Ashok 2)ARDIFF Henry Gerard 3)HURST David A.

4)TAM Thomas Yiu Tai 5)BARTELT Tyler

6)ARVIDSON Brian Duane

(57) Abstract:

An apparatus and method for evaluating the backface signature of flat panel ballistic resistant composites with accuracy repeatability and improved correlation to the expected backface signature of shaped ballistic resistant composites in actual field use.

No. of Pages: 33 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WHEEL BEARING UNIT AND MOTOR VEHICLE

(57) Abstract:

WHEEL BEARING UNIT AND MOT What is described is a wheel bearing unit (10) with a wheel bearing (13) having an outer ring (27) and an inner ring (28), with a drum brake (22) having a brake drum (26) and a tie plate (12), and with a rotational speed measurement unit having a sensor (14) and a transmitter ring (15). The transmitter ring (15) is in this case arranged in a transmitter chamber (25) delimited by the wheel bearing (13) and by the back plate (12). According to the invention, the transmitter chamber (25) is connected to an inner space (23) of the drum brake (22) having at least one ventilation duct. Moreover, a motor vehicle (1 1) having at least one such wheel bearing unit (10) is claimed, the wheel bearing unit (10) being fastened to an axial structure (16) of the motor vehicle (1 1). 15

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

(19) INDIA

(22) Date of filing of Application :16/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PACKAGING SHEET

(51) International classification :C08L23/06,C08J5/18 (71)Name of Applicant : (31) Priority Document No 1)SUMITOMO BAKELITE CO. LTD. :2011199024 (32) Priority Date :13/09/2011 Address of Applicant :5 8 Higashi Shinagawa 2 chome (33) Name of priority country Shinagawa ku Tokyo 1400002 Japan :Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/061067 1)YAMAGUCHI Keita Filing Date :25/04/2012 (87) International Publication No :WO 2013/038746 2)NAKANO Satoshi (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.2006/DELNP/2014 A

(57) Abstract:

The present invention provides: a packaging sheet which does not contain a halogen material such as chlorine or fluorine while having high water vapor barrier performance; and a PTP package. A packaging sheet of the present invention contains at least a high density polyethylene resin (A) a petroleum resin (B) and an amorphous polyolefin resin (C). It is preferable that the blending weight ratio of the total of the high density polyethylene resin (A) and the petroleum resin (B) to the amorphous polyolefin resin (C) namely ((A + B)/C) is from 50/50 to 90/10 (inclusive).

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

(19) INDIA

(21) Application No.108/DEL/2014 A

(22) Date of filing of Application :15/01/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: CIRCUIT BREAKER

(51) International classification	:D06F	(71)Name of Applicant :
(31) Priority Document No	:2013- 040243	1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.
(32) Priority Date	:01/03/2013	Address of Applicant :3, KANDA NERIBEI-CHO,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO, JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUZUKI KENTA
(87) International Publication No	: NA	2)NAKAMURA DAISUKE
(61) Patent of Addition to Application Number	:NA	3)MASUKO HIROKI
Filing Date	:NA	4)SHIRAISHI KATSUHIKO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	-	

(57) Abstract:

A structure in which a partition plate (23) made of an insulating material is provided beside a contact part of a fixed contact (32) and a movable contact (3 I) and the partition plate (23) is provided with a hole or a cutout so that magnetic iron plates (22) on a side face are exposed is adopted. Further by providing convex portions on the magnetic iron plates (22) it becomes possible to protrude through the hole or the cutout in the partition plate (23) and the magnetic iron plates (22) can be made close to the contact portion (11).

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

(21) Application No.1911/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: COMPOSITIONS FOR THE TREATMENT OF PERIPHERAL ULCERS OF VARIOUS ORIGINS

(51) International :A61K36/28,A61P17/02,A61P31/02 classification

(31) Priority Document No :MI2011A001671 (32) Priority Date :16/09/2011

(33) Name of priority country: Italy

(86) International Application :PCT/EP2012/067893 No

:13/09/2012 Filing Date

(87) International Publication :WO 2013/037859

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)INDENA S.P.A.

Address of Applicant: Viale Ortles 12 I 20139 Milano Italy

(72)Name of Inventor: 1)BOMBARDELLI Ezio

(57) Abstract:

The present invention relates to combinations of an agent that stimulates cell proliferation and an anti inflammatory/analgesic which are useful in the treatment of peripheral ulcers of various origins such as radiation dermatitis diabetic ulcers ulcers caused by venous stasis of the limbs bedsores and the associated skin infections proctitis vulvovaginitis and haemorrhoids with vascular lesions. These combinations can be presented as formulations for topical use.

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

:NA

(21) Application No.1913/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DETERGENT COMPOSITIONS COMPRISING SPECIFIC BLEND RATIOS OF ISOPRENOID BASED SURFACTANTS

(51) International classification :C11D1/00,C11D1/37,C11D1/83 (71)Name of Applicant: (31) Priority Document No 1)THE PROCTER & GAMBLE COMPANY :61/536788 (32) Priority Date :20/09/2011 Address of Applicant :One Procter & Gamble Plaza Cincinnati (33) Name of priority country Ohio 45202 U.S.A. :U.S.A. (86) International Application No:PCT/US2012/056227 (72)Name of Inventor: Filing Date :20/09/2012 1)SCHEIBEL Jeffrey John 2)SCHMATE Robert Edward (87) International Publication No: WO 2013/043803 (61) Patent of Addition to 3)LINGOES Janette Villalobos :NA Application Number 4) URBIN Stephanie Ann :NA Filing Date 5)REILMAN Randall Thomas (62) Divisional to Application 6)PRICE Kenneth Nathan :NA Number

(57) Abstract:

Filing Date

THE PRESENT INVENTION RELATES TO DETERGENT COMPOSITIONS CONTAINING A BLEND OF SELECTED ISOPRENOID BASED SURFACTANTS IN A DEFINED RATIO AND METHODS OF MAKING AND USING THE SAME. MOREOVER A DETERGENT COMPOSITION COMPRISING A CATIONIC SURFACTANT SYSTEM COMPRISING 0.01 TO 25% OF A BLEND OF ONE OR MORE POLYALKYL ISOPRENOID BASED SURFACTANT IS DISCLOSED.

No. of Pages: 66 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application: 16/03/2014

(21) Application No.2011/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: RAMMING MASS FOR THE REFRACTORY COATING OF A METALLURGICAL VESSEL METHOD FOR IMPLEMENTING SAME AND METALLURGICAL VESSEL IN PARTICULAR A BLAST FURNACE COMPRISING A COATING USING SAID RAMMING MASS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:91 868 :09/09/2011 :Luxembourg :PCT/EP2012/067344 :05/09/2012 :WO 2013/034605 :NA :NA	(71)Name of Applicant: 1)PAUL WURTH S.A. Address of Applicant: 32 rue dAlsace L 1122 Luxembourg Luxembourg (72)Name of Inventor: 1)PIRET Jacques
Filing Date	:NA	

(57) Abstract:

RAMMING MASS FOR THE WALLING OF AT LEAST CERTAIN OF THE REFRACTORY ELEMENTS OF A REFRACTORY COATING OF A METALLURGICAL VESSEL SUCH AS A BLAST FURNACE SAID RAMMING MASS BEING COMPRISED OF A MIXTURE OF A GRANULAR PHASE AND A BINDER PHASE IN WHICH THE GRANULAR PHASE AND/OR THE BINDER COMPRISE(S) AT LEAST A COMPONENT WHICH HAS A MICROPOROUS STRUCTURE OR IS CAPABLE OF FORMING A MICROPOROUS STRUCTURE BY MEANS OF FIRING DURING THE BLAST FURNACE CAMPAIGN. THE RAMMING MASS IS INTENDED IN PARTICULAR TO FORM THE SEAL BETWEEN TWO CONCENTRIC ANNULAR ASSEMBLIES FORMING A LATERAL WALL OF THE VESSEL OR BETWEEN A LOWER PART OF AN INNER ANNULAR ASSEMBLY AND THE EDGE OF ONE OR A PLURALITY OF REFRACTORY LAYERS FORMING THE BASE OF THE VESSEL.

No. of Pages: 17 No. of Claims: 12

(21) Application No.2012/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RELEASABLY ENCAPSULATED AROMA

(51) International classification :A23L1/22,A23L2/56,B01J13/10 (71)Name of Applicant: (31) Priority Document No :13/223834

(32) Priority Date :01/09/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/049503

No :03/08/2012 Filing Date

(87) International Publication No: WO 2013/032631

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)PEPSICO INC.

Address of Applicant: 700 Anderson Hill Road Purchase NY

10577 U.S.A.

(72)Name of Inventor: 1)ZHANG Naiiie 2) GIVEN Peter S.

(57) Abstract:

Gelatin capsules encapsulating an aroma material including at least one aroma compound may be applied to product packaging such as food packaging container (100) etc. with a secondary protective coating e.g. at the interface of a container and its closure device. The gelatin capsules can be ruptured or broken when the container is opened thereby releasing the aroma compound and causing a favorable aroma for the consumer. The secondary protective coating can reduce or prevent degradation of the gelatin capsules during product packaging transport and storage thereby enhancing their performance.

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

(10) DIDIA

(21) Application No.1860/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : REVERSE INSTALLATION CONSTRUCTION PROCESS OF BOLT BALL NET RACK CYLINDRICAL SHELL STORAGE BIN

(51) International classification	:E04G21/14,E04H7/30,E04B1/35	(71)Name of Applicant:
(31) Priority Document No	:201110271431.8	1)XUZHOU ZM BESTA HEAVY STEEL STRUCTURE
(32) Priority Date	:14/09/2011	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No.9 Jingguan Road Jinshanqiao
(86) International Application	:PCT/CN2012/079836	Development Zone Xuzhou Jiangsu 221009 China
No	:08/08/2012	(72)Name of Inventor:
Filing Date	.08/08/2012	1)ZHU Xinying
(87) International Publication	:WO 2013/037253	2)NIU Shangzhou
No	.WO 2013/037233	3)LIU Yu
(61) Patent of Addition to	:NA	4)WANG Jie
Application Number	:NA	
Filing Date	.1121	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	11 11 1	

(57) Abstract:

A reverse installation construction process of a bolt ball net rack cylindrical shell storage bin is divided into installation of a starting unit and installation of overhanging small splicing units and comprises the steps of: using a numerical wind tunnel technology and a finite element algorithm to obtain sizes of net rack node rod members and making a construction drawing; completing the primary connection of the small splicing units on the ground in advance; completing the installation of the starting unit the starting unit being divided into sections A B and C which are assembled using a crane for integral installation; performing overhanging installation on the small splicing units from two sides of the starting unit to two ends of the cylindrical shell; and performing subsequent installation of a panel and internal devices after the installation of the net rack.

No. of Pages: 29 No. of Claims: 2

(21) Application No.1861/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:11/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: MANIFOLD ELEMENT FOR A FILTERING CARTRIDGE

(51) International :B01D46/24,B01D46/00,B01D46/42 classification

(31) Priority Document No :RE2011A000078

(32) Priority Date :05/10/2011

(33) Name of priority country: Italy

(86) International :PCT/IB2012/001896

Application No :17/09/2012 Filing Date

(87) International Publication :WO 2013/050848

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)UFI FILTERS S.P.A.

Address of Applicant :26 Via Europa I 46047 PORTO

MANTOVANO (MANTOVA) Italy

(72)Name of Inventor: 1)GIRONDI Giorgio

(57) Abstract:

A manifold element (210) for a filtering cartridge (200) comprising a shaped shell (215) provided with an internal volume (220) and a plurality of access ports (225 230) communicating with said internal volume among which a plurality of first access ports (225) and at least one second access port (230) wherein each of said first access ports (225) is adapted to be coupled with a respective filtering material element (205) so as to support it and be occluded thereby.

No. of Pages: 29 No. of Claims: 18

(21) Application No.1910/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHODS FOR MAKING SACCHARIDE PROTEIN GLYCOCONJUGATES

(51) International :A61K39/09,C08B37/00,C07K16/12 classification

(31) Priority Document No :61/534751 (32) Priority Date :14/09/2011

(33) Name of priority country:U.S.A.

(86) International :PCT/IB2012/054805

Application No :14/09/2012 Filing Date

(87) International Publication :WO 2013/038375

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor:

1)SAUL Allan

2)MICOLI Francesca

(57) Abstract:

The invention provides a process for the reductive amination of a carbonyl group at the reducing terminus of a polysaccharide wherein the reductive amination is carried out at a pH between 4 and 5. The invention also provides a process for preparing a conjugate of a polysaccharide and a carrier molecule comprising the steps of: (a) coupling the polysaccharide to a linker to form a polysaccharide linker compound in which the free terminus of the linker is an ester group; and (b) reacting the ester group with a primary amine group in the carrier molecule to form a polysaccharide linker carrier molecule conjugate in which the linker is coupled to the carrier molecule via an amide linkage. The invention also provides a process for reducing contamination of a polysaccharide linker compound with unreacted linker comprising a step of precipitating unreacted linker under aqueous conditions at a pH of less than 5. The invention also provides polysaccharide linker carrier molecule conjugates and intermediate compounds obtained or obtainable by these processes.

No. of Pages: 53 No. of Claims: 46

(21) Application No.2010/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DETERGENT COMPOSITIONS COMPRISING SUSTAINABLE SURFACTANT SYSTEMS COMPRISING ISOPRENOID DERIVED SURFACTANTS

(51) International classification	:C11D1/37,C11D1/645,C11D1/83	(71)Name of Applicant :
(31) Priority Document No	:61/536860	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:20/09/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application	.DCT/LIS2012/056210	(72)Name of Inventor:
No	:PCT/US2012/056310	1)URBIN Stephanie Ann
Filing Date	:20/09/2012	2)REILMAN Randall Thomas
(87) International Publication	:WO 2013/043857	3)VINSON Phillip Kyle
No	:WO 2013/043837	4)DEPA Praveen Kumar
(61) Patent of Addition to	:NA	5)STEFFEY Melinda Phyllis
Application Number	:NA	6)PRICE Kenneth Nathan
Filing Date	:NA	7)BURCKETT ST. LAURENT James Charles Theophile
(62) Divisional to Application	.NI A	Roger
Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to detergent compositions containing a surfactant system comprising sustainable or bio derived surfactant hydrophobes or sustainable or bio derived surfactants. Specifically the invention relates to detergent compositions containing a surfactant system that has a Surfactant Hydrophobe Sustainability Index (SHSI) greater than or equal to 0.70 or a Surfactant Sustainability Index (SSI) greater than or equal to 0.70. The system comprises isoprenoid based surfactants and non isoprenoid derived surfactants.

No. of Pages: 65 No. of Claims: 15

(21) Application No.1865/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CONTACT SLIDER UNIT FOR A SWITCHING UNIT IN PARTICULAR FOR A CIRCUIT BREAKER

Number Filing Date (62) Divisional to Application Number :NA	Filing Date (62) Divisional to Application Number	:NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 M ¹ /4nche Germany (72)Name of Inventor: 1)R-SCH Bernhard 2)SCHNELLINGER Alfred 3)SPIES Alexander	en
Filing Date :NA	. ,			

(57) Abstract:

The invention relates to a contact slider unit (1) for a switching unit in particular for a circuit breaker having a contact slider (2a) and a contact piece (2). The invention is characterised in that the contact piece (2) has a passage (18) through which a tappet (10) is guided.

No. of Pages: 12 No. of Claims: 5

(21) Application No.1866/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CONTACT SLIDER UNIT FOR A SWITCHING UNIT IN PARTICULAR FOR A CIRCUIT BREAKER

(57) Abstract:

The invention relates to a contact slider unit (9 16) for a switching unit in particular for a circuit breaker having a contact slider (10 17) and a contact piece (1 18 24). The invention is characterised in that a stabilising element (6 7 22 23 27) preventing bridge rotation is arranged on the contact piece (1 18 24).

No. of Pages: 18 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :13/03/2014

(21) Application No.1917/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: LIQUID FUEL TRAP DEVICE

:NA

(51) International classification	:F02M25/08,B60K15/035	(71)Name of Applicant :
(31) Priority Document No	:1114705.5	1)Eaton Industrial IP GmbH & Co. KG
(32) Priority Date	:25/08/2011	Address of Applicant : Airport Center Schnefeld Mittelstrasse
(33) Name of priority country	:U.K.	5 5a 12529 Schnefeld Germany
(86) International Application No	:PCT/EP2012/066570	(72)Name of Inventor:
Filing Date	:27/08/2012	1)WALTER Stefan
(87) International Publication No	:WO 2013/026938	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

A LIQUID FUEL TRAP DEVICE FOR A VEHICLE FUEL SYSTEM, THE DEVICE COMPRISING A HOUSING FORMING A CONFINED SPACE WITH AT LEAST ONE PORT CONNECTABLE TO A FUEL VAPOR PASSAGE, AND A VALVE CAPABLE OF DISCHARGING LIQUID FUEL FROM SAID SPACE INTO THE TANK, CHARACTERIZED IN THAT THE HOUSING COMPRISES AT LEAST TWO RETENTION MEANS (7) TO REFRAIN THE FUEL (3) IN THE HOUSING FROM REACHING THE OUTLET PORT (5) CONNECTABLE TO THE FUEL VAPOR RECOVERY SYSTEM IN ANGLE SCENARIOS.

No. of Pages: 15 No. of Claims: 6

(21) Application No.1918/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : APPLICATION OF CARBON NANOTUBES ON AGGLOMERATES OF ORE FINES TO INCREASE THE MECHANICAL STRENGTH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:61/532 420 :08/09/2011 :U.S.A.	(71)Name of Applicant: 1)VALE S.A. Address of Applicant: Avenida Gra§a Aranha 26 Centro Rio de Janeiro RJ 20030 000 Brazil (72)Name of Inventor: 1)DUTRA Fl;vio de Castro 2)PIMIENTA Hamilton Porto
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)DE RESENDE Valdirene Gonzaga
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention refers to the application of carbon nanotubes on agglomerates of ore fines to increase the mechanical strength. The present invention also refers to a process for the preparation of ore agglomerates having enhanced mechanical strength by the application of the carbon nanotubes.

No. of Pages: 24 No. of Claims: 10

(21) Application No.2016/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : REFERENCE SIGNAL POWER MEASUREMENT AND REPORTING FOR IMPROVING PERFORMANCE IN A NETWORK WITH GEOGRAPHICALLY SEPARATED ANTENNA PORTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04B17/00,H04B7/06,H04B7/02 :201110279288.7 :05/09/2011 :China	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 16483 Stockholm Sweden (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/IB2012/054589 :05/09/2012	1)HU Yang 2)SONG Xinghua 3)LI Shaohua
(87) International Publication No	:WO 2013/035052	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Devices and methods for improving performance in a network with geographically separated antenna ports based on determining arid reporting reference signal power from a communication device to a base station are provided. In one aspect the difference between received reference signal power values is used in determining a reported reference signal power value such as reference signal received power (RSRP) in a Multiple Input Multiple Output (MIMO) network including geographically separated antenna ports transmitting on cell specific reference signal (CBS) ports 0 and 1. Devices and methods for measuring and reporting per port reference signal power values are provided.

(21) Application No.2017/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD FOR SEALING A PIPE INCLUDING INTERNAL AND EXTERNAL **GRIPPING MEANS**

(51) International :F16L55/115,B23K37/00,F16L55/10

classification (31) Priority Document No :61/536625

(32) Priority Date :20/09/2011 (33) Name of priority :U.S.A. country

(86) International :PCT/CA2012/050615

Application No :06/09/2012 Filing Date

(87) International Publication: WO 2013/040699

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)CAR BER INVESTMENTS INC.

Address of Applicant: 15 Mason Street Wallaceburg Ontario

N8A 2L1 Canada (72)Name of Inventor: 1)BERUBE Guy 2) CARSON Glenn

(57) Abstract:

An apparatus for sealing an open end of a pipe includes a sealing means for forming a circumferential seal between the apparatus and the inner surface of the pipe and first and second gripping means for frictionally engaging the inner and outer surfaces of the pipe respectively to prevent relative axial movement between the apparatus and the pipe. The invention also provides a method of sealing an open end of a pipe. The apparatus and method are also adapted to pressurize the interior of the pipe for conducting an integrity test of the pipe or welds on the pipe.

(21) Application No.157/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DIFFERENTIAL ASSEMBLY HAVING A CLUTCH COLLAR ACTUATOR MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16D :13/923,414 :21/06/2013 :U.S.A. :NA :NA	Address of Applicant :2135 WEST MAPLE ROAD, TROY, MICHIGAN 48084, U.S.A. U.S.A. (72)Name of Inventor: 1)BRIAN D. HAYES 2)ROBERT J. MARTIN
		7
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A differential assembly having a clutch collar actuator mechanism. The clutch collar actuator mechanism includes an actuator and a fork that may pivot about a pivot axis to actuate a clutch collar.

(21) Application No.1879/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: COMPOSITIONS AND METHOD FOR CONTROLLING FUNGAL FOLIAR PATHOGENS

(51) International (71)Name of Applicant: :A01N65/40,A01N37/40,A01N59/02 classification 1)LEAHY Jr. James (31) Priority Document No :2748993 Address of Applicant :864 Route 202 Franklin Centre Quebec (32) Priority Date :15/08/2011 JOS 1E0 Canada (72)Name of Inventor: (33) Name of priority :Canada 1)LEAHY Jr. James country (86) International :PCT/CA2012/000846 Application No :14/08/2012 Filing Date (87) International :WO 2013/023286 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

(57) Abstract:

Filing Date

Pathogens including apple scab are controlled with the systematic application on fruit crops of organic compositions comprising yucca extract, elemental sulphur and salicylic acid.

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: GUIDING SUPPORT AND KIT FOR TERMINATING A TRANSMISSION CABLE

(54) 7	**************************************	(71)
(51) International classification	:H02G15/00	(71)Name of Applicant:
(31) Priority Document No	:13 153 034.7	1)TYCO ELECTRONICS NEDERLAND BV
(32) Priority Date	:29/01/2013	Address of Applicant :RIETVELDENWEG 32, NL - 5222 AR
(22) Name of priority country	:EUROPEAN	'S-HERTOGENBOSCH, THE NETHERLANDS,
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)ELENBAAS, JACCO
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	
	<u> </u>	

(57) Abstract:

The present invention relates to a guiding support (100) for guiding at least one transmission line (303) between an end cap (200) on a transmission cable (300) and a terminal (400) terminating 5 the transmission line (303). Further, the invention relates to kit for a terminating arrangement (1) for terminating a transmission cable (300). In order to facilitate the termination of the transmission cable (300) and to provide strain relief between the end cap (200) and the terminal (400), the present invention provides that the guiding support (100) comprises at least one holding structure (102), configured to receive a fixation member (201) of the end cap (200) at a 10 rear end (101) of the guiding support (loo), at least one seating (104) configured to receive at least one adapter piece (700) for holding the terminal (400) and at least one channel (105) for guiding the at least one transmission line (303) from the rear end (101) to the front end (103).

(21) Application No.1930/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CENTRIFUGAL CASTED COMPOSITE ROLLER FOR HOT ROLLING AND METHOD FOR PRODUCING SAME

(51) International :B21B27/00,B21B27/02,B22D13/02 classification

(31) Priority Document No :2011205644 (32) Priority Date :21/09/2011

(33) Name of priority country: Japan

(86) International Application: PCT/JP2012/072345

No :03/09/2012 Filing Date

(87) International Publication :WO 2013/042528

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application:NA

Number :NA Filing Date

(71)Name of Applicant: 1)HITACHI METALS LTD.

Address of Applicant :2 1 Shibaura 1 chome Minato ku Tokyo

1058614 Japan

(72)Name of Inventor:

1)ODA Nozomu

2)NOZAKI Yasunori 3)HONDA Rvouta 4)OHATA Takumi

(57) Abstract:

Provided is a centrifugal casted composite roller that is for hot rolling and that results from depositing/integrating an inner layer comprising an iron based alloy to an outer layer having a composition that contains by mass% 0.8 3.5% of C 0.1 2.5% of Si 0.1 2.5% of Mn 1.2 15% of Cr 1 5% of Ni and 1 10% of Mo+0.5—W the remainder consisting essentially of Fe and unavoidable impurities the Shore hardness of the outer layer at the initial diameter of the composite roller is 67 82 and the highest value of the Shore hardness at the outer layer at a site that is at least 30 mm deep from the initial diameter is at least one higher than the Shore hardness at the outer layer at the initial diameter.

(19) INDIA

(21) Application No.2026/DELNP/2014 A

(22) Date of filing of Application: 18/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: ANTI THEFT SECURITY DEVICE TO INCREASE MARKETING OPPORTUNITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E05B73/00 :61/541018 :29/09/2011 :U.S.A. :PCT/US2012/057801 :28/09/2012 :WO 2013/049492 :NA :NA :NA	(71)Name of Applicant: 1)AVERY DENNISON CORPORATION Address of Applicant: 150 N. Orange Grove Blvd. Pasadena CA 91103 U.S.A. (72)Name of Inventor: 1)COOPER William J.
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(57) Abstract:

The present invention relates to a security device for improving the marketing impact of an article of commerce. The device generally includes a housing having a base and a cover with the cover having at least one opening to allow for the insertion of an attachment mechanism. The housing element of the present invention in one embodiment is in a shape representing a particular theme such as a particular trademark trade dress special events commemorative events historical events and combinations thereof. The housing may contain an RFID device and/or an electronic article security device. The present invention also provides a method of attaching a security device described herein to an article of commerce.

(22) Date of filing of Application: 13/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: MULTIPLE LOCK SYSTEM FOR A LUGGAGE CASE

(51) International

classification

(31) Priority Document No :61/533937 (32) Priority Date :13/09/2011 (33) Name of priority country: U.S.A.

(86) International Application: PCT/EP2012/067991

No :13/09/2012

Filing Date

(87) International Publication :WO 2013/037912 No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application:NA Number :NA Filing Date

1)SAMSONITE IP HOLDINGS S.A.R.L.

(21) Application No.1928/DELNP/2014 A

Address of Applicant: 13 15 Avenue de la Libert L 1931

Luxembourg

(72)Name of Inventor:

1)MEERSSCHAERT Reinhard

2)RECCHIA Diego

(57) Abstract:

(19) INDIA

An apparatus for selectively securing at least a first zipper closure mechanism (25) and a second zipper closure mechanism (135) of a luggage case (100) may include a lock device (145) coupled to the luggage case (100). The lock device (14) includes a lock mechanism (158) operable between a locked and unlocked configuration at least two securing recesses (151 152 153 154) for releasable receipt of at least a portion of each of the respective first and second zipper closure mechanisms (125 135) and at least one release member (160) for actuating the lock mechanism (158).

(19) INDIA

(22) Date of filing of Application :13/03/2014

(21) Application No.1929/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : CUTTING ELEMENTS FOR EARTH BORING TOOLS EARTH BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS AND RELATED METHODS

(51) International classification :E21B10/46,C09K3/14 (71)Name of Applicant : (31) Priority Document No 1)BAKER HUGHES INCORPORATED :61/535772 (32) Priority Date Address of Applicant : P. O. Box 4740 Houston TX 77210 :16/09/2011 (33) Name of priority country 4740 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/054999 (72)Name of Inventor: Filing Date :13/09/2012 1)DIGIOVANNI Anthony A. (87) International Publication No :WO 2013/040123

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

.

(57) Abstract:

Cutting elements include a superabrasive table at least one indentation in a cutting face of the superabrasive table and at least one spoke extending radially across at least a portion of the at least one indentation. Earth boring drill bits include such a cutting element. Methods of forming a cutting element include forming a superabrasive table having at least one such indentation and at least one such spoke and positioning the superabrasive table on a substrate.

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CAN ANNULAR COMBUSTOR WITH STAGED AND TANGENTIAL FUEL AIR NOZZLES FOR USE ON GAS TURBINE ENGINES

	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F02C3/00 :NA :NA :NA :PCT/US2011/048612 :22/08/2011 :WO 2013/028167 :NA :NA	3)REGELE Jonathan David 4)YAMANE Ryan Sadao (72)Name of Inventor : 1)TOQAN Majed
Filing Date :NA 4)YAMANE Ryan Sadao	Filing Date (62) Divisional to Application Number	:NA	2)GREGORY Brent Allan 3)REGELE Jonathan David

(57) Abstract:

A combustion device used in gas turbine engines to produce propulsion or rotate a shaft for power generation includes a can annular combustor with a system of fuel and air inlet passages and nozzles that results in an optimal combustion environment of fuel and air. Fuel air and/or fuel air inlets are placed at various longitudinal locations and circumferentially distributed and direct the flow tangentially or nearly tangent to the can liner. The combustion device provides an optimal mixing of fuel and air creates an environment for combustion that reduces pollutant emissions reduces the need for costly pollution control devices enhances ignition and flame stability reduces piloting issues and improves vibration reduction.

(21) Application No.2032/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : TANGENTIAL ANNULAR COMBUSTOR WITH PREMIXED FUEL AND AIR FOR USE ON GAS TURBINE ENGINES

(57) Abstract:

A combustion device used in gas turbine engines to produce propulsion or rotate a shaft for power generation includes an annular combustor with a system of fuel and air inlet passages and nozzles that results in a staged combustion of premixed fuel and air. The fuel and air inlets are placed at various longitudinal locations circumferentially and can take on different configurations where all nozzles inject a fuel air mixture or some may inject only air. The combustion device provides an optimal mixing of fuel and air creates an environment for combustion that reduces pollutant emissions reducing the need for costly pollution control devices enhances ignition and flame stability reduces piloting issues allows increased fuel flexibility decreases the required size of the first stage nozzle guide vane (NGV) and improves vibration reduction.

(19) INDIA

(22) Date of filing of Application :18/03/2014

(21) Application No.2033/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: DOCKING STATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H05K7/00 :61/526572 :23/08/2011 :U.S.A. :PCT/US2012/044437 :27/06/2012 :WO 2013/028261 :NA :NA	(71)Name of Applicant: 1)L&P PROPERTY MANAGEMENT COMPANY Address of Applicant: 4095 Firestone Boulevard South Gate CA 90280 U.S.A. (72)Name of Inventor: 1)WILLIAMS Steve
(61) Patent of Addition to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A docking station for an electronic device includes a base at least partially configured to support the electronic device. The base includes a front face and a substantially orthogonal adjacent face. A guide rib extends normally between the front face and the adjacent face. An electrical connector is pivotally coupled to the base and configured to receive a mating connector of the electronic device. An edge portion of the guide rib engages a surface of the electronic device to facilitate alignment of the electrical connector with the mating connector.

(19) INDIA

(22) Date of filing of Application :22/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : ASYMMETRIC LENS DESIGN AND METHOD FOR PREVENTING AND/OR SLOWING MYOPIA PROGRESSION

(51) International classification	:G02C7/00	(71)Name of Applicant :
(31) Priority Document No	:13/753,767	1)JOHNSON & JOHNSON VISION CARE, INC.
(32) Priority Date	:30/01/2013	Address of Applicant :7500 CENTURION PARKWAY,
(33) Name of priority country	:U.S.A.	JACKSONVILLE, FLORIDA 32256, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)XIN WEI
(87) International Publication No	: NA	2)NOEL A. BRENNAN
(61) Patent of Addition to Application Number	:NA	3)KHALED A. CHEHAB
Filing Date	:NA	4)JEFFREY H. ROFFMAN
(62) Divisional to Application Number	:NA	5)C. BENJAMIN WOOLEY
Filing Date	:NA	

(57) Abstract:

Contact lenses incorporating asymmetric radial power profiles that increase the radial dioptric power from the center to the margin of the 5 optical zone of the lenses may be utilized to prevent andlor slow myopia progression. The power profiles vary along different meridians.

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SURGICAL INSTRUMENT WITH FILLED STAPLE

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
:A61B17/064,A61B17
:13/233646
:15/09/2011
:U.S.A.
:PCT/US2012/054410

Filing Date :10/09/2012

(87) International Publication No :WO 2013/039823

(61) Patent of Addition to Application
Number
Filing Date

(62) Divisional to Application Number: NA

(62) Divisional to Application Number :NA Filing Date :NA

:A61B17/064,A61B17/072 (71)Name of Applicant :

1)ETHICON ENDO SURGERY INC.

(21) Application No.1990/DELNP/2014 A

Address of Applicant :4545 Creek Road Cincinnati Ohio

45242 U.S.A.

(72)Name of Inventor:
1)BRUEWER Dean B.
2)KIMBALL Cory G.
3)DAUNCH William A.

4)SWENSGARD Brett E. 5)SCHMID Katherine J.

(57) Abstract:

An apparatus comprises a surgical instrument having a proximal end and a distal end. The proximal end may comprise a handle. The distal end may comprise a cutter and a stapler. The apparatus may further comprise a staple for use with the stapler. The staple may comprise an inner channel extending along at least a portion of the length of the staple. The apparatus may further comprise an agent contained in the inner channel which may be used to coagulate a surgical site where surgical instrument is used. The agent may facilitate coagulation of the fluids at a surgical site once the staples are anchored to the surgical site.

(10) INDIA

(21) Application No.1991/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : INCONTINENCE TREATMENT DEVICE CONFIGURED FOR URETHRAL PLACEMENT INTO THE BLADDER

(51) International classification	:A61F2/00	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70523	1)COLOPLAST A/S
(32) Priority Date	:22/09/2011	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050354	(72)Name of Inventor:
Filing Date	:24/09/2012	1)DEITCH Sarah J.
(87) International Publication No	:WO 2013/041111	2)COLLEY Janell
(61) Patent of Addition to Application	:NA	3)KERKVLIET Julie M.
Number		4)LEDIN Gregg
Filing Date	:NA	I)DDDIT Gregg
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		·

(57) Abstract:

An incontinence treatment device has a solid rod connected between a proximal portion and a distal portion. The proximal portion is insertable into a urinary bladder. The solid rod is configured for placement in the urethra. The solid rod has a length that adapts the distal portion to be positioned outside and distal to the urethra with the proximal portion positioned in the urinary bladder. The proximal portion has a lateral dimension that is at least a factor of 3 greater than a lateral dimension of the solid rod and is so configured to block a neck of the urinary bladder and impede flow of urine out of the urinary bladder. A force applied to the distal portion displaces the proximal portion away from the neck of the urinary bladder to allow urine to exit the urinary bladder.

(21) Application No.2036/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : INSTRUMENT FOR ASSISTING A USER DURING INJECTION A METHOD OF USE AND A SYSTEM COMPRISING SAID INSTRUMENT

(51) International classification (31) Priority Document No	:A61M5/31,A61M5/32,A61M5/42 :PA 2011 00648	(71)Name of Applicant: 1)IN.TOOL ApS
(32) Priority Date	:29/08/2011	Address of Applicant :c/o Jakob Dahl Thomsen Krogholmen 9
(33) Name of priority country	:Denmark	DK 2840 Holte Denmark
(86) International Application No Filing Date	:PCT/DK2012/050321 :29/08/2012	(72)Name of Inventor : 1)THOMSEN Jakob Dahl
(87) International Publication No	:WO 2013/056714	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an instrument (1) for assisting a user during injection of a substance by a delivery system (2) said instrument comprising: A grip unit (5) and means for attaching the grip unit to the delivery system. Said grip unit is arranged to be held by a first hand of the user while a second hand of the user controls the delivery system. The invention further relates to a method of use and a system comprising said instrument.

(19) INDIA

(22) Date of filing of Application:19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: META SUBSTITUTED BIPHENYL PERIPHERALLY RESTRICTED FAAH INHIBITORS

(51) International :C07C233/06,C07C233/23,C07D309/14 classification

(31) Priority Document :61/525636

(32) Priority Date :19/08/2011 (33) Name of priority

:U.S.A. country

(86) International

Application No :17/08/2012

Filing Date

(87) International

Publication No (61) Patent of Addition to :NA

Application Number Filing Date (62) Divisional to

Application Number Filing Date

:PCT/US2012/051478

:WO 2013/028570

:NA :NA

:NA

(71)Name of Applicant:

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Address of Applicant: 1111 Franklin Street 12th Floor

Oakland California 94607 U.S.A.

2)FONDAZIONE ISTITUTO ITALIANO DI

TECNOLOGIA

3)UNIVERSITA DEGLI STUDI DI URBINO Carlo Bo

4)UNIVERSITA DEGLI STUDI DI PARMA

(72)Name of Inventor:

1)PIOMELLI Daniele

2)MORENO SANZ Guillermo

3)BANDIERA Tiziano

4)MOR Marco

5)TARZIA Giorgio

(57) Abstract:

The present invention provides methods of making and using peripherally restricted inhibitors of fatty acid amide hydrolase (FAAH). The present invention provides compounds and compositions that suppress FAAH activity and increases anandamide levels outside the central nervous system (CNS). The present invention also sets forth methods for inhibiting FAAH as well as methods for treating conditions such as but not limited to pain inflammation immune disorders dermatitis mucositis the over reactivity of peripheral sensory neurons neurodermatitis and an overactive bladder. Accordingly the invention also provides compounds methods and pharmaceutical compositions for treating conditions in which the selective inhibition of peripheral FAAH (as opposed to CNS FAAH) would be of benefit.

(19) INDIA

(22) Date of filing of Application :12/03/2014

(21) Application No.1898/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM FOR ABSOLUTE PLATELET PERCENT AGGREGATION DETERMINATION

:7901/DELNP/2007

:12/10/2007

(51) International classification	:G01N33/00	(71)Name of Applicant :
(31) Priority Document No	:60/675,513	1)ACCUMETRICS, INC.
(32) Priority Date	:27/04/2005	Address of Applicant :3985 Sorrento Valley Blvd., San Diego,
(33) Name of priority country	:U.S.A.	California 92121 (US) U.S.A.
(86) International Application No	:PCT/US2006/016289	(72)Name of Inventor:
Filing Date	:26/04/2006	1)SWAIM, Lisa
(87) International Publication No	: NA	2)DURBIN, Dennis
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	

(57) Abstract:

Filed on

A method for obtaining a percent aggregation or inhibition of platelets resulting from anti-platelet using a single blood sample is achieved. An assay device is provided. The assay device has multiple channels, each coupled to a common introduction port. A first platelet activator is sensitive to activation pathway targeted by the anti-platelet drug. A second platelet activator is insensitive to the activation pathway targeted by the anti-platelet drug. An anti-coagulated sample is introduced simultaneously to the first and second channels. A level of platelet aggregation is simultaneously made in both channels

No. of Pages: 12 No. of Claims: 4

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MEDICAL COMPOSITION CONTAINING STAUNTONIA HEXAPHYLLA EXTRACT

(51) International classification(31) Priority Document No(32) Priority Date	:A01K30/71,A01K30/183,A01P29/00	(71)Name of Applicant: 1)JEONNAM BIOINDUSTRY FOUNDATION Address of Applicant: 30 5 Dongsunonggongdanji gil Naju si Jeollanam do 520 330 Republic of Korea
(33) Name of priority country	:Republic of Korea	2)YUNGJIN PHARMACEUTICAL CO. LTD. (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/KR2012/003867 :16/05/2012	1)CHOI Chul Yung 2)PAN Sang O 3)SEOL Hee Jin
(87) International Publication No	:WO 2013/024960	4)LEE Gyu Ok 5)PARK Ka Hyon
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)KIM Hee Sook 7)JANG Wook Jin 8)KIM Hyun
(62) Divisional to Application Number Filing Date	:NA :NA	9)LEE Dong Wook 10)KIM Sun Oh 11)KIM Jae Gap

(57) Abstract:

The present invention relates to a fever medicine containing a Stauntonia hexaphylla leaf extract as an active ingredient. The Stuantonia hexaphylla leaf extract according to the present invention does not have cytotoxicity and is completed by verifying a superior fever alleviation effect even when compared to existing fever medicines having fever alleviation effects. The composition for alleviating fever containing the Stauntonia hexaphylla leaf extract as the active ingredient has an excellent fever alleviation effect.

(21) Application No.2002/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DOCUMENT READER

(51) International classification: H04N1/04,H04N1/00,H04N1/028 (71) Name of Applicant: (31) Priority Document No :2011195264 (32) Priority Date :07/09/2011

:31/08/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/072105

No Filing Date

(87) International Publication

:WO 2013/035631

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)Nisca Corporation

Address of Applicant: 430 1 Kobayashi Fujikawa cho

Minamikoma gun Yamanashi 4000593 Japan

(72)Name of Inventor:

1)ENOMOTO Shinnosuke

2)OZAWA Junya

(57) Abstract:

A reading unit (3) placed on the inner side of a U shaped feed path (12) that feeds a document is formed such that the height axis dimension of said reading unit decreases in a direction extending toward a side having a paper delivery tray (11). Contact glass (20) a light source and a first mirror (24) are placed in the reading unit (3) at an end portion of the side having the paper delivery tray (11). Multiple reflecting mirrors (25 26 and 27) a lens (28) and a photoelectric converter element (29) are placed further from the paper delivery tray than the first mirror (24) in the reading unit. This structure enables the reading unit provided in a document feeder to be more compact while ensuring the required light path length and enables the entire document feeder to be more compact.

(19) INDIA

(22) Date of filing of Application :15/03/2014

(21) Application No.2003/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : SOLAR RECEIVER TUBE ASSEMBLY WITH SUITED RECEIVER TUBE PER WORKING TEMPERATURE AND USE OF THE RECEIVER TUBE ASSEMBLY

(51) International classification :F24J2/48,F24J2/07 (71)Name of Applicant: (31) Priority Document No 1)SIEMENS CONCENTRATED SOLAR POWER LTD. :11186183.7 (32) Priority Date Address of Applicant: 3 Ha Hacshara 99107 Beit Shemesh :21/10/2011 (Industrial Area West) Israel (33) Name of priority country :EPO (86) International Application No :PCT/EP2012/070242 (72)Name of Inventor : Filing Date :12/10/2012 1)ARAN Hagai (87) International Publication No :WO 2013/057043 2)LIPMAN Eli (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A solar receiver tube assembly (1) is provided with at least one first solar receiver tube (101) with a first selective absorptive coating; at least one second solar receiver tube (102) with a second selective absorptive coating wherein values of at least one optical characteristic of the first selective coating and the second selective coating differs from each other while an operating the solar receiver tube assembly. The optical characteristics are preferably alpha and epsilon.

(21) Application No.2053/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROTEIN EXPRESSION

(51) International classification :C12N1/19,C12N9/04,C12N9/90 (71)Name of Applicant :

(31) Priority Document No :11179496.2 (32) Priority Date :31/08/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/066949

Filing Date :31/08/2012

(87) International Publication No: WO 2013/030329

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)VTU HOLDING GMBH

Address of Applicant: Parkring 18 A 8074 Grambach Austria

(72)Name of Inventor:

1)WEIS Roland

2)PURKARTHOFER Thomas

The present invention relates to a genetically modified yeast cell comprising: at least one recombinant promoter operably linked to at least one gene encoding a polypeptide or protein supporting the biosynthesis of polypeptides or proteins within said cell said at least one gene being located at the native genomic locus of the genetically unmodified wild type yeast cell wherein the naturally occurring promoter of the at least one gene encoding the biosynthesis supporting polypeptide or protein is inactivated by at least one mutation within said naturally occurring promoter and a secretion cassette comprising a recombinant nucleic acid molecule encoding a protein or polypeptide of interest and a method for producing a recombinant protein or polypeptide of interest using such a cell.

(19) INDIA

(22) Date of filing of Application: 16/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR OPERATING INTERACTIVE MESSAGING SERVICE PROVIDING RECEPTION **CONFIRMATION**

(51) International classification :G06Q50/30,H04N21/8358 (71)Name of Applicant : (31) Priority Document No :1020110095674 (32) Priority Date :22/09/2011 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2012/007593

Filing Date :21/09/2012 (87) International Publication No :WO 2013/042985

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date

1)KAKAO CORP.

Address of Applicant :6F Elentec dong Pangyo Venture Valley 2 cha 17 Pangyo ro 228beon gil Bundang gu Seongnam si

Gyeonggi do 463 400 Republic of Korea

(21) Application No.2007/DELNP/2014 A

(72)Name of Inventor: 1)LEE Sang Hyuk

(57) Abstract:

A method for operating an interactive messaging service includes the following steps: sequentially assigning identification numbers to messages transmitted by users participating in group chatting; selecting an identification number of a certain message as a watermark of each of the users for each of the users; and determining the number of non read users corresponding to each of the messages on the basis of the watermark of each of the users.

(21) Application No.2008/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DETERGENT COMPOSITIONS COMPRISING PRIMARY SURFACTANT SYSTEMS COMPRISING HIGHLY BRANCHED SURFACTANTS ESPECIALLY ISOPRENOID BASED SURFACTANTS

(51) International classification	:C11D1/00,C11D1/14,C11D1/29	(71)Name of Applicant:
(31) Priority Document No	:61/536819	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:20/09/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	OH 45202 U.S.A.
(86) International Application No:PCT/US2012/056230		(72)Name of Inventor:
Filing Date	:20/09/2012	1)URBIN Stephanie Ann
(87) International Publication No.	:WO 2013/043805	2)RANDALL Sherri Lynn
(61) Patent of Addition to	:NA	3)PRICE Kenneth Nathan
Application Number	:NA	4)REILMAN Randall Thomas
Filing Date	.NA	5)VINSON Phillip Kyle
(62) Divisional to Application	:NA	6)DEPA Praveen Kumar
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

The present invention relates to detergent compositions containing a surfactant system comprising a highly branched surfactant as the primary surfactant. Specifically the invention relates to detergent compositions containing a surfactant system comprising greater than about 25% of a highly branched surfactant.

(22) Date of filing of Application: 16/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LED MODULE AND LED LAMP EMPLOYING SAME

(51) International

:H01L33/62,H01L33/60,H01L33/64

classification

(19) INDIA

(31) Priority Document No :2011204307 (32) Priority Date :20/09/2011

(33) Name of priority country: Japan

No

(86) International Application :PCT/JP2012/073845 :18/09/2012

:NA

Filing Date

(87) International Publication :WO 2013/042662

(61) Patent of Addition to :NA **Application Number**

Filing Date

:NA (62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant:

1)CITIZEN HOLDINGS CO. LTD.

(21) Application No.2009/DELNP/2014 A

Address of Applicant: 1 12 Tanashicho 6 chome Nishitokyo

shi Tokyo 1888511 Japan

2) CITIZEN ELECTRONICS CO. LTD.

(72)Name of Inventor: 1)IMAI Sadato

2) ISHII Hirohiko

(57) Abstract:

Provided is an LED module with which wide light distribution may be obtained even with a small number of attached LED devices and which has a simple structure which may be easily assembled. An LED module comprises a column shaped mounting substrate and a plurality of LED devices. The mounting substrate has a structure further comprising an insulation layer between a first copper plate and a second copper plate. When mounting the plurality of LED devices on a leading end part of the mounting substrate the first copper plate is used as the plus side electrode and the second copper plate is used as the minus side electrode.

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DYNAMIC ORTHOSCOPIC SENSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B17/32 :13/242336 :23/09/2011 :U.S.A. :PCT/US2012/055427 :14/09/2012 :WO 2013/043492 :NA :NA	 (71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant: 1450 Brooks Road Memphis Tennessee 38116 U.S.A. (72)Name of Inventor: 1)SMITH Todd E. 2)DUHAMEL Paul Robert
(61) Patent of Addition to Application Number	:NA	2)DUHAMEL Paul Robert
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2057/DELNP/2014 A

(57) Abstract:

A dynamic sensing method and apparatus employs microelectromechanical systems (MEMS) and nanoelectromechanical (NEMS) surgical sensors for gathering and reporting surgical parameters pertaining to a drive mechanism of a surgical device such as speed rotation torque and other characteristics of the surgical device. The surgical device employs or affixes the surgical sensor on or about a surgical device for detecting electromechanical characteristics during the surgical procedure. The surgical procedure disposes the medical device in the surgical field responsive to the drive mechanism of a shaver or other endoscopic instrument inserted in a surgical field defined by the surgical procedure.

(21) Application No.2058/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: COMPOSITIONS COMPRISING MALTOTRIOSE AND METHODS OF USING SAME TO INHIBIT DAMAGE CAUSED BY DEHYDRATION PROCESSES

(51) International classification :A23L1/29,A23L1/30,C12N1/04 (71)Name of Applicant:

(31) Priority Document No :13/270607

(32) Priority Date :11/10/2011 (33) Name of priority country :U.S.A.

(86) International Application No: PCT/US2012/053855

Filing Date :06/09/2012

(87) International Publication No: WO 2013/055463

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)MJN U.S. HOLDINGS LLC

Address of Applicant :2701 Patriot Boulevard 4th Floor

Glenview IL 60026 U.S.A.

(72)Name of Inventor:

1)AO Zihua

2)GONZALEZ Juan M. 3)TAYLOR Bradley J.

(57) Abstract:

Compositions comprising maltotriose are disclosed herein. In certain embodiments the compositions comprise maltotriose and at least one component whose function is subject to impairment by a dehydration process such as a live microorganism. Methods for inhibiting damage caused by dehydration are also disclosed herein. In particular embodiments the method includes preparing a composition comprising maltotriose and at least one component whose function is subject to impairment by a dehydration process and removing water from the composition by one or more dehydration processes.

(19) INDIA

(22) Date of filing of Application :14/03/2014

(21) Application No.1978/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: INNER CANISTER OF EXPLOSION VENTING TYPE AEROSOL FIRE SUPPRESSION **APPARATUS**

(51) International

:A62C5/00,A62C13/22,A62C13/76

:15/08/2012

:PCT/CN2012/080184

:WO 2013/023601

classification

(31) Priority Document No :201110244667.2 (32) Priority Date :16/08/2011

(33) Name of priority country :China

(86) International Application No

Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)XIAN J&R FIRE FIGHTING EOUIPMENT CO. LTD.

Address of Applicant :Room 705 Building 6 No.65 Kejierlu

Gaoxin District Xian Shaanxi 710065 China (72)Name of Inventor:

1)OIANG Jian

2)LEI Zhengjun

(57) Abstract:

The present invention relates to an inner canister of an explosion venting type aerosol fire suppression apparatus comprising a canister body (3) and a canister cover component (4) arranged on one end of the canister body (3) also an explosion venting apparatus arranged on the canister body (3). The explosion venting apparatus comprises a friction layer (11) a connecting rod (12) a guiding unit (13) and a limiting apparatus (14). The connecting rod (12) and the canister cover component (4) are connected. The friction layer (11) is arranged between the connecting rod (12) and the canister body (3). The friction layer (11) provides a frictional resistance and buffering force for the connecting rod (12) when same is displaced under the guidance of the guiding unit (13) along a direction that a hot air stream of the canister body (3) is jetting towards. The guiding unit (13) is an apparatus capable of providing guidance for the connecting rod (12) when same is moving. The limiting apparatus (14) the canister cover component (4) and the connecting rod (12) are fixedly connected. The limiting apparatus (14) limits the connecting rod (12) when an extremity thereof slides to the canister cover component (4). The present invention uses primarily the movement and limiting of the explosion venting apparatus to consume kinetic energy generated by deflagration thus achieving the goal of safe and effective explosion ventilation and preventing a grain (7) from causing injuries and damages when deflagrated.

(21) Application No.2018/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR POSITIONING AN APPARATUS FOR MONITORING A PARABOLIC REFLECTOR AERIALLY

(51) International classification: G01M11/00,F24J2/14,G01B11/24 (71)Name of Applicant:

:WO 2013/050227

(31) Priority Document No :1297/KOL/2011 (32) Priority Date :05/10/2011

(33) Name of priority country :India

(86) International Application :PCT/EP2012/067972

:13/09/2012

Filing Date

(87) International Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

Germany

(72)Name of Inventor:

1)COTHURU Santhosh Kumar

2)SETHUVENKATRAMAN Ganapathi Subbu

3)ISSANI Sirai 4)PRABHU Vishal

(57) Abstract:

The invention relates to a method and a system for positioning an apparatus (10) for monitoring a parameter of one or more parabolic reflectors (15) of a solar thermal field (122) wherein the method comprises positioning the apparatus (10) at a first field location (105) responsive to the position of said respective parabolic reflector (15) acquiring information of an absorber tube (38) of said respective parabolic reflector (15) and positioning the apparatus (10) at the second field location (110) responsive to the information of the absorber tube (38) the second field location (110) being beyond the focus of said respective parabolic reflector (15).

(21) Application No.2068/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TITANIUM DIBORIDE GRANULES AS EROSION PROTECTION FOR CATHODES

(51) International classification: C04B35/63, C25C3/06, C04B35/58 (71) Name of Applicant:

(31) Priority Document No :10 2011 111 331.6

(32) Priority Date :23/08/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/065189

No

:02/08/2012 Filing Date

(87) International Publication

:WO 2013/026674

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)ESK CERAMICS GMBH & CO. KG

Address of Applicant : Max Schaidhauf Strasse 25 87437

Kempten Germany (72)Name of Inventor: 1)ENGLER Martin 2)VICTOR Georg

The invention relates to titanium diboride granules comprising aggregates of titanium diboride primary particles where the titanium diboride granules have a rounded shape and are fracture resistant. The invention further relates to a process for producing such titanium diboride granules their use for covering graphite cathodes in electrolysis cells in Al melt flux electrolysis or for the repair of holes in the cathode bottom of electrolysis cells and likewise a process for the repair of holes in the cathode bottom of electrolysis cells.

(19) INDIA

(22) Date of filing of Application:19/03/2014 (43) Publication Date: 13/03/2015

:WO 2013/105418

:NA

:NA

(54) Title of the invention: TIRE TESTING DEVICE

(51) International classification (31) Priority Document No :2012004503 (32) Priority Date :12/01/2012 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/083261 Filing Date :21/12/2012

(87) International Publication No (61) Patent of Addition to Application Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

:G01M17/02,G01M1/02 (71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES MACHINERY TECHNOLOGY CORPORATION

(21) Application No.2069/DELNP/2014 A

Address of Applicant :6 22 Kan on Shin machi 4 chome Nishi ku Hiroshima shi Hiroshima 7338553 Japan

(72)Name of Inventor:

1)TACHIBANA Makoto

2)AGAWA Jiro

3)IMAMURA Morihiro

4)UEDA Tatsuya

5)MIYAMOTO Yoshinori

(57) Abstract:

This tire testing device is provided with: a bottom rim at which are formed a bottom through hole and a rim side inclined surface that expands in diameter in the downward direction of the inner peripheral surface of the bottom end of the bottom through hole; a top rim held facing the bottom rim; a threading section that can be threaded through the bottom through hole; and a device side inclined surface that is provided to the bottom end of the threading section and that can contact the rim side inclined surface expanding in diameter from the outer peripheral surface of the threading section in the downwards direction.

(21) Application No.2022/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HYGIENE COMPLIANCE MONITOR FOR A DISPENSING CONTAINER

(51) International classification: G08B21/24,A47K5/12,A61L2/26 (71)Name of Applicant: 1)GOJO INDUSTRIES INC. (31) Priority Document No :61/537722 Address of Applicant :One GOJO Plaza Suite 500 P.O. Box (32) Priority Date :22/09/2011 991 Akron Ohio 44309 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2012/055117 1)WEGELIN Jackson W. No :13/09/2012 Filing Date 2)ARCHER Matthew J. (87) International Publication :WO 2013/043461 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A hygiene compliance monitor for a dispensing container that dispenses material when a dispensing nozzle is actuated includes a flexible main section having a receiving aperture through which the dispensing nozzle extends so as to enable the main section to be removably attached to the dispensing container. Extending from the main section is a secondary section that is terminated by an attachment sleeve that is configured to removably retain the dispensing nozzle therein. A token such as a magnet is carried by the attachment sleeve and is detected by a sensor carried by the main section. Thus when the dispensing nozzle is actuated to dispense material the sensor detects the presence and non presence of the token and accordingly updates a count value that is presented on a display that represents the number of actuations of the dispensing nozzle.

(21) Application No.2023/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: TRANSDERMAL VENOUS ACCESS LOCKING SOLUTIONS

(51) International :A01N31/02,A61L2/18,A61L29/08

classification :A01N31/02,A01L2/18,A01L2

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA

(86) International Application :PCT/US2011/049941

No Filing Date :31/08/2011

(87) International Publication :WO 2013/032464

(61) Patent of Addition to :NA

Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)ORGANIC MEDICAL VENTURES L.L.C.

Address of Applicant :3209 North Flood Street Suite 7

Norman Oklahoma 73069 U.S.A.

(72)Name of Inventor:

1)MILLS Stanley L.

2)MILLS Jacqueline L. 3)MAURER Robert D.

4)RAYBURN Gary L.

5) CUCHENS Marvin A.

(57) Abstract:

MICROBIAL GROWTH INHIBITING SOLUTIONS AND METHODS OF EMPLOYING THE MICROBIAL GROWTH INHIBITING SOLUTIONS IN FLUSHING AND COATING MEDICAL DEVICES ARE DISCLOSED. IN ALTERNATIVE EMBODIMENTS THE MICROBIAL GROWTH INHIBITING SOLUTIONS INCLUDE COMBINATIONS OF A CHELATING AGENT WITH A C C CARBOXYLATE ANTIMICROBIAL AGENT FOR EXAMPLE SUCH AS N OCTANOIC ACID. METHODS OF USING THESE MICROBIAL GROWTH INHIBITING SOLUTIONS FOR COATING A MEDICAL DEVICE AND FOR INHIBITING CATHETER INFECTION ARE ALSO DISCLOSED.

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PISTON PUMP AND PISTON ASSEMBLY THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F04B53/14 :1116907.5 :30/09/2011 :U.K. :PCT/EP2012/069151 :27/09/2012 :WO 2013/045592 :NA	(71)Name of Applicant: 1)GE HEALTHCARE BIO SCIENCES AB Address of Applicant: Bjorkgatan 30 S 751 84 Uppsala Sweden (72)Name of Inventor: 1)LUNDKVIST Mats
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2024/DELNP/2014 A

(57) Abstract:

Disclosed is piston pump (10) and piston assembly (30) for such a pump. The piston pump includes a cylinder (20) having an inner wall surface (22) formed around an axis A of the cylinder; and a piston assembly (30) for sliding along said cylinder axis said piston assembly includes a slideable flexible seal (34) in generally sealing contact with said inner wall surface and a seal mounting (44) said seal mounting having a plurality of circumferentially arranged members (37) moveable radially of said axis to increase or decrease the size of the seal.

(21) Application No.2071/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SOLVENTLESS PROCESS FOR THE PREPARATION OF AMINE FUNCTIONAL POLYETHERIMIDE RESINS WITH IMPROVED MELT FLOW

(51) International classification	:C08G73/10,D01F6/74,D01F6/78	(71)Name of Applicant :
(31) Priority Document No	:13/286093	1)SABIC INNOVATIVE PLASTICS IP B.V.
(32) Priority Date	:31/10/2011	Address of Applicant :Plasticslaan 1 4612PX Bergen op Zoom
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No Filing Date	:PCT/US2012/062352 :29/10/2012	(72)Name of Inventor : 1)ODLE Roy Ray
(87) International Publication No	:WO 2013/066783	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

The disclosure relates to a process that includes blending a polyimide resin and a primary alky amine organic compound to produce an aryl amine functionalized polyimide having aryl amine functionality in excess of any anhydride functionality. The polyimide resin can have a weight average molecular weight (Mw) from 5 000 to 100 000 daltons. The organic compound can include at least one primary aliphatic amine without a direct linkage of a nitrogen to an aryl group and without a functionality selected from a halogen functionality a hydroxyl functionality a sulfonic acid functionality a sulfonic acid salt functionality and combinations thereof. The disclosure also relates to alkyl imide functionalized polyimides also with aryl amine functionalized polyimides having aryl amine functionality in excess of any anhydride functionality and articles produced therefrom.

(21) Application No.2072/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONTINUOUSLY VARIABLE TRANSMISSION

(51) International classification :F16H61/02 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT/JP2011/0716 Filing Date :22/09/2011 (87) International Publication No :WO 2013/042259 (61) Patent of Addition to Application Number Filing Date :NA :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 4718571 Japan (72)Name of Inventor: 1)ARATSU Yuki 2)MURAKAMI Akira 3)OGAWA Hiroyuki 4)TOMOMATSU Daisuke
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(57) Abstract:

Provided is a traction drive type continuously variable transmission mechanism having the following: a shaft (60) which functions as the center of rotation; relatively rotatable first and second rotating members (10 20) which are disposed facing each other upon the shaft (60) and share a first rotation center axis (R1); a plurality of planetary balls (50) which have a second rotation center axis (R2) are radially disposed centered around the first rotation center axis (R1) and held by the first and second rotating members (10 20); and an iris plate (80) which changes the transmission gear ratio between an engine side input shaft (11) and a drive wheel side output shaft (21) by tilting the planetary balls (50) with respect to the first rotation center axis (R1). When an engine is started the transmission gear ratio is controlled so as to be on the increased speed side rather than the most reduced speed side.

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CAN ANNULAR COMBUSTOR WITH PREMIXED TANGENTIAL FUEL AIR NOZZLES FOR USE ON GAS TURBINE ENGINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F02C3/00 :NA :NA :NA :PCT/US2011/048622 :22/08/2011 :WO 2013/028169 :NA :NA	3)REGELE Jonathan David 4)YAMANE Ryan Sadao (72)Name of Inventor: 1)TOQAN Majed
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	2)GREGORY Brent Allan 3)REGELE Jonathan David 4)YAMANE Ryan Sadao

(57) Abstract:

A combustion device used in gas turbine engines to produce propulsion or rotate a shaft for power generation includes a can annular combustor with a system of fuel and air inlet passages and nozzles that results in an optimal combustion environment of premixed fuel and air. The fuel air inlets are placed at various longitudinal locations and circumferentially distributed and direct the flow tangentially or nearly tangent to the can liner. The combustion device provides effective mixing of fuel and air creates an environment for combustion that reduces pollutant emissions reduces the need for costly pollution control devices enhances ignition and flame stability reduces piloting issues and improves vibration reduction.

No. of Pages: 15 No. of Claims: 19

(21) Application No.2035/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : RADIOGRAPHIC SYSTEM RADIOGRAPHIC SYSTEM COMMUNICATION METHOD AND RADIOGRAPH DETECTING EQUIPMENT

(51) International classification :A61B6/00,G03B42/04 (71)Name of Applicant : (31) Priority Document No :2011204870 1)FUJIFILM Corporation (32) Priority Date Address of Applicant :26 30 Nishiazabu 2 chome Minato ku :20/09/2011 (33) Name of priority country Tokyo 1068620 Japan :Japan (86) International Application No :PCT/JP2012/073886 (72)Name of Inventor: Filing Date :19/09/2012 1)KITAGAWA Yusuke (87) International Publication No :WO 2013/042676 2)KAMIYA Takeshi (61) Patent of Addition to Application 3)KUWABARA Takeshi :NA Number 4)TAJIMA Takashi :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention performs communication in an optimal operating environment. Communication units with a relatively high baud rate are used for the communication units (80 81) that communicate between a radiation source control unit (11) and an electronic cassette (13) detected signals output from detection pixels (65) of the electronic cassette (13) or an irradiation stop signal in response to the results of comparing the integrated value of the detected signals with an irradiation stop threshold value. A communication unit which communicates wirelessly and at a lower baud rate than that for communicating detected signals or irradiation stop signals is used for the communication unit (37) that communicates image data and the like between the electronic cassette (13) and the console (14).

No. of Pages: 107 No. of Claims: 38

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PACKAGED ORAL CARE IMPLEMENT AND PACKAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B65D75/36 :NA :NA :NA :PCT/US2011/054938 :05/10/2011 :WO 2013/052046	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)BLOCH Brian 2)LEE David K. 3)SORBENTINO Alan
(87) International Publication No(61) Patent of Addition to ApplicationNumber		2)LEE David K. 3)SORRENTINO Alan 4)NGUYEN Quang
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)CARSE Paul D.

(57) Abstract:

A package (100) for an oral care implement (50) comprising a container (200) having a display portion(220) and a periphery (230) and a backing(300) attached to the container for defining an interior (210) for receiving an oral care implement. The backing further comprises a first portion (310) attached to a portion of the periphery for defining an interior of the container and a second portion attached to the display portion; wherein the second portion (330) of the backing further comprises a separable portion that facilitates separation of the first portion of the backing from the display portion and thereby facilitates access to the interior of the container.

No. of Pages: 19 No. of Claims: 22

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: VEHICLE TYRE PRESSURE CHECKING

(51) International classification	:G01L1/14,G01L17/00	(71)Name of Applicant:
(31) Priority Document No	:1114366.6	1)WHEELRIGHT LIMITED
(32) Priority Date	:22/08/2011	Address of Applicant :Begbroke Centre for Inniovation &
(33) Name of priority country	:U.K.	Enterprise Begbroke Hill Woodstock Road Begbroke Oxfordshire
(86) International Application No	:PCT/GB2012/051765	OX5 1PF U.K.
Filing Date	:23/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/027010	1)ROSE Peter Norman
(61) Patent of Addition to Application	:NA	2)TAYLOR Paul Michael
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sensor array (13) for checking the pressure of a vehicle tyre whilst being moved over the array comprises two sets (14) and (19) of aligned facing sensor members. The first set (14) of sensor members is formed by slits (15) cut into a plate of metal to form first fingers (16) connected in cantilevered fashion to a first base portion (17) which extend in the direction of intended vehicle movement to free ends(18). The second set (19) of sensor members is formed by slits (20) cut into a plate of metal to form second fingers (21) connected in cantilevered fashion to a second base portion (22) which extend in the reverse of the direction of intended vehicle movement to free ends(23). The fingers of the two sets are aligned and the free ends (18) and (23) are closely adjacent. Each finger is provided with a load sensing system (28 29) which provides an indication of the load on the finger as the tyre moves over the finger. Loads are applied to different positions along the fingers as the tyre moves over the array. The sensitivity of the array increases from a minimum for a load applied where the first fingers (16) are attached to the first base portion (17) to a maximum adjacent the free ends (18 23) of the first and second fingers (16) and (21) and then decreases to a minimum where the second fingers (21) are attached to the second base portion (22). The fingers may be replaced by series of individual sensing elements (42) arranged in groups so as to constitute sensor members whose outputs are weighted so that the sensitivity varies in a similar manner along a sensor member.

No. of Pages: 42 No. of Claims: 24

(21) Application No.1357/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POWER SYSTEM VOLTAGE STABILIZER AND STABILIZATION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant: 6-6 Marunouchi 1-chome, Chiyoda-ku Tokyo, JAPAN (72)Name of Inventor: 1)INUZUKA Tatsuki 2)KOBAYASHI Hideyuki
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(57) Abstract:

In an electrical power system provided with distributed power sources the amount of electrical generation by the distributed power sources is dependent upon weather conditions which results in fluctuations in power system voltage. Through the present invention the power system voltage can be stabilized by generating drive signals for switches provided to the power system on the basis of weather prediction information and electrical power system information and switching the configuration of the power system.

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

(22) Date of filing of Application:11/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SURGICAL INSTRUMENT WITH FLUID FILLABLE BUTTRESS

(51) International classification

(31) Priority Document No :13/232401 (32) Priority Date :14/09/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/054401

Filing Date :10/09/2012 :WO 2013/039820

(87) International Publication No (61) Patent of Addition to Application :NA

:NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

:A61B17/00,A61B17/072 (71)Name of Applicant :

1)ETHICON ENDO SURGERY INC.

(21) Application No.1851/DELNP/2014 A

Address of Applicant: 4545 Creek Road Cincinnati Ohio

45242 U.S.A.

(72)Name of Inventor:

1)BOUDREAUX Chad P. 2)BALEK Stephen J. 3)HOLCOMB Matthew D. 4)RHAD Edward A.

5)WILSON Donald F. Jr.

(57) Abstract:

(19) INDIA

An apparatus comprises a surgical instrument and a buttress configured to hold a fluid adhesive. In some versions the buttress contains a two part fluid adhesive where two fluid materials form a fluid adhesive when combined. In some versions the buttress is configured to be compressed by the surgical instrument thereby pressurizing a portion of the buttress. Thereafter the buttress may be severed and the pressurized region may be operable to urge the fluid adhesive to a tissue site.

No. of Pages: 42 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :11/03/2014

(21) Application No.1852/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR PRODUCING DITHINE TETRACARBOXIMIDES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C07D495/04 :11185002.0 :13/10/2011 :EPO :PCT/EP2012/070105	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred Nobel Str. 10 40789 Monheim Germany (72)Name of Inventor:
Filing Date (87) International Publication No	:11/10/2012 :WO 2013/053784	1)HIMMLER Thomas 2)GELLER Thomas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)RODEFELD Lars 4)VOLZ Frank
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to a novel method for producing dithiine tetracarboximides.

No. of Pages: 15 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HYDROGEN PEROXIDE VAPORIZER WITH HEATED DIFFUSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61L2/20 :13/242427 :23/09/2011 :U.S.A. :PCT/US2012/054593 :11/09/2012 :WO 2013/043409 :NA :NA :NA	(71)Name of Applicant: 1)AMERICAN STERILIZER COMPANY Address of Applicant:5960 Heisley Road Mentor OH 44060 1834 U.S.A. (72)Name of Inventor: 1)HILL Aaron Leif 2)BRUSKEVITH Ryan Anthony 3)GOUGHNOUR Jeffrey Allan
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(21) Application No.1900/DELNP/2014 A

(57) Abstract:

The present invention provides an apparatus for decontaminating a region. The apparatus includes a housing that defines a chamber therein. The housing has an inlet and an outlet that communicate with the chamber. A blower circulates a carrier gas from the region through the inlet of the housing through the chamber and out through the outlet of the housing. An atomizer introduces an atomized mist of a fluid into the carrier gas circulated through the chamber. A diffuser is disposed relative to the outlet of the chamber for redirecting said carrier gas exiting said outlet of said chamber into a predetermined direction. The diffuser includes a heating element.

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

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date: 13/03/2015

:NA

(54) Title of the invention: REVERSIBLE POLARITY OPERATION AND SWITCHING METHOD FOR ZNBR FLOW BATTERY CONNECTED TO A COMMON DC BUS

(51) International classification (31) Priority Document No :61/526146 (32) Priority Date :22/08/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/051860

Filing Date :22/08/2012 (87) International Publication No :WO 2013/028757

(61) Patent of Addition to Application Number

:NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:H02J7/00,H01M10/46 (71)Name of Applicant :

1)ZBB ENERGY CORPORATION

(21) Application No.1901/DELNP/2014 A

Address of Applicant :N93 W14475 Whittaker Way

Menomonee Falls WI 53051 U.S.A.

2)LOTTE CHEMICAL CORPORATION

(72)Name of Inventor: 1)DENNIS Kevin 2)COAD Nathan 3)LEX Peter

4)REICHARD Jeffrey A.

(57) Abstract:

An improved electrolyte battery is provided that includes a tank assembly adapted to hold an amount of an anolyte and a catholyte a number of cell stacks operably connected to the tank assembly each stack formed of a number of flow frames disposed between end caps and a number of power converters operatively connected to the cell stacks. The cell stacks are formed with a number of flow frames each including individual inlets and outlets for anolyte and catholyte fluids and a separator disposed between flow frames defining anodic and cathodic half cells between each pair of flow frames. The power converter is configured to connect the battery with either forward or reverse polarity to a DC power source such as a DC bus. The anodic and cathodic half cells switch as a function of the polarity by which the battery is connected to the Dc power source.

No. of Pages: 63 No. of Claims: 13

(21) Application No.2090/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : MOBILE DEVICE EXPOSURE DEVICE METHOD FOR PRODUCING FLAT PANEL DISPLAY AND METHOD FOR PRODUCING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01L21/027 :2011187777 :30/08/2011 :Japan :PCT/JP2012/005462 :30/08/2012 :WO 2013/031221 :NA :NA	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant: 12 1 Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan (72)Name of Inventor: 1)AOKI Yasuo
(62) Divisional to Application Number Filing Date	:NA :NA	
(FE) A1		•

(57) Abstract:

A substrate stage device (20) is provided with: an X beam (24) capable of moving in the Y axis direction; a coarse stage (26) provided on the X beam (24) capable of moving with the X beam (24) in the Y axis direction and capable of moving in the X axis direction relative to the X beam (24); a fine stage (28) for supporting a substrate (P) and when guided by the coarse stage (26) moving in the direction of the X axis and/or the Y axis; and a pair of step guides (30) that are respectively positioned on the +Y side and the Y side of the X beam (24) support the +Y side and the Y side regions of the fine stage (28) from below and are capable of moving with the fine stage (28) in the Y axis direction.

No. of Pages: 30 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BIOSENSOR WITH ERROR COMPENSATION

(51) International :A61K9/19,A61K31/198,A61K47/26

classification .AOTK 9/19, AOTK 31/198 (31) Priority Document No :61/537145

(31) Priority Document No :61/53/145 (32) Priority Date :21/09/2011 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/US2012/056280

Filing Date :20/09/2012

(87) International Publication No :WO 2013/043839

(61) Patent of Addition to
Application Number
Filing Date

(22) Principle of Addition to SNA

Filing Date
(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)BAYER HEALTHCARE LLC

(21) Application No.1942/DELNP/2014 A

Address of Applicant :555 White Plains Road Tarrytown New

York 10591 U.S.A. (72)Name of Inventor: 1)WU Huan Ping

(57) Abstract:

A biosensor system determines analyte concentration from an output signal generated from a light identifiable species or a redox reaction of the analyte. Such biosensor can for instance determine glucose concentration in blood. The biosensor system compensates at least 50% of the total error in the output signal with a primary function and may compensate a portion of the residual error with at least one residual function. A function based on segemented signal processing (SSP) may serve as the primary function first residual function or second residual function. Preferably when the SSP function serves as the first residual function the SSP function compensates at least 50% of the residual error remaining after primary compensation. Preferably when the SSP function serves as the second residual function the SSP function compensates at least 50% of the residual error remaining after primary and first residual compensation. The error compensation provided by the primary first residual and second residual functions may be adjusted with function weighing coefficients.

No. of Pages: 100 No. of Claims: 58

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: OPTICAL SIGNAL PROCESSING DEVICE AND OPTICAL SIGNAL PROCESSING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H03F3/08 :2011208714 :26/09/2011 :Japan :PCT/JP2011/007233 :22/12/2011 :WO 2013/046284 :NA :NA :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)SUZUKI Yasuyuki
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(21) Application No.1995/DELNP/2014 A

(57) Abstract:

This optical hybrid (100) generates a first optical signal by causing local light to interfere at a first phase difference with a received optical signal which has been received externally. Furthermore the optical hybrid (100) generates a second optical signal by causing the local light to interfere with the received optical signal at a second phase difference which is offset from the first phase difference by p. Two photoelectric conversion elements (150) each perform photoelectric conversion upon the first optical signal and the second optical signal in order to generate a first electrical signal and a second electrical signal respectively. A differential trans impedance amplifier (200) is provided with a direct current component correction unit (210) a trans impedance circuit (240) and a variable gain amplifier (250). The direct current component correction unit (210) reduces the difference between the magnitude of the direct current component of the first electrical signal and the magnitude of the direct current component of the second electrical signal.

No. of Pages: 70 No. of Claims: 21

(21) Application No.1996/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INDUSTRIAL WATER PURIFICATION AND DESALINATION

:NA

(51) International classification :C02F1/04,C02F1/52,C02F1/66 (71)Name of Applicant : 1)SYLVAN SOURCE INC. (31) Priority Document No :61/532766 Address of Applicant :1555 Industrial Road San Carlos (32) Priority Date :09/09/2011 (33) Name of priority country California 94070 U.S.A. :U.S.A. (86) International Application No: PCT/US2012/054221 (72)Name of Inventor: Filing Date :07/09/2012 1)THIERS Eugene (87) International Publication No :WO 2013/036804 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

This invention relates to the field of water purification and desalination. In particular embodiments of the invention relate to systems and methods of removing essentially all of a broad spectrum of impurities from water in an automated industrial process that requires minimal cleaning or maintenance during the course of several months to several years with relatively high yields of product water per unit of input water flexibility with respect to energy sources compact design with a low industrial footprint the ability to recover valuable by products and ultra low energy requirements.

No. of Pages: 49 No. of Claims: 65

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BROAD SPECTRUM ANTIMICROBIAL COMPOSITIONS BASED ON COMBINATIONS OF TAUROLIDINE AND PROTAMINE AND MEDICAL DEVICES CONTAINING SUCH COMPOSITIONS

:A61K38/16,A61K31/549 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/248290 (32) Priority Date :29/09/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/057258 Filing Date :26/09/2012

(87) International Publication No :WO 2013/049149

:NA

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA 1)ETHICON INC.

(21) Application No.2092/DELNP/2014 A

Address of Applicant : P.O. Box 151 U.S. Route 22 Somerville

New Jersey 08876 U.S.A. (72)Name of Inventor: 1)PRIEWE Joerg 2)MING Xintian

(57) Abstract:

Filing Date

Novel antimicrobial compositions and coatings are disclosed. The antimicrobial compositions consist of mixtures of taurolidine and protamine including protamine salts. The antimicrobial compositions are particularly useful in coatings for implantable medical devices. The antimicrobial compositions are effective against a broad spectrum of microbes.

No. of Pages: 41 No. of Claims: 80

(21) Application No.2013/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TRANSFERRIN TUMSTATIN FUSION PROTEIN AND METHODS FOR PRODUCING AND USING THE SAME

(51) International :C07K19/00,C12N15/62,C12N15/63

classification

(31) Priority Document No :61/524508 (32) Priority Date :17/08/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/051013

Application No :15/08/2012 Filing Date

(87) International Publication :WO 2013/025846

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)THE REGENTS OF THE UNIVERSITY OF

COLORADO A BODY CORPORATE

Address of Applicant :1800 Grant Street 8th Floor Denver CO

80203 U.S.A.

(72)Name of Inventor:

1)KOMPELLA Uday B. 2) SCHEINMAN Robert I.

3)TYAGI Puneet

(57) Abstract:

The present invention provides recombinant proteins comprising transferrin that is linked to tumstatin or other antiangiogenic protein and methods for producing and using the same. The present invention also provides an expression system, a plasmid, and a cell that is capable of expressing such recombinant proteins and methods for producing and using the same.

No. of Pages: 39 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :19/03/2014

(21) Application No.2059/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: DYNAMIC SURGICAL FLUID SENSING

(51) International classification :A61B17/32,A61M1/00 (71)Name of Applicant : 1)SMITH & NEPHEW INC. (31) Priority Document No :13/242370 (32) Priority Date :23/09/2011 Address of Applicant: 1450 Brooks Road Memphis TN 38116 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/055391 (72)Name of Inventor: Filing Date :14/09/2012 1)SMITH Todd Edward

:WO 2013/043486

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

(87) International Publication No

(57) Abstract:

A dynamic sensing method and apparatus employs microelectromechanical systems (MEMS) and nanoelectromechanical (NEMS) surgical sensors for gathering and reporting surgical parameters of fluid flow and other characteristics of the surgical field. A medical device employs or affixes the surgical sensor in a fluid flow path of the fluids transferred during the surgical procedure. The surgical procedure disposes the medical device in the surgical field responsive to the fluid flow such as in a cannula or other endoscopic instrument inserted in a surgical void defined or utilized by the surgical procedure. The reduced size of the surgical sensor allows nonintrusive placement in the surgical field such that the sensor does not interfere with or adversely affect the flow of the fluid it is intended to measure. The reduced size is also favorable to manufacturing costs and waste for single use and disposable instruments which are discarded after usage on a patient.

No. of Pages: 26 No. of Claims: 20

(21) Application No.2108/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RFID REMOTE ANTENNA SECURITY SYSTEM

(51) International classification :G06K19/077,G06K17/00 (71)Name of Applicant :

(31) Priority Document No :13/216589 (32) Priority Date :24/08/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/044106

Filing Date :26/06/2012

(87) International Publication No :WO 2013/028257

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)IDENTITY STRONGHOLD LLC

Address of Applicant :517 Paul Morris Drive Suite C4 2

Englewood Florida 34223 U.S.A.

(72)Name of Inventor:

1)AUGUSTINOWICZ Walt

(57) Abstract:

An RFID remote antenna security system for preventing unauthorized reading of RFID cards. The RFID remote antenna security system generally includes a remote unit that is attached to or near a conventional RFID reader. The remote unit includes at least one remote contact in communication with a remote antenna. A carrier member is provided that includes at least one contact and an RFID chip that is in communication with the at least one contact. When the contact of the carrier member is physically connected to the remote contact of the remote unit the radio waves received by the remote antenna are communicated to the RFID chip and the RFID chip transmits radio waves including data from the remote antenna for reading by the RFID reader.

No. of Pages: 23 No. of Claims: 20

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BULKHEAD ASSEMBLY FOR VHP UNIT WITH REMOVABLE DIFFUSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61L2/00 :61/540052 :28/09/2011 :U.S.A. :PCT/US2012/057455 :27/09/2012 :WO 2013/049284	(71)Name of Applicant: 1)AMERICAN STERILIZER COMPANY Address of Applicant:5960 Heisley Road Mentor OH 44060 1834 U.S.A. (72)Name of Inventor: 1)HILL Aaron L. 2)BRUSKEVITH Ryan A.
Filing Date	:27/09/2012	1)HILL Aaron L.
(87) International Publication No (61) Patent of Addition to Application		2)BRUSKEVITH Ryan A. 3)LOGUE Leslie M.
Number Filing Date	:NA :NA	4)WARREN William D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system for decontaminating an enclosure that defines a region. The system includes a decontamination unit for generating a vaporized sterilant. The decontamination unit includes a housing that defines a chamber therein. An inlet and an outlet of the housing fluidly communicate with the chamber. A bulkhead assembly connects the decontamination unit to the enclosure. The bulkhead assembly includes a barrier assembly for sealing an opening of the enclosure. The membrane traverses the opening of the enclosure. A first port and a second port allow the carrier gas to flow through the membrane. A frame assembly seals the barrier assembly into the opening of the enclosure. An outlet conduit defines a flow path for conveying the carrier gas from the decontamination unit to the region of the enclosure. A return conduit defines a flow path for conveying the carrier gas from the enclosure to the decontamination unit.

No. of Pages: 29 No. of Claims: 20

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HIGH VISCOSITY TFF DEVICE DESIGN

(51) International :B01D63/08,B01D69/00,B01D39/08 classification

(31) Priority Document No :61/568882 (32) Priority Date :09/12/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/068755

Application No :10/12/2012 Filing Date

(87) International Publication :WO 2013/086498

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)EMD MILLIPORE CORPORATION

(21) Application No.2027/DELNP/2014 A

Address of Applicant :290 Concord Road Billerica MA 01821

(72)Name of Inventor:

1)NGAN Clifton

2)ZOU Yu

3)HILLIER Brian

4)BARTLETT Andrew

(57) Abstract:

(19) INDIA

A device for the tangential filtration of liquids at high viscosities is taught. For a given channel length and width (relatively fixed by the cassette design) one can decrease the channel pressure drop by increasing the channel height or reducing the channel hydraulic resistance. One can increase the channel height by using a larger diameter fiber in the screen by increasing the thickness of the molded border or nm on the overmolded screen or by using a thicker nonwoven as a spacer in a non overmolded screen. Since the screen is embossed into the surface of the membrane: the effective channel height Is also affected by the hardness of the membrane as well as the fibers In the screen.

No. of Pages: 30 No. of Claims: 12

(21) Application No.2028/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: STEEL SHEET HAVING HOT DIP GALVANIZED LAYER AND EXHIBITING SUPERIOR PLATING WETTABILITY AND PLATING ADHESION AND PRODUCTION METHOD THEREFOR

(51) International classification: C23C2/06,C22C18/00,C22C38/00 (71) Name of Applicant:

:28/09/2012

:WO 2013/047804

(31) Priority Document No :2011217144 (32) Priority Date :30/09/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/075189

Filing Date (87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72)Name of Inventor: 1)FUJITA Soshi

2)YAMANAKA Shintaro

3)SATO Koichi

(57) Abstract:

Provided are a steel sheet that has a hot dip galvanized layer and that exhibits superior plating wettability and plating adhesion and a production method therefor. A steel sheet containing readily oxidizable elements including Si and Mn is used as a base material. The hot dip galvanized steel sheet has a hot dip galvanized layer (A) on the surface of the steel sheet and is characterized by having a (B) layer that is directly under the surface of and inside of the steel sheet. The (B) layer has a thickness of 0.001 µm to 0.5 µm. By mass the (B) layer contains 50 mass% or more of unoxidized Fe less than 50 mass% total of one or more oxides of Fe Si Mn P S and/or Al and contains unoxidized C Si Mn P S and/or Al in the following quantities: less than 0.05 mass% of C: less than 0.1 mass% of Si; less than 0.5 mass% of Mn; less than 0.001 mass% of P; less than 0.001 mass% of S; and less than 0.005 mass% of Al.

No. of Pages: 68 No. of Claims: 4

:NA

:NA

(21) Application No.2029/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : FINE FIBERS MADE FROM POLYMER CROSSLINKED WITH RESINOUS ALDEHYDE COMPOSITION

(51) International classification :D01F6/90,D01F8/12,D01F8/16 (71)Name of Applicant : (31) Priority Document No 1)DONALDSON COMPANY INC. :61/537171 (32) Priority Date Address of Applicant: 1400 West 94th Street P.O. Box 1299 :21/09/2011 Minneapolis MN 55440 1299 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/056511 (72)Name of Inventor: 1)SHENOY Suresh L. Filing Date :21/09/2012 (87) International Publication No :WO 2013/043987 2) CHUNG Hoo Young (61) Patent of Addition to 3)WEIK Thomas M. :NA Application Number :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

A fine fiber can be made having a structure with an axial core and a coating layer. The fiber can have a polymer core and one or two layers surrounding the core. The fine fiber can be made from a polymer material and a resinous aldehyde (e.g. melamine aldehyde) composition such that the general structure of the fiber has a polymer core surrounded by at least a layer of the resinous aldehyde composition.

No. of Pages: 69 No. of Claims: 30

(21) Application No.2111/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: STEAM PURIFICATION OF POLYIMIDE RESINS

(51) International classification	:C08G73/10	(71)Name of Applicant :
(31) Priority Document No	:13/286161	1)SABIC INNOVATIVE PLASTICS IP B.V.
(32) Priority Date	:31/10/2011	Address of Applicant :Plasticslaan 1 NL 4612PX Bergen Op
(33) Name of priority country	:U.S.A.	Zoom Netherlands
(86) International Application No	:PCT/US2012/062368	(72)Name of Inventor:
Filing Date	:29/10/2012	1)LOWERY Daniel Francis
(87) International Publication No	:WO 2013/066791	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The disclosure relates to a steam stripping process for producing purified polyimides e.g. polyetherimide homopolymers and polyetherimide copolymers. The process can include contacting an initial polyimide with steam to remove a volatile species from the initial polyimide to produce a purified polyimide. The purified polyimide can have a weight average molecular weight of from 5 000 to 80 000 Daltons. The weight average molecular weight of the purified polyimide can be greater than or equal to 90% of the weight average molecular weight of the initial polyimide. The purified polyimide can have less than 44 ppm of a volatile species having a molecular weight of less than 250 Daltons. The polyimide can have less than 10 ppm of a metal cation.

No. of Pages: 34 No. of Claims: 29

(19) INDIA

(22) Date of filing of Application :20/03/2014

(21) Application No.2113/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: RETAINER HAVING AT LEAST ONE ELECTRODE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01N3/01 :10 2011 115 228.1 :28/09/2011 :Germany :PCT/EP2012/067359 :06/09/2012 :WO 2013/045248 :NA :NA :NA	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH Address of Applicant: Hauptstrae 128 53797 Lohmar Germany (72)Name of Inventor: 1)HODGSON Jan 2)VORSMANN Christian
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(57) Abstract:

The invention relates to a retainer (1) having at least one electrode (2) for producing electric fields in an exhaust gas line (3). The retainer (1) has a disk (4) which is made of an electrically insulating material and has an inflow side (5) and an outflow side (6) and openings (7) through which an exhaust gas can flow from the inflow side (5) to the outflow side (6) and at least one electrical conductor (8) fastened to and/or in the disk (4). The electrical conductor (8) is covered by the electrically insulating material at least on the inflow side (5) of the disk (4) and is in electrical contact with the one or more electrodes (2) extending toward the outflow side (6). As a result of the electrical conductor (8) being completely surrounded by an insulating material during operation the area that must be covered by a soot layer in order for a leakage current to be able to develop is increased. Thus the leakage length is increased wherein one or more electrodes (2) are arranged in the exhaust gas at the same time. The soot particles deposited on the retainer (1) and the exhaust gas line (3) have to be removed less often.

No. of Pages: 21 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application: 14/03/2014

(21) Application No.1986/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : MULTILAYER SYSTEMS FOR SELECTIVE REFLECTION OF ELECTROMAGNETIC RADIATION FROM THE WAVELENGTH SPECTRUM OF SUNLIGHT AND METHOD FOR PRODUCING SAME

(31) Priority Document No:10 2011 116 1(32) Priority Date:13/10/2011(33) Name of priority country:Germany	Address of Applicant :Southwallstrasse 1 01900 Grorhrsdorf Germany (72)Name of Inventor: 1)THIELSCH Roland
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(57) Abstract:

The invention relates to multilayer systems for selective reflection of electromagnetic radiation from the wavelength spectrum of sunlight and to a method for producing said systems on suitable preferably polymeric carrier materials. Such a multilayer system of the invention is formed with at least one layer composed of silver or a silver alloy which is coated over the whole area on both surfaces with in each case a seed layer and a cap layer. In this case the seed layer and cap layer are formed from dielectric material. These are ZnO and/or ZnO:X. In this case at least one such multilayer system is formed on a flexible polymeric substrate preferably a film which is optically transparent in the visible spectral range.

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

(21) Application No.1987/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR CONTINUOUS PRODUCTION OF HALOGEN FREE THERMOPLASTIC **ELASTOMER COMPOSITIONS**

(51) International classification :C08J3/24,C08J3/20,C08L23/22 (71)Name of Applicant :

(31) Priority Document No :11183163.2 (32) Priority Date :28/09/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/CA2012/000909

Filing Date :28/09/2012 (87) International Publication No :WO 2013/044370

(61) Patent of Addition to :NA Application Number

:NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)LANXESS BUTYL PTE. LTD.

Address of Applicant :3A International Business Park #07 10/18 ICON@IBP Tower B Singapore 609935 Singapore

(72)Name of Inventor: 1)SIEGERS Conrad

2)SCHENKEL Ralf Ingo

3)KRISTA Rayner

(57) Abstract:

A continuous process for the production of a dynamically vulcanized thermoplastic elastomer comprising a thermoplastic resin and a non halogenated elastomer with a multiolefin content of greater than 3.5 mol% that has been modified in situ with a carboxylic anhydride. The process provides materials with improved elongation at break and ultimate tensile strength that can be produced economically and with reduced environmental impact.

No. of Pages: 23 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application: 18/03/2014

(21) Application No.2030/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : FLUSHING DEVICE AND METHOD FOR CLEANING AN INDIVIDUAL PIPE OF THE PIPE SYSTEM OF A BOILER WALL OF A STEAM GENERATOR SAID INDIVIDUAL PIPE BRANCHING OFF FROM A HEADER PIPING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2011 053 172.6 :31/08/2011 :Germany	(71)Name of Applicant: 1)MITSUBISHI HITACHI POWER SYSTEMS EUROPE GMBH Address of Applicant: Schifferstrae 80 47059 Duisburg Germany (72)Name of Inventor: 1)BRANDENBURG Stephan 2)BUSCHMANN Michael 3)GRAF Detlef 4)WILDE Manfred 5)STEGEMANN Carsten
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(57) Abstract:

For a flushing device which is designed to be movable in a header piping (1) in order to dispense a flushing medium into an individual pipe (2) of the pipe system of a boiler or steam generator of a power plant that branches off from the header piping the aim of the invention is to provide a solution by means of which the cleaning of the individual pipes of the pipe system of a steam generator of a power plant that branch off from a header piping can be performed more simply compared to the prior art and at reduced cost. Said aim is achieved in that the flushing device has a guiding and/or driving apparatus by means of which the flushing device can be moved within the header piping (1) in a movement direction (27) at least one flushing nozzle oriented at least substantially perpendicularly or vertically to the movement direction (27) and a pressing device (12) for pressing the flushing nozzle (11) onto an opening (24) of an individual pipe (2) to be cleaned wherein the flushing nozzle (11) is or can be brought into a line connection with a high pressure pump the line connection conducting flushing medium.

No. of Pages: 32 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : THERMOSTABLE INHIBITORS OF ACTIVATION OF THE BLOOD CLOTTING SYSTEM THROUGH CONTACT WITH FOREIGN SURFACES.

(21) Application No.2079/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11178517.6 :23/08/2011	(71)Name of Applicant: 1)SYNAPSE B.V. Address of Applicant:Universiteitssingel 50 NL 6229 ER Maastricht Netherlands 2)UNIVERSITEIT MAASTRICHT (72)Name of Inventor: 1)HACKENG Tilman Mathias 2)SUIJLEN Dennis Peter Leonardo 3)HEMKER Hendrik Coenraad 4)APITZ CASTRO Rafael Jesus
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(57) Abstract:

The present invention relates to the field of blood clotting. Specifically the invention relates to particular inhibitors of artificial activation of the blood clotting process through contact with foreign surfaces.

No. of Pages: 59 No. of Claims: 15

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SURGICAL STAPLE ASSEMBLY WITH HEMOSTATIC FEATURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B17/072 :13/240074 :22/09/2011 :U.S.A. :PCT/US2012/056033 :19/09/2012 :WO 2013/043674 :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati Ohio 45242 U.S.A. (72)Name of Inventor: 1)WANG Yi Lan 2)MILLER Matthew C. 3)ZINGMAN Aron O.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

A surgical instrument includes a handle portion a shaft housing a firing bar an end effector comprising an anvil a lower jaw and a stapling and severing assembly responsive to a longitudinal closing motion produced by the handle portion and the shaft. The lower jaw is configured to receive a removable cartridge. The cartridge includes a housing a plurality of staples disposed in the housing a deck disposed over the plurality of staples and a fastener insert tip including a plurality of hooks. The deck defines apertures with each aperture being substantially disposed over each staple. The instrument includes a fastener insert including hooks and the fastener insert is removably received in the anvil. A buttress is attached to one or both of the anvil and the cartridge via the hooks.

No. of Pages: 32 No. of Claims: 20

(21) Application No.2076/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: VEHICLE FRAME AND COMPONENT DESIGN FOR EFFICIENT AND COMPACT PACKAGING

(51) International classification	:B62K15/00.B62K11/02	(71)Name of Applicant :
(31) Priority Document No	:61/526086	1)LIT SCOOTERS CORPORATION
(32) Priority Date	:22/08/2011	Address of Applicant :1086 Folsom Street San Francisco CA
(33) Name of priority country	:U.S.A.	94103 U.S.A.
(86) International Application No	:PCT/US2012/051890	(72)Name of Inventor:
Filing Date	:22/08/2012	1)KIM Daniel Kee Young
(87) International Publication No	:WO 2013/028773	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the invention describe methods apparatuses and systems related to vehicle frame and component design for efficient and compact packaging. Removable components of a scooter are formed to be able to all be placed within a void of the scooter frame so as to not affect the volume of the scooter when disassembled and packed. Thus when disassembled the volume of the packaged scooter is defined by the dimensions of its frame only.

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

(21) Application No.2077/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BIOCOMPATIBLE MATERIAL

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:C07F9/10,C07F9/572,C08F30/02 :61/530120 :01/09/2011 :U.S.A. :PCT/US2012/053372 :31/08/2012 :WO 2013/033554 :NA :NA	(71)Name of Applicant: 1)VERTELLUS SPECIALTIES INC. Address of Applicant: 201 North Illinois Street Suite 1800 Indianapolis Indiana 46204 U.S.A. (72)Name of Inventor: 1)DRIVER Michael 2)TARBIT Brian 3)GEHRE Alexander
Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract:

Monomers of formula (I) which include a vinyl group polymers and articles such as contact lenses made therefrom all of which are biocompatible are described.

No. of Pages: 83 No. of Claims: 35

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ANVIL CARTRIDGE FOR SURGICAL FASTENING DEVICE

(51) International classification :A61B17/00,A61B17/072 (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. (31) Priority Document No :13/239919 (32) Priority Date :22/09/2011 Address of Applicant :4545 Creek Road Cincinnati OH 45242 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/056051 (72)Name of Inventor: Filing Date :19/09/2012 1)BALEK Stephen J. (87) International Publication No 2)BOUDREAUX Chad P. :WO 2013/043683 (61) Patent of Addition to Application 3)HOLCOMB Matthew D. :NA 4)RHAD Edward A. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A surgical instrument includes a handle portion a shaft housing a firing bar an end effector comprising an anvil a lower jaw and a stapling and severing assembly responsive to a longitudinal closing motion produced by the handle portion and the shaft. The lower jaw is configured to receive a removable cartridge. The cartridge includes a housing a plurality of staples disposed in the housing and a deck disposed over the plurality of staples. The deck defines apertures with each aperture being substantially disposed over each staple. The instrument includes an anvil cartridge removably received in an anvil frame. The anvil cartridge is severed by the firing bar when the firing bar is advanced through tissue such that material from the anvil cartridge is released onto the severed tissue.

No. of Pages: 33 No. of Claims: 20

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DIELECTRIC THIN FILM-FORMING COMPOSITION AND METHOD OF FORMING DIELECTRIC THIN FILM USING THE SAME

(51) Intermediated allowification	.C00D5/00	(71)Nome of Applicant
(51) International classification	:C09D5/00 :2013-	(71)Name of Applicant : 1)MITSUBIHSI MATERIALS CORPORATION
(31) Priority Document No	013112	Address of Applicant :3-2, OTEMACHI 1-CHOME,
(32) Priority Date		CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)FUJII, JUN
Filing Date	:NA	2)WATANABE, TOSHIAKI
(87) International Publication No	: NA	3)SAKURAI, HIDEAKI
(61) Patent of Addition to Application Number	:NA	4)SOYAMA, NOBUYUKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a thin film capacitor or the like, a dielectric thin film-forming composition capable of improving leakage current characteristics; and a method of forming a dielectric thin film using this composition are provided. Regarding a dielectric thin film-forming composition for forming a dielectric thin film, the dielectric thin film is formed of a barium strontium titanate (BST)-based 10 complex perovskite film, and the composition is doped with aluminum (Al). In addition, a doping amount of the aluminum (Al) is in a range of 0.1 at% to 15 at% with respect to 100 at% of perovskite A site atoms contained in the composition.

No. of Pages: 29 No. of Claims: 11

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SURGICAL STAPLING DEVICE WITH ADJUNCT MATERIAL APPLICATION FEATURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/00,A61B17/072 :13/242164 :23/09/2011 :U.S.A. :PCT/US2012/056066 :19/09/2012 :WO 2013/043694 :NA :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati Ohio 45242 U.S.A. (72)Name of Inventor: 1)BALEK Stephen J. 2)BOUDREAUX Chad P. 3)HOLCOMB Matthew D. 4)LYTLE Thomas W. IV 5)MILLER Matthew C. 6)SCHEIB Charles J. 7)SMITH Bret W. 8)WANG Yi Lan 9)WILSON Donald F. Jr. 10)RHAD Edward A. 11)MODI Kreena R. 12)ZAVATSKY Joseph 13)ZINGMAN Aron O.
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(57) Abstract:

A surgical instrument includes a handle portion a shaft housing a firing bar an end effector comprising an anvil a lower jaw and a stapling and severing assembly responsive to a longitudinal closing motion produced by the handle portion and the shaft. The lower jaw is configured to receive a removable cartridge. The cartridge includes a housing a plurality of staples disposed in the housing and a deck disposed over the plurality of staples. The deck defines apertures with each aperture being substantially disposed over each staple. The cartridge further includes an agent. The firing bar is operable to assist with releasing the agent onto a severed line of tissue when the firing bar is advanced.

No. of Pages: 37 No. of Claims: 20

(21) Application No.134/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONDITION OF ASSEMBLY VISUALIZATION SYSTEM BASED ON BUILD CYCLES

(51) International classification(31) Priority Document No	:G06F :13/835,262	
(32) Priority Date (33) Name of priority country	:15/03/2013 :U.S.A.	Address of Applicant :100 NORTH RIVERSIDE PLAZA, CHICAGO, IL 60606-2016, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHRISTOPHER SENESAC
(87) International Publication No	: NA	2)DAVID JOSEPH KASIK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and apparatus for identifying a condition of assembly (606) of an aircraft (104). A current state of assembly of the aircraft (104) is identified. Parts (608) present in the aircraft (104) for the current state of assembly (606) of the aircraft (104) are identified. The parts (608) present in the aircraft (104) for the current state of assembly (606) of the aircraft (104) are displayed in a graphical user interface (208) on a display device.

No. of Pages: 81 No. of Claims: 15

(21) Application No.195/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONTACT LENS HAVING PERIPHERAL HIGH MODULUS ZONES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		(71)Name of Applicant: 1)JOHNSON & JOHNSON VISION CARE, INC. Address of Applicant: 7500 CENTURION PARKWAY, JACKSONVILLE, FLORIDA 32256, U.S.A. (72)Name of Inventor: 1)JONATHAN HANSEN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

Soft contact lens having regions of a material forming one or more higher modulus of elasticity zones in the peripheral-region of the lenses add 5 stiffness to the contact lenses. This increased stiffness in different zones or regions enable the contact lens to be more easily handled and make it less likely to fold in on itself.

No. of Pages: 20 No. of Claims: 9

(21) Application No.20/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF A LAYERED BODY AND LAYERED BODIES WITHOUT MASKING OBTAINABLE THEREFROM

(51) International classification: G03F7/039,G03F7/09,H01L51/00 (71)Name of Applicant: (31) Priority Document No 1)HERAEUS PRECIOUS METALS GMBH & CO. KG :10 2011 107 459.0 (32) Priority Date Address of Applicant : Heraeusstrae 12 14 63450 Hanau :08/07/2011 (33) Name of priority country Germany :Germany (86) International Application (72)Name of Inventor: :PCT/EP2012/002841 1)GUNTERMANN Udo :06/07/2012 Filing Date 2)GAISER Detlef (87) International Publication 3)GRASSE Myriam :WO 2013/007363 No 4)ISHIKAWA Akio (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A PROCESS FOR THE PRODUCTION OF A LAYERED BODY S2 (1) COMPRISING THE PROCESS STEPS: I) PROVISION OF A LAYERED BODY S1 (2) COMPRISING A SUBSTRATE (3) AND AN ELECTRICALLY CONDUCTIVE LAYER (4) WHICH IS APPLIED TO THE SUBSTRATE (3) AND COMPRISES AN ELECTRICALLY CONDUCTIVE POLYMER P1; II) BRINGING OF AT LEAST A FIRST REGION D (7) OF THE ELECTRICALLY CONDUCTIVE LAYER (4) INTO CONTACT WITH A COMPOSITION Z1 FOR REDUCTION OF THE ELECTRICAL CONDUCTIVITY OF THIS FIRST REGION D (7) WHEREIN THE ELECTRICALLY CONDUCTIVE LAYER (4) HAS A TEMPERATURE IN A RANGE OF FROM MORE THAN 40 TO 100 °C DURING THE BRINGING INTO CONTACT.

No. of Pages: 54 No. of Claims: 28

(21) Application No.2095/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: NEGATIVE PRESSURE INTESTINAL ANASTOMOSIS PROTECTION DEVICES

(51) International classification :A61F2/88,A61F2/82,A61F2/04 (71)Name of Applicant : (31) Priority Document No 1)ETHICON INC. :13/246924 (32) Priority Date Address of Applicant :P.O. Box 151 U.S. Route 22 Somerville :28/09/2011 NJ 08876 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/057252 Filing Date :26/09/2012 1)ROUSSEAU Robert Anthony (87) International Publication No :WO 2013/049145 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A device is disclosed that provides for the protection of intestinal anastomosis sites and other body sites from bodily fluids and contaminants. Additionally the device provides the ability to create negative pressure at the site of the obstruction to ensure that contaminants flow from the visceral compartment into the inner lumen of the bowel. Further the device provides the sectional forces through natural constrictions of the intestinal muscles through peristaltic action.

No. of Pages: 34 No. of Claims: 47

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SELF ASSEMBLED NANO STRUCTURE PARTICLE AND METHOD FOR PREPARING

(51) International classification	:A61K9/14	(71)Name of Applicant :
(31) Priority Document No	:61/538175	1)EMERALD HILTON DAVIS LLC
(32) Priority Date	:23/09/2011	Address of Applicant :2235 Langdon Farm Road Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45237 U.S.A.
(86) International Application No	:PCT/US2012/056597	(72)Name of Inventor:
Filing Date	:21/09/2012	1)DUNCAN Gregory D.
(87) International Publication No	:WO 2013/044045	2)HENRY Kevin M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KERN Joseph D.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Novel nano structured particles are formed by introducing a selected solid of interest into a structured fluid matrix formed by a dispersion of a small molecule host vessel such as a native or modified polysaccharide cavitand simple sugar simple polyol or other similarly structured molecule known to be useful as a host vessel in an acidic medium or other solvent whereby the particle size of the introduced solid is reduced and or limited by incorporation into the host vessel. The simple one step mixing process results in stabilized colloidal dispersions of the nanoparticles useful in a wide variety of applications.

No. of Pages: 36 No. of Claims: 19

(21) Application No.2142/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE AND METHOD FOR DISPENSING LOOSE SOLID MATERIAL

(51) International

:B05C19/04,B05C19/06,B28B11/04

classification

:RE2011A000073

(31) Priority Document No

:26/09/2011

(32) Priority Date (33) Name of priority country: Italy

(86) International Application :PCT/IB2012/001787

No

:13/09/2012

Filing Date

(87) International Publication: WO 2013/045989

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SACMI COOPERATIVA MECCANICI IMOLA

SOCIETA COOPERATIVA

Address of Applicant: 17/A Via Selice Provinciale I 40026

Imola (Bologna) Italy

(72)Name of Inventor:

1)BOSI Gildo

2)VALLI Silvano

3)SCARDOVI Stefano

(57) Abstract:

A device (100) for dispensing a loose solid material (P) comprising a plurality of vibrating elements (210) arranged flanked to one another such as to restingly support the material (P) each of which is associated to a piezoelectric means (220) suitable for converting an electrical excitation signal into a mechanical vibration which can cause a fall of material (P) from the vibrating elements (210) and heating means (240 245) for heating the vibrating elements (210).

No. of Pages: 25 No. of Claims: 14

(21) Application No.2087/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FLUID LOSS ADDITIVES AND METHODS OF MAKING AND USING SAME

(51) International :C09K8/32,C09K8/502,C09K8/588 classification

(31) Priority Document No :13/248715 (32) Priority Date :29/09/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/052674

No

:28/08/2012 Filing Date

(87) International Publication

:WO 2013/048653 No (61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1) CHEVRON PHILLIPS CHEMICAL COMPANY LP

Address of Applicant: 10001 Six Pines Drive The Woodlands

Texas 77380 U.S.A. (72)Name of Inventor: 1)HARRIS Jeffery R.

2) EVANS Frank E.

(57) Abstract:

A non aqueous wellbore servicing fluid comprising a fluid loss additive wherein the fluid loss additive comprises the reaction product of (i) a functional polymer and (ii) an oligomerized fatty acid. A method of conducting an oil field operation comprising placing a non aqueous wellbore servicing fluid downhole wherein the non aqueous wellbore servicing fluid comprises a fluid loss additive comprising the reaction product of (i) a functional polymer and (ii) an oligomerized fatty acid.

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CUTTING GUIDE FOR GENERATING AN OUTER CONTOUR FOR A JOINT ENDOPROSTHESIS

(51) Intermetional alequification	. A C1D17/15	(71)Nome of Ameliant.
(51) International classification	:A61B17/15	(71)Name of Applicant:
(31) Priority Document No	:11178804.8	1)WALDEMAR LINK GMBH & CO. KG
(32) Priority Date	:25/08/2011	Address of Applicant :Barkhausenweg 10 22339 Hamburg
(22) Name of priority country	:EUROPEAN	Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/066517	1)DMUSCHEWSKY Klaus
Filing Date	:24/08/2012	
(87) International Publication No	:WO 2013/026926	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cutting guide (1) with a sagittal guide plate (10) is made available for generating an outer contour on a bone in order to apply a joint endoprosthesis (70) in particular a femoral component of a knee endoprosthesis. The cutting guide (1) according to the invention can be oriented relative to the bone and has at least two sagittal guide slits (12) for guiding a bone cutting tool wherein the sagittal guide slits (12) extend through the sagittal guide plate (10) and are arranged at an angle to each other.

No. of Pages: 35 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METAL TOOTH DETECTION AND LOCATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/08/2012 :WO 2013/033164 :NA :NA :NA	(71)Name of Applicant: 1)HARNISCHFEGER TECHNOLOGIES INC. Address of Applicant: 2751 Centerville Road Suite 342 Wilmington DE 19808 U.S.A. (72)Name of Inventor: 1)MILLER Lee
Filing Date	:NA	

(21) Application No.2089/DELNP/2014 A

(57) Abstract:

A machine tooth for heavy equipment can be monitored by coupling an RFID tag to the heavy machine tooth and positioning an RFID reader to read the RFID tag. The RFID reader provides an indication that the heavy machine tooth is separated from the heavy machine. The heavy machine tooth is configured for example to be mounted on a bucket of a heavy machine.

No. of Pages: 19 No. of Claims: 28

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: WATER INGRESS LABEL USING A DOUBLE COATING CAPSULE STRUCTURE

(51) International classification: G09F3/02,B32B27/12,B32B27/20 (71)Name of Applicant:

:1020110094448 (31) Priority Document No (32) Priority Date :20/09/2011

(33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2012/007517

No :20/09/2012 Filing Date

(87) International Publication :WO 2013/042945

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)NOE Ye Sol

Address of Applicant: B 1 Adong seoiin house Dogok ro 14

gil Gangnam gu Seoul 135 858 Republic of Korea

(72)Name of Inventor:

1)NOE Ye Sol

(57) Abstract:

The present invention relates to a water ingress label using a double coating capsule structure. The invention comprises: a water absorbent layer which is formed from any one of paper synthetic paper nonwoven fabric synthetic nonwoven fabric Korean paper or an absorbent coating for absorbing water; an ink layer which is formed by being printed onto the back surface of the water absorbent layer as an ink having a double coating capsule structure comprising a colourant selected from any one or a plurality of water soluble dyes pigments metallic silica metallic oxides and mica together with a hydrophilic/water absorbing halogen free resin; and an ink barrier layer having a damp proofing and water proofing function which is formed on the back surface of the ink layer and prevents leaking into the back surface of the ink layer of the colourant selected from any one or a plurality of water soluble dyes pigments metallic silica metallic oxides and mica. The present invention has strong humidity resistance due to the ink barrier layer and water repellent layers on both surfaces and a crosslinking agent and the extent of crosslinking and adjustment of the thickness and the physical properties of the resin in the ink having the double coating capsule structure; and in contrast to existing colour changes two different colour changes are made possible and thus the present invention provides the advantage that it is even possible to accurately check whether water ingress has taken place over a narrow area.

No. of Pages: 20 No. of Claims: 16

(22) Date of filing of Application :14/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: WIPER DEVICE WITH AT LEAST ONE WIPER ARM AND WITH AT LEAST ONE NOZZLE **ELEMENT**

(21) Application No.2000/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B60S1/52 :102011086780.5 :22/11/2011 :Germany :PCT/EP2012/068719 :24/09/2012 :WO 2013/075860 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)WOLFGARTEN Sven 2)RAPP Harald
(61) Patent of Addition to Application	:NA	2)RAPP Harald
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

The invention is based on a wiper device with at least one wiper arm (10a; 10b; 10c) and with at least one nozzle element (12a; 12b 14b; 12c) which is provided for spraying wiping water. It is proposed that the at least one nozzle element (12a; 12b 14b; 12c) is directly connected in a low position to the wiper arm (10a; 10b; 10c).

No. of Pages: 21 No. of Claims: 11

(21) Application No.2001/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:15/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FLUID TREATMENT APPARATUS SYSTEM AND METHODS

(51) International classification:B01D21/28,B01D21/24,C02F1/52 (71)Name of Applicant:

(31) Priority Document No :13/234019 (32) Priority Date :15/09/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/055665

No :15/09/2012 Filing Date

(87) International Publication :WO 2013/040521

(61) Patent of Addition to :NA **Application Number** Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

:NA

(57) Abstract:

1)STORM DRAIN TECHNOLOGIES LLC

Address of Applicant: 1602 Lawrence Avenue Suite 109

Ocean New Jersey 07712 U.S.A.

(72)Name of Inventor:

1)HANNEMANN William Robert

2)COHEN Albert Mayer 3)CREECH James

4)HANNEMANN Michael

container directs the flow of the inlet fluid and promotes sedimentation from the fluid. The inlet fluid flows under the wall and up to a discharge pipe equipped with a vent. Multiple sedimentation units are connected together in series and mounted on a trailer for transport to a construction site. A storm water treatment unit is similarly constructed to separate debris from a flow of storm water.

A portable fluid treatment apparatus that includes a container with an interior wall between the inlet pipe and the outlet pipe which defines a bottom space between the bottom of the wall and the bottom interior surface of the container. A series of collectors in the

No. of Pages: 48 No. of Claims: 21

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD FOR THE CLOSED CELL EXPANSION OF MINERAL MATERIAL

	n:C04B20/06,F27B1/00,C04B38/00	
(31) Priority Document No	:GM 555/2011	1)BINDER + CO AG
(32) Priority Date	:10/10/2011	Address of Applicant :Grazer Strasse 19 25 A 8200 Gleisdorf
(33) Name of priority country	:Austria	Austria
(86) International Application	:PCT/EP2012/069653	(72)Name of Inventor:
No	:04/10/2012	1)BRUNNMAIR Ernst Erwin
Filing Date	:04/10/2012	
(87) International Publication	:WO 2013/053635	
No	. 11 6 2013/ 033033	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	NIA	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing an expanded granulate from sand grain shaped material (1) using a propellant; the material (1) is fed into an upright furnace (2) and falls along a drop section (4) though multiple heating zones (5) in an furnace shaft (3) of the furnace (2) each said heating zone (5) being heatable using at least one independently controllable heating element (6); and the material (1) is heated to a critical temperature at which the surfaces (7) of the sand grains (15) plasticize and the sand grains are expanded on the basis of the propellant. According to the invention if a first temperature drop of the material (1) is detected between two successive positions (9) along the drop section (4) the heating elements (6) along the remaining drop section (4) are regulated dependent on the critical temperature in order to adjust a closed surface of the expanded granulate in a controlled manner.

No. of Pages: 44 No. of Claims: 28

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : AUTHENTICATABLE COATINGS FOR PHARMACEUTICAL TABLETS AND INGESTIBLE MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Principped to Application Number 	:28/09/2012 :WO 2013/049593 :NA :NA	(71)Name of Applicant: 1)SPECTRA SYSTEMS CORPORATION Address of Applicant: 321 South Main Street Providence RI 02903 U.S.A. (72)Name of Inventor: 1)LAWANDY Nabil M. Lawandy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An authenticable and machine readable coating for pills tablets and other ingestible materials is provided. The disclosure also relates to methods of authenticating the same. The coatings are formed from a lattice of particles stacked to cause selective diffraction such that each pill or tablet has an optical signature. The signature associated with each coating can be read and authenticated. In one embodiment the particles are substantially spherical and self organized. In one embodiment generally recognized as safe (GRAS) materials are used to form the particles.

No. of Pages: 20 No. of Claims: 9

(21) Application No.2147/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE AND METHOD FOR PROCESSING A LAYER OF POWDER MATERIAL

(51) International classification :B28B3/12,B28B13/02,B30B5/06 (71)Name of Applicant: (31) Priority Document No :RE2011A000081 (32) Priority Date :07/10/2011

(33) Name of priority country :Italy (86) International Application

:PCT/IB2012/001783 No :12/09/2012

Filing Date (87) International Publication

:WO 2013/050845

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)SACMI COOPERATIVA MECCANICI IMOLA

SOCIETA COOPERATIVA

Address of Applicant: 17/A Via Selice Provinciale I 40026

Imola BO Italy

(72)Name of Inventor: 1)SALIERI Marco 2)VALLI Silvano

3)BABINI Alan

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

(57) Abstract:

A device (100) for processing a layer (M) of powder material comprising a slidable transport surface (106) adapted to support and advance the layer (M) of powder material a compacting station (115) adapted to compact the layer (M) of powder material while it advances on the transport surface (106) and means (200) for trimming the lateral edges of the layer (M) of powder material upstream of the compacting station (115).

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: COMESTIBLE ANIMAL CHEW AND PLAY TOY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/09/2012 :WO 2013/043364 :NA :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Avenue Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)DIXON Dan K.
Filing Date	:NA :NA	

(21) Application No.2093/DELNP/2014 A

(57) Abstract:

The invention provides a comestible animal chew and play toy having a unique shape that engages an animal in play before and during consumption. In one aspect the invention provides a comestible animal chew and play toy made from an edible composition having a helical shape. The edible composition of the comestible animal chew and play toy can be an extruded pet food composition. The edible composition can further include a filling that can be co extruded with the edible composition and formed into a helical shape.

No. of Pages: 24 No. of Claims: 38

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DETECTION OF FRAUD FOR ACCESS CONTROL SYSTEM OF BIOMETRIC TYPE

(51) International classification	:G06K9/00,G06T7/00	(71)Name of Applicant:
(31) Priority Document No	:1157764	1)MORPHO
(32) Priority Date	:01/09/2011	Address of Applicant :11 boulevard Gallieni F 92130 Issy les
(33) Name of priority country	:France	Moulineaux France
(86) International Application No	:PCT/EP2012/066919	(72)Name of Inventor:
Filing Date	:30/08/2012	1)BRANGOULO Sbastien
(87) International Publication No	:WO 2013/030309	2)FEDUSAC Thomas
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method of detecting fraud for an access control system using biometric recognition comprising the steps consisting in: taking at least two images (S2) of a face presented to the access control system by an individual (I) according to at least two positions of the individual in front of the access control system or two angles of picture taking of the individual processing these two images to determine a score representative of the flatness of the face appearing on the images and as a function of this flatness score detecting a possible fraud on the part of the individual said detection conditioning the implementation of an identification processing of the individual by the access control system. The invention also relates to an access control system implementing said method.

No. of Pages: 24 No. of Claims: 4

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CONTROL SYSTEM FOR OZONE STERILIZATION IN MULTIPLE COMPACT CHAMBERS

(51) International classification: A61L2/20, A61L101/10, A61L2/24 (71) Name of Applicant: (31) Priority Document No :13/217450 (32) Priority Date :25/08/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/IB2012/054237

No :22/08/2012 Filing Date

(87) International Publication

:WO 2013/027180

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TUTTNAUER LTD.

Address of Applicant: P.O.Box 170 99000 Beit Shemesh Israel

2)STERILION LTD. (72)Name of Inventor: 1)SHILDERMAN Yuval

2)PERETS Meni 3)PEIPER Uri 4)ALPER Yekutiel 5)MARKOVICH Meir

(57) Abstract:

A control system for multiple sterilization chambers for the sterilization of medical and other instruments interact with a common vacuum pump steam generator and ozone generator via a common controller. Instead of placing all instruments of one type in one large chamber and running one generic sterilization program followed by another such program instruments may be grouped by the type of sterilization program needed and the sterilization programs may be run using a single pump and a single ozone generator fed into multiple sterilization chambers controlled by the controller. One smaller and less expensive vacuum pump and ozone generator may be sufficient to sterilize large amounts of medical equipment present in the total assembly of chambers. The controller may run sterilization programs in parallel fully or overlapping partially in time. Control valves governing flow passage of air steam and ozone in and out of the chambers are also controlled by the controller.

No. of Pages: 26 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DRILL STRING TUBULAR COMPONENT

(51) International classification :E21B17/22,E21B17/10 (71)Name of Applicant :

(31) Priority Document No :1115459.8 (32) Priority Date :07/09/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/052200 Filing Date :07/09/2012

(87) International Publication No :WO 2013/034919

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)OILSCO TECHNOLOGIES LIMITED

Address of Applicant :Riverside House Riverside Drive

Aberdeen Aberdeenshire AB11 7LH U.K.

(21) Application No.2146/DELNP/2014 A

(72)Name of Inventor: 1)MACHOCKI Krzysztof

(57) Abstract:

A drill string tubular component for use in an oil or gas well in the form of a tubular having a central bore and a mechanism for mobilising drill cuttings comprising at least one radial impeller (30) configured to apply radial thrust cuttings passing it the radial impeller being located between first and second axial impellers (10 20) configured to apply axial thrust to the fluids in opposite directions. Typically helical components of the first and second axial impellers extend in respective opposite directions typically toward the radial impeller. Fluids are thus diverted radially away from the outer surface of the tubular component and thereby enter a more turbulent region of the annulus there reducing the tendency of the drill cuttings to settle out of suspension.

No. of Pages: 36 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :19/03/2014

(21) Application No.2054/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ATTACHMENT DEVICE TO ATTACH TISSUE GRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61F2/08 :13/248635 :29/09/2011 :U.S.A. :PCT/US2012/057731 :28/09/2012 :WO 2013/049453 :NA	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant:1450 Brooks Road Memphis Tennessee 38116 U.S.A. (72)Name of Inventor: 1)FERRAGAMO Michael Charles 2)WYMAN Jeffrey
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A tissue graft attachment device includes a platform member including a leading edge and a trailing edge connected to the leading edge by a pair of sides. The platform member defines a pair of slots extending along a longitudinal axis passing between the leading edge and the trailing edge and an opening between the pair of slots and the leading edge. The device includes a first suture passing through the opening a second suture passing through one of the slots and an attachment member passing through the pair of slots to form a loop. A method for attaching a tissue graft includes providing the tissue graft attachment device forming a bone tunnel pulling on the first suture to pull the platform member through the bone tunnel and pulling on the second suture to position the platform member on the bone tunnel.

No. of Pages: 19 No. of Claims: 22

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ADJUNCT THERAPY DEVICE FOR APPLYING HEMOSTATIC AGENT

(71)Name of Applicant:

1)ETHICON ENDO SURGERY INC.

Address of Applicant: 4545 Creek Road Cincinnati Ohio

45242 U.S.A.

:A61B17/072,A61B17/00 (72)Name of Inventor : (51) International classification

(31) Priority Document No :13/240141 (32) Priority Date :22/09/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/056057

Filing Date :19/09/2012 :WO 2013/043687

(87) International Publication No (61) Patent of Addition to Application

:NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)WEISENBURGH William B. II

2)SMITH Craig S. 3)BLAIR Gregory B. 4)HUANG Zhifan F. 5)HOFFMAN Douglas B.

6)GEIER Kristi S.

7)SMITH Bret W.

8)LYTLE Thomas W. IV 9)OVERMYER Mark D. 10)BEAR Brian W. 11)SETSER Michael E.

12)LE Thu Anh

13)WOODARD James A. Jr.

14)MODI Kreena R. 15)ZAVATSKY Joseph

(57) Abstract:

A surgical instrument includes a handle portion a shaft housing a firing bar an end effector comprising an anvil a lower jaw and a stapling and severing assembly responsive to a longitudinal closing motion produced by the handle portion and the shaft. The lower jaw is configured to receive a removable cartridge. The cartridge includes a housing a plurality of staples disposed in the housing and a deck disposed over the plurality of staples. The deck defines apertures with each aperture being substantially disposed over each staple. The cartridge further receives a buttress material stored in one or both of the anvil or cartridge. The material is releasable onto severed tissue via a firing bar severing the buttress material in response to the longitudinal closing motion.

No. of Pages: 39 No. of Claims: 20

(21) Application No.2106/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR MAKING A DENSE SIC BASED CERAMIC PRODUCT

(51) International :C04B35/565,C04B35/634,C04B35/626 classification

(31) Priority Document :20111389

(32) Priority Date :13/10/2011 (33) Name of priority :Norway

country

(86) International

:PCT/EP2012/070264 Application No

:12/10/2012 Filing Date

(87) International

:WO 2013/053892 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

Application Number Filing Date

:NA :NA (71)Name of Applicant:

1) SAINT GOBAIN CERAMIC MATERIALS AS

Address of Applicant : P.O. Box 113 N 4791 Lillesand Norway

(72)Name of Inventor:

1)JOHANNESSEN Vidar

2)MOSBY Jostein

(57) Abstract:

The invention relates to a process for the obtaining of granules useful for the manufacture of a silicon carbide based sintered product the mechanical strength of which is improved. The invention relates also to said granules and to the carbide based sintered product.

No. of Pages: 26 No. of Claims: 15

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TREATMENT OF WATER TO EXTEND HALF LIFE OF OZONE

(51) International classification :A61L2/20,B01F3/04,B01J47/00 (71)Name of Applicant : (31) Priority Document No :61/527284

(32) Priority Date :25/08/2011 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/CA2012/050572

Filing Date :20/08/2012 (87) International Publication No: WO 2013/026159

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)TERSANO INC.

Address of Applicant: 5000 Regal Drive Oldcastle Ontario

NOR 1L0 Canada

(72)Name of Inventor:

1)HENGSPERGER Steve L. 2)NAMESPETRA Justin L.

3)ONEIL Jamie

(57) Abstract:

A system for providing an acidic ionized ozonated liquid. The system includes a liquid inlet arranged to accept a liquid into the system; an acid based cation exchange resin in fluid communication with the liquid inlet the resin adapted to exchange cations in the accepted liquid with H+ ions on the resin; an ozone dissolving apparatus in fluid communication with the liquid inlet and the acid based cation exchange resin; and a liquid outlet in fluid communication with the liquid inlet the acid based cation exchange resin and the ozone dissolving apparatus. The ozone dissolving apparatus and the acid based cation exchange resin cooperating to produce the acidic ionized ozonated liquid for dispensation out of the system via the liquid outlet.

No. of Pages: 32 No. of Claims: 21

(21) Application No.2157/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : POS TERMINAL DEVICE HAVING BUILT IN DEVICE WITH EXCELLENT ATTACHMENT/DETACHMENT WORKABILITY

(57) Abstract:

This POS terminal device has a motherboard (171) a power source unit and a case for housing and supporting the motherboard (171) and the power source unit in a removable manner. The case is configured from a frame and a cover attached to the frame in a removable manner and including a rear cover (12R). The motherboard (171) the power source unit and the cover are secured to the frame in a removable manner without using tools.

No. of Pages: 74 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention : CANNULA TIPS TISSUE ATTACHMENT RINGS AND METHODS OF DELIVERING AND USING THE SAME

(21) Application No.2061/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M15/00 :61/531957 :07/09/2011 :U.S.A. :PCT/US2012/053891 :06/09/2012 :WO 2013/036588 :NA :NA :NA	(71)Name of Applicant: 1)CIRCULITE INC. Address of Applicant:250 Pehle Avenue Plaza 1 4th Floor Saddle Brook NJ 07663 U.S.A. (72)Name of Inventor: 1)FARNAN Robert C. 2)DRUMMOND Arielle 3)BRIGHTBILL Jerry 4)ROBINSON Timothy Walter 5)WISDOM Richard 6)OKEEFE Jonathan 7)ABRAHAM Richard 8)KOSTANSKI Sarah 9)FRITZ Bryan
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(57) Abstract:

A surgical cannula system. The surgical cannula system includes a cannula (60) having a proximal end a distal end and a lumen (82) extending therebetween. A tissue attachment ring (110) being configured to be coupled to a biological tissue (74) includes a lumen (117) extending therethrough. A locking mechanism (119) has a first locking state in which the cannula (60) is configured to move with respect to the tissue attachment ring (110) and a second locking state in which movement of the cannula (60) with respect to the tissue attachment ring (110) is resisted.

No. of Pages: 63 No. of Claims: 24

(21) Application No.2062/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR PRODUCING A HIGH VOLTAGE ELECTRICAL INSULATOR WITH A MORTAR INCLUDING A SUPERPLASTICIZER

(51) International :C04B28/06,C04B37/02,C04B40/00

classification

(31) Priority Document No (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/FR2011/052339

No :06/10/2011 Filing Date

(87) International Publication: WO 2013/050665

(61) Patent of Addition to :NA **Application Number**

(62) Divisional to Application:NA Number :NA Filing Date

:NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)SEDIVER SOCIETE EUROPEENNE DISOLATEURS

EN VERRE ET COMPOSITE

Address of Applicant :79 avenue Fran§ois Arago F 92017

Nanterre Cedex France (72)Name of Inventor: 1)PRAT Sandrine 2)GEORGE Jean Marie

3)BARTHET Gilles

The invention relates to a method for producing a high voltage electrical insulator (1) including at least one metal insulator element (4 6) embedded onto a dielectric insulator element (2) via a sealing mortar (5) including at least the following steps; preparing the mortar (5) from aluminous cement and sand mixed at least with water; assembling the dielectric element (2) and metal element (46) together the mortar (5) being placed between the dielectric element (2) and the metal element (4 6); and vibrating the dielectric element (2) and metal element (4 6) assembled together so as to distribute the mortar (5) between the dielectric element and the metal element (2 4 6). In order to prepare the mortar (5) an active ingredient which is a polymeric polyglycolmethacrylic acid ester superplasticizer is added and the vibration is carried out for a duration of 2 to 20 seconds preferably 4 to 15 seconds.

No. of Pages: 19 No. of Claims: 13

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SOLENOID VALVE AND VALVE OPENING CLOSING TIMING CONTROL DEVICE

(51) International classification: F01L1/356,F16K3/26,F16K31/06 (71)Name of Applicant:

:WO 2013/031338

:2011186555 (31) Priority Document No (32) Priority Date :29/08/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/065519

No

:18/06/2012 Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)AISIN SEIKI KABUSHIKI KAISHA

Address of Applicant: 1 Asahi machi 2 chome Kariya shi

Aichi 4488650 Japan (72)Name of Inventor: 1)FUJIWAKI Kenii 2)KOBAYASHI Masaki

3)YOSHIDA Makoto

4)IKEDA Kenji

(57) Abstract:

Provided are a valve opening closing timing control device capable of reliably preventing the erroneous operation of a lock member during the start of the engine and a solenoid valve used for the device. A solenoid valve is provided with: a spool which has an oil path groove formed in the outer surface thereof; and a sleeve which houses the spool so that the spool can slide and reciprocate therein. A first port which communicates with a first hydraulic oil supply section a second port which communicates with a second hydraulic oil supply section and a third port which communicates with the hydraulic oil supply source side are formed in the wall surface of the sleeve. The solenoid valve is also provided with a solenoid mechanism which can drive and set the spool to the following positions: a first position at which hydraulic oil from the hydraulic oil supply source is supplied to the first port; a second position at which the hydraulic oil from the hydraulic oil supply source is supplied to the second port; and a third position which is set outside the region between the first position and the second position so that hydraulic oil is not supplied from the first port and the second port.

No. of Pages: 25 No. of Claims: 3

(21) Application No.2161/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SIDE DOOR STRENGTHENER

(51) International classification	:B60J5/04.E05B65/20	(71)Name of Applicant:
(31) Priority Document No	:1158645	1)RENAULT S.A.S.
(32) Priority Date	:27/09/2011	Address of Applicant :13 15 quai Le Gallo F 92100 Boulogne
(33) Name of priority country	:France	billancourt France
(86) International Application No	:PCT/FR2012/052146	(72)Name of Inventor :
Filing Date	:25/09/2012	1)CAM Chrystele
(87) International Publication No	:WO 2013/045817	2)DEGAUGUE Remi
(61) Patent of Addition to Application	:NA	3)WEBER Jean Luc
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This is an automotive vehicle structure (10) comprising a first lock element a side access opening (11) and a side door (20) which uncovers and closes said side access opening (11). The side door (20) has an inside facing toward the vehicle interior and an opposite outside. It comprises: a hollow door panel (24) a waist rail (31) housed in the door panel (24) and extending along it a second lock element (53) engaging reversibly in the first lock element a control (51) for opening the door (20) from the outside accessible on said outside of the door panel (24) a linkage (54) for actuating the second lock element (53) the linkage being fitted between this second lock element and the control (51) for opening from the outside. The structure (10) further comprises a connecting member forming a retaining reinforcer (60) housed in the door panel (24) defining a stiff mechanical connection between the waist rail (31) and the control (51) for opening from the outside.

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

(19) INDIA

(22) Date of filing of Application :13/03/2014

(21) Application No.1916/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : METHODS OF FABRICATING POLYCRYSTALLINE DIAMOND AND CUTTING ELEMENTS AND EARTH BORING TOOLS COMPRISING POLYCRYSTALLINE DIAMOND

(51) International classification	:E21B10/46,B24D3/10	(71)Name of Applicant :
(31) Priority Document No	:61/535475	1)BAKER HUGHES INCORPORATED
(32) Priority Date	:16/09/2011	Address of Applicant :P.O. Box 4740 Houston TX 77210 4740
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/055425	(72)Name of Inventor:
Filing Date	:14/09/2012	1)DIGIOVANNI Anthony A.
(87) International Publication No	:WO 2013/040362	2)CHAKRABORTY Soma
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

Methods of fabricating polycrystalline diamond include functionalizing surfaces of carbon free nanoparticles with one or more functional groups combining the functionalized nanoparticles with diamond nanoparticles and diamond grit to form a particle mixture and subjecting the particle mixture to high pressure and high temperature (HPHT) conditions to form inter granular bonds between the diamond nanoparticles and the diamond grit. Cutting elements for use in an earth boring tool includes a polycrystalline diamond material formed by such processes. Earth boring tools include such culling elements.

:NA

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

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : OPTICAL MODULATOR AND METHOD OF ENCODING COMMUNICATIONS TRAFFIC IN A MULTILEVEL MODULATION FORMAT

(21) Application No.2015/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04B10/155 :NA :NA :NA :NA :PCT/EP2011/068268 :19/10/2011 :WO 2013/056734 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)CAVALIERE Fabio
Filing Date	:NA	

(57) Abstract:

An optical modulator (10) comprising: an optical splitter (12) arranged to receive an optical carrier signal (14) and split it into sub signals (16); modulation assemblies (18) each comprising a binary optical modulator (22) arranged to apply a binary phase shift keyed BPSK modulation to a respective optical sub signal to form a BPSK modulated optical sub signal. A plurality of the modulation assemblies (20) comprise a phase shifter (24) each arranged to apply a respective phase shift to the respective BPSK modulated optical sub signal in dependence on a pre selected multilevel modulation format; encoding apparatus (26) arranged to receive communications traffic bits (28) to map each bit into a respective symbol and to generate and transmit a respective drive signal to the optical modulator of a modulation assembly each drive signal arranged to cause the optical modulator to apply said BPSK modulation to encode the symbol onto the respective optical carrier sub signal; an output (30); and a combiner (32) arranged to receive each BPSK modulated optical sub signal and to deliver each sub signal to the output to form an output optical signal (34) having said multilevel modulation format.

No. of Pages: 33 No. of Claims: 15

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: OPTICAL OUTPUT DEVICE AND METHOD FOR CONTROLLING AN OPTICAL TRANSMITTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B10/155 :PCT/JP2011/005356 :22/09/2011 :Japan :PCT/JP2012/001476 :02/03/2012 :WO 2013/042284 :NA :NA :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)LE TAILLANDIER DE GABORY Emmanuel
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(57) Abstract:

Since it is difficult to emit a control a IQ modulator emitting modulated lightwave according to QAM format without signal degradation of said emitted signal due to low frequency dither used for the control of said modulator a method for controlling an optical transmitter according to an exemplary aspect of the invention includes: generating a multilevel electrical signal by means of combining two or more binary electrical signals where said multilevel signal is used to drive the modulator of. adding a low frequency dither signal on several of the binary electrical signals wherein the phase of the added dither signal depends on the value of the binary signal to which it is added; tapping a portion of light after the modulator and generating a monitor signal from the tapped light; controlling the modulator according to the monitor signal.

No. of Pages: 50 No. of Claims: 15

(21) Application No.2167/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS OF MAKING OXYGEN SCAVENGING ARTICLES CONTAINING MOISTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B01J20/26,B01J20/10,B01J19/18 :13/240594 :22/09/2011 :U.S.A. :PCT/US2012/056468 :21/09/2012 :WO 2013/043959 :NA :NA	 (71)Name of Applicant: 1)MULTISORB TECHNOLOGIES INC. Address of Applicant: 325 Harlem Road Buffalo New York 14224 U.S.A. (72)Name of Inventor: 1)CHAU Chieh Chun
	:NA :NA	

(57) Abstract:

An extruded or molded article containing iron based oxygen scavenger electrolytes activated carbon silica gel or other water absorbing media and optionally pore formers is subjected to deformation to create voids or porosity and subjected to water spraying or dipping to obtain a water activity of 0.4 or higher. The article is placed in a container or package containing oxygen sensitive articles.

No. of Pages: 22 No. of Claims: 25

(21) Application No.2065/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: NOVEL PROCESS FOR THE PREPARATION OF ACYLGUANIDINES AND ACYLTHIOUREAS

(51) International :C07D241/06,C07D241/40,C07D403/12 classification

:11187566.2

:29/10/2012

:NA

(31) Priority Document

(32) Priority Date :02/11/2011

(33) Name of priority

:EPO country (86) International :PCT/EP2012/071353

Application No

Filing Date (87) International

:WO 2013/064451 **Publication No**

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA

Application Number Filing Date

(71)Name of Applicant:

1)BOEHRINGER INGELHEIM INTERNATIONAL

GMBH

Address of Applicant :Binger Str. 173 55216 Ingelheim Am

Rhein Germany

(72)Name of Inventor:

1)KLEY Joerg

2)HAERLE Daniel 3)LINZ Guenter

4)STEHLE Sandra

(57) Abstract:

The present invention relates to a novel process for the preparation of compounds of general formula (I) and the salts thereof particularly the physiologically acceptable salts thereof with inorganic or organic acids and bases which have valuable pharmacological properties particularly an inhibitory effect on epithelial sodium channels the use thereof for the treatment of diseases particularly diseases of the lungs and airways.

No. of Pages: 56 No. of Claims: 13

(22) Date of filing of Application:19/03/2014

(19) INDIA

(54) Title of the invention: SLIDING MEMBER AND SLIDING MATERIAL COMPOSITION

(51) International :C10M103/06,C10M169/04,F16C33/12 classification

:Japan

(31) Priority Document :2011213060

:28/09/2011 (32) Priority Date

(33) Name of priority

country

(86) International

:PCT/JP2012/075183 Application No :28/09/2012 Filing Date

(87) International

:WO 2013/047800 **Publication No**

(61) Patent of Addition to **Application Number**

:NA :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)TAIHO KOGYO CO. LTD.

(43) Publication Date: 13/03/2015

(21) Application No.2066/DELNP/2014 A

Address of Applicant:65 Midorigaoka 3 chome Toyota shi

Aichi 4718502 Japan (72)Name of Inventor: 1)TOMIKAWA Takashi

2) CHITOSE Toshiyuki

(57) Abstract:

The objective of the present invention is to provide a sliding member that can rapidly subject an opposite material to lapping and can cause the surface roughness of the opposite material after lapping to be smaller. The present invention is a sliding member that slides across an opposite material that has been subjected to a curing process wherein the sliding member has a coating layer containing a binder resin molybdenum disulfide and aggregated hard particles.

No. of Pages: 17 No. of Claims: 4

(21) Application No.2067/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD APPARATUS AND COMPOSITIONS FOR THE PROPHYLAXIS AND TREATMENT OF COLONY COLLAPSE DISORDER

(51) International classification :A01K51/00,A01N25/06,A01N63/00

(31) Priority Document No :RM2011A

ment No :RM2011A000450

:NA

(32) Priority Date :26/08/2011

(33) Name of priority :Italy

country

(86) International :PCT/IT2012/000073
Application No

Filing Date :14/03/2012

(87) International

Publication No :WO 2013/030854

(61) Patent of Addition to Application Number :NA

Filing Date
(62) Divisional to
Application Number

:NA
:NA

Filing Date

(71)Name of Applicant: 1)BEESFREE INC.

Address of Applicant :2101 Vista Parkway Suite 4033 West

Palm Beach FL 33411 U.S.A. (72)Name of Inventor:

1)DEL VECCHIO Francesca

(57) Abstract:

This invention concerns a method for preventing and treating Colony Collapse Disorder consisting in the use of an automated device that delivers a diet specifically calibrated for consumption by farm colonies of bees to be treated. The apparatus comprises a box like container (10) accommodating in its interior at least one reservoir for liquid tight accessible from outside through a nozzle (4) an atomizing device of a liquid solution or suspension contained in the reservoir means for the delivery (2 1) of the liquid atomized solution or suspension into micrometric drops outside the apparatus and a control unit programmed for timing the delivery of the solution or suspension to the outside for the determination of the quantity of solution or suspension delivered and for emitting alarm signals in case of malfunction the apparatus being powered DC with the energy supplied by a solar panel (5) located outside of the container. The liquid solution or suspension comprises tonic and nutrient ingredients mainly consisting of milk powder sugars and lower organic acids antioxidant and antiseptic ingredients contained in plant extracts and healing ingredients to bees such as essential oils of thyme and oxalic acid.

No. of Pages: 32 No. of Claims: 22

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: TRANSACTION PAYMENT METHOD AND SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q20/00 :201110280122.7 :20/09/2011 :China :PCT/CN2012/076994	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant: Room 403 East Block 2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518044 China (72)Name of Inventor: 1)XIANG Tao 2)LIAO Shaobo 3)LIU Tiehua 4)ZHAO Dapeng 5)FENG Yunxia 6)CHENG Min
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(57) Abstract:

A transaction payment method including the following steps: acquiring payment information about a user the payment information including a communication number; calling the communication number through an interactive voice answer platform to acquire the payment password input by the user; and verifying the payment password and payment information and performing payment if the verification is passed. The transaction payment method above can be applied to improve payment security. Additionally also provided is a transaction payment system.

No. of Pages: 25 No. of Claims: 16

(12) TATENT ATTECATION TOBLICATION

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: VEHICLE SEAT

(51) International classification
 (31) Priority Document No
 (32) Priority Date
 (33) Name of priority country
 (342) Element No
 (354) Element No
 (360) Element No
 (374) Elemen

(86) International Application No :PCT/JP2012/072796

Filing Date :06/09/2012 (87) International Publication No :WO 2013/042550

(61) Patent of Addition to Application
Number
Filing Date
:NA
:NA

(62) Divisional to Application Number :NA Filing Date :NA

:B60N2/427,B60N2/22 (71)**Name of Applicant :** :2011206093 **1)NHK SPRING CO. LTD.**

Address of Applicant :10 Fukuura 3 chome Kanazawa ku

Yokohama shi Kanagawa 2360004 Japan

(21) Application No.2170/DELNP/2014 A

(72)Name of Inventor:
1)MUNEMURA Nozomu
2)NAKANE Hironobu
3)NAGAHARA Ryo
4)NAGAI Kensuke

(57) Abstract:

(19) INDIA

The present invention stably and efficiently absorbs a load applied to a seatback frame. In a vehicle seat (10) a fragile section (48) is formed by means of an affixed plate (50) and the fragile section (48) extends continuously from the rim of an affixing hole (44) in the direction of relative motion of a fastening bolt with respect to a hinge base bracket (40). Thus when the base bracket (40) is rotating around the axial line of a support hole (42) the fragile section (48) is pressed by the fastening bolt. Also when the fragile section (48) undergoes plastic deformation deformation of the sort that causes the fragile section (48) to be flared out is suppressed and the fragile section (48) deforms in a manner so as to be crushed. Consequently the load applied to the seatback frame (64) can be stably absorbed by the fragile section (48). Also when the fragile section (48) undergoes plastic deformation by means of the fastening bolt the fragile section (48) continuously undergoes plastic deformation and so the load applied to the seatback frame (64) is efficiently absorbed by the fragile section (48).

No. of Pages: 26 No. of Claims: 7

(21) Application No.1975/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WATERING DEVICE EQUIPPED WITH A DEFLECTOR HAVING AN UNEVEN SURFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/523598 :15/08/2011 :U.S.A. :PCT/US2012/050801 :14/08/2012 :WO 2013/025723 :NA :NA	(71)Name of Applicant: 1)BARMOAV Felix Address of Applicant: 2 Iben Gabirol Street 75481 Reishon Lezion Israel 2)SLOTIN Haim (72)Name of Inventor: 1)BARMOAV Felix 2)SLOTIN Haim
Filing Date	:NA	

(57) Abstract:

A watering device for irrigation of non circular areas is disclosed. The watering device comprises a deflector having an uneven curved surface designed to cause liquid meeting the deflector to reach a distance that changes respective of the uneven surface to cover an irrigation area; a spiral sector object connected to the deflector and providing an adjustable spray orifice for adjusting an irrigation pattern of the watering device; and a two diameter tubular body connected to the spiral sector object and allowing the liquid to flow from a pipe to the uneven curved surface of the deflector.

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

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SECURELY RELOADABLE ELECTRONIC WALLET

(51) International classification	:G06Q20/00	(71)Name of Applicant:
(31) Priority Document No	:13/246701	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:27/09/2011	Address of Applicant :Po Box 8102 Reno NV 89507 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/057321	1)KAMOTSKYY Oleksandr
Filing Date	:26/09/2012	2)KENNEDY Iain A.
(87) International Publication No	:WO 2013/049192	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A user may instruct a host to transmit an allocation of electronic money to the user s mobile electronic device from a user s payment account managed by the host. The allocation may include credentials authentication key(s) a signature a limited amount of funds and/or other types of payment information. The allocation may be limited to the amount of funds that when exhausted or expired prevents further payments using the mobile electronic device. The user may reload the mobile electronic device with electronic money by reconnecting to the host via the secure channel. The user may spend the allocation using the electronic device with use of minimal or no user based security measures (e.g. passwords biometrics etc.) thereby making it quick and easy to make payments with the electronic money.

No. of Pages: 48 No. of Claims: 15

(21) Application No.2121/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POWER CABLE COMPRISING POLYPROPYLENE

(51) International classification :C08F110/06,C08L23/12,H01B3/44

(31) Priority Document No :11179348.5 (32) Priority Date :30/08/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/066724

No Filing Date :29/08/2012

(87) International Publication :WO 2013/030206

No
(61) Patent of Addition to
Application Number
:NA

Application Number
Filing Date

(62) Divisional to Application

(62) Divisional to Application :NA
Number :NA
Filing Date

(71)Name of Applicant : 1)BOREALIS AG

Address of Applicant :IZD Tower Wagramerstrae 17 19 A

1220 Vienna Austria (72)Name of Inventor : 1)VESTBERG Torvald

2)DENIFL Peter
3)HAGSTRAND Per Ola
4)ENGLUND Villgot
5)NILSSON Ulf
6)NYMARK Anders

(57) Abstract:

Power cable comprising a conductor surrounded by at least one layer comprising a polypropylene wherein the polypropylene comprises nanosized catalyst fragments being evenly distributed in said polypropylene.

No. of Pages: 72 No. of Claims: 17

(21) Application No.2172/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: TRANSMISSION HYDRAULIC CONTROL APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16H 61/00 :NA :NA :NA :PCT/JP2011/072377 :29/09/2011 :WO 2013/046393	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)INAGAWA Tomokazu 2)KIMURA Kenta
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2013/046393 :NA :NA :NA	2)KIMURA Kenta 3)INAGAKI Takafumi 4)HATTORI Yuji 5)NAGASATO Yu
Filing Date	:NA	

(57) Abstract:

A transmission hydraulic control apparatus is configured such that during the operation of a drive force source which is controlled to automatically stop on the basis of at least one of vehicle speed or a drive request amount an oil pump is driven and a predetermined hydraulic device is operated by a hydraulic pressure generated by the oil pump while the hydraulic pressure is accumulated in a pressure accumulator. When the drive force source is automatically stopped the hydraulic pressure accumulated in the pressure accumulator is supplied to the hydraulic device. The automatic stop control includes control for stopping the drive force source when the vehicle is traveling with a vehicle speed not less than a predetermined vehicle speed. When automatically stopping the drive force source during travelling the automatic stop control is implemented in coordination with accumulation pressure control for controlling the amount of oil accumulated in the pressure accumulator can be increased.

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

(21) Application No.2173/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM TO CAPTURE AND VALIDATE A SIGNATURE USING A MOBILE **DEVICE**

(51) International :H04W12/06,G06K9/00,G06F3/041

classification

(31) Priority Document No :61/526826 (32) Priority Date :24/08/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2012/000790

No :24/08/2012 Filing Date

(87) International Publication :WO 2013/026147

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA :NA

Number Filing Date (71)Name of Applicant:

1)HYBRID PAYTECH WORLD INC.

Address of Applicant :3 643 rue Notre Dame Ouest Montral

Oubec H3C 1H8 Canada (72)Name of Inventor:

1)CASTRONOVO Abbondio

2)BARONE Massimo

(57) Abstract:

Provided is a method and system for capturing and validating a signature using a mobile device in order to attach a signature to an item. The method generally comprises displaying or transmitting the signee the instructions to sign the item. The signee then uses his mobile device application to select one or more of the items requiring a signature. Then the signee uses his finger (or fingers) or a stylus against the mobile device s touch sensitive screen to capture his signature. The captured signature is then validated before being retrieved and finally attached to the item using a secure server.

No. of Pages: 18 No. of Claims: 20

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND DEVICE FOR ENHANCING BRAIN ACTIVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61B5/00 :61/533917 :13/09/2011 :U.S.A. :PCT/IL2012/000255 :21/06/2012 :WO 2013/038400 :NA :NA	(71)Name of Applicant: 1)BRAIN Q TECHNOLOGIES LTD Address of Applicant: 17 Pelepergula St. Apartment 6 93857 Jerusalem Israel (72)Name of Inventor: 1)SEGAL Yaron
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus is provided for stimulating brain neural networks of a subject comprising: at least one transmitter configured to generate an electromagnetic field through the brain neural networks of a subject at least one brain wave measuring device for detecting subject brain wave frequency a CPU for processing data concerned with detection of brain wave frequency of a subject having a database for storing and analyzing natural and affected brain scans and at least one computer readable medium containing a predetermined protocol for transmission of the electromagnetic wave frequency profiles. The apparatus further provides a resonance effect thereby inducing newly generated brain cells to migrate toward a brain tissue area having the pathology or lesion of interest and initiating new brain pathways at the brain region of interest.

No. of Pages: 64 No. of Claims: 54

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR COLD CRACKING WITH STEAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/220280 :29/08/2011 :U.S.A. :PCT/US2012/050850 :15/08/2012 :WO 2013/032698 :NA :NA	(71)Name of Applicant: 1)INNOVATIVE CRUDE TECHNOLOGIES INC. D/B/A ICT Address of Applicant:515 Route 33 Millstone NJ 08835 U.S.A. (72)Name of Inventor: 1)NUERK Ruediger Uwe 2)LAURA Joseph
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method to enhance the recovery of oil from an oil field comprising: applying heat to a colloidal hydrocarbonic medium that comprises hydrocarbon chains; and applying pressure waves having a predetermined frequency and intensity to hydrocarbon chains in order to crack hydrocarbon chains into relatively shorter hydrocarbon chains. Optionally: applying heat may comprise applying steam; the pressure waves may be applied directly or indirectly to hydrocarbon chains to be cracked; applying pressure waves may be performed within the oil field by use of an Activator within or outside of the oil field; applying pressure waves may be performed within the oil field; applying pressure waves may be performed by use of a rotor situated in a housing pervaded by the colloidal hydrocarbonic medium.

No. of Pages: 31 No. of Claims: 16

(21) Application No.2135/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ROTOR ASSEMBLY HAVING A CONCENTRIC ARRANGEMENT OF A TURBINE PORTION A COOLING CHANNEL AND A REINFORCEMENT WALL

(51) International classification :F02C3/073,F02C3/16,F02C5/04 (71) Name of Applicant:

(31) Priority Document No :61/538201

(32) Priority Date :23/09/2011 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/CA2012/000838

Filing Date :11/09/2012

(87) International Publication No: WO 2013/040679

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA

Number :NA Filing Date

(57) Abstract:

1)SOCPRA SCIENCES ET G‰NIE S.E.C.

Address of Applicant :Suite 100 35 rue Radisson Sherbrooke

Oubec J1L 1E2 Canada (72)Name of Inventor:

1)PLANTE Jean Sbastien 2)RANCOURT David 3)PICARD Mathieu

The present disclosure introduces a rotor assembly having a concentric arrangement comprising a rotating turbine portion a cooling channel and an annular reinforcement wall. The concentric arrangement is configured to rotate around a common axis. Also introduced is a rotary engine comprising the rotor assembly in which the cooling channel further functions as a rotating compressor portion. The rotary engine also comprises a stator assembly that itself comprises a static turbine portion positioned upstream of the rotating turbine portion a static compressor portion positioned downstream of the rotating compressor portion and a combustion chamber positioned downstream of the static compressor portion and upstream of the static turbine portion.

No. of Pages: 39 No. of Claims: 28

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: USER ENHANCED RANKING OF INFORMATION OBJECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G06F17/30 :11182967.7 :27/09/2011 :EPO :PCT/EP2012/066276 :21/08/2012 :WO 2013/045177 :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)HONG Dohy
<u> </u>		1)HONG Dony
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for user enhanced ranking of information objects comprising: generating a graphical user interface (40) on a display (13) the graphical user interface comprising a graph (41) wherein the graph comprises a plurality of icons each representing an information object of the collection of information objects and a plurality of connectors connecting the icons each connector representing at least one link of the collection of links modifying the graph by generating an additional connector between the icons in response to graph modification commands received from a user controlled interaction means storing an additional link in the database (21) as a function of the additional connector wherein the additional link interrelates information objects represented by the icons connected by the additional connector computing a link based rank for an information object of the collection of information objects as a function of the additional link and the collection of links.

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SEMI SOLID ELECTRODE CELL HAVING A POROUS CURRENT COLLECTOR AND METHODS OF MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M4/64 :61/531927 :07/09/2011 :U.S.A. :PCT/US2012/054218 :07/09/2012 :WO 2013/036801 :NA :NA :NA	(71)Name of Applicant: 1)24M TECHNOLOGIES INC. Address of Applicant: One Kendall Square Suite B6103 Cambridge Massachusetts 02139 U.S.A. (72)Name of Inventor: 1)BAZZARELLA Ricardo 2)CARTER William Craig 3)CHIANG Yet Ming 4)CROSS James C. III 5)OTA Naoki
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(57) Abstract:

An electrochemical cell includes an anode a semi solid cathode and a separator disposed therebetween. The semi solid cathode includes a porous current collector and a suspension of an active material and a conductive material disposed in a non aqueous liquid electrolyte. The porous current collector is at least partially disposed within the suspension such that the suspension substantially encapsulates the porous current collector.

No. of Pages: 60 No. of Claims: 42

(19) INDIA

(22) Date of filing of Application :21/03/2014

(21) Application No.2131/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: PRODUCT

(51) International classification	:C04B28/00,C04B38/00	(71)Name of Applicant :
(31) Priority Document No	:2011904044	1)HYSSIL PTY LTD
(32) Priority Date	:30/09/2011	Address of Applicant :C/ Davies Collison Cave 1 Nicholson
(33) Name of priority country	:Australia	Street Melbourne Victoria 3000 Australia
(86) International Application No	:PCT/AU2012/001192	(72)Name of Inventor:
Filing Date	:28/09/2012	1)SAGOE CRENTSIL Kwesi Kurentsir
(87) International Publication No	:WO 2013/044324	2)DEVENISH David Alan
(61) Patent of Addition to Application	:NA	3)SHAPIRO Genrietta
Number	:NA	4)YAN Shiqin
Filing Date	.IVA	5)GESTHUIZEN Leigh
(62) Divisional to Application Number	:NA	6)BROWN Trevor
Filing Date	:NA	

(57) Abstract:

A method for manufacturing a cellular geopolymer product which method comprises the steps: (a) forming an activated geopolymer premix by addition to a geopolymer premix of an activator compound that initiates a condensation reaction in the geopolymer premix; (b) casting the activated geopolymer premix in a desired configuration; and (c) generating gas bubbles in the activated geopolymer premix as the condensation reaction proceeds and the activated geopolymer premix stiffens to produce a self supporting cellular structure; and (d) curing the self supporting cellular structure to produce the cellular geopolymer product wherein in step (c) the characteristics of the activated geopolymer premix and the reaction kinetics of the condensation reaction are controlled to achieve formation of the self supporting cellular structure.

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

(21) Application No.2132/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POLYPROPYLENE BLEND FOR PIPES

(51) International classification	:C08L23/10,F16L9/12	(71)Name of Applicant:
(31) Priority Document No	:11178968.1	1)BOREALIS AG
(32) Priority Date	:26/08/2011	Address of Applicant :IZD Tower Wagramerstrasse 17 19 A
(33) Name of priority country	:EPO	1220 Wien Austria
(86) International Application No	:PCT/EP2012/002318	(72)Name of Inventor:
Filing Date	:31/05/2012	1)TYNYS Antti
(87) International Publication No	:WO 2013/029699	2)RUEMER Franz
(61) Patent of Addition to Application	:NA	3)MALM Bo
Number	:NA	4)MACHL Doris
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Polypropylene blend for pipe production comprising (a) Component (A) being a propylene homo or copolymer made with a single site catalyst system and (b) Component (B) being a second propylene homo or copolymer made with a Ziegler Natta catalyst or a single site catalyst (B) which broadens the molecular weight distribution in terms of polydispersity index PI of the whole composition wherein either component (A) and/or component (B) and/or the polypropylene blend composition is nucleated; the use of such blends for preparing pipes and the pipes produced therefrom.

No. of Pages: 37 No. of Claims: 17

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: TECHNIQUES FOR MANAGING AND VIEWING FOLLOWED CONTENT

:G06Q50/10,G06Q50/30 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/247000 1)MICROSOFT CORPORATION (32) Priority Date Address of Applicant :One Microsoft Way Redmond :28/09/2011 (33) Name of priority country Washington 98052 6399 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/058110 1)WILDE Benjamin Filing Date :28/09/2012 (87) International Publication No :WO 2013/049712 2)SHAW Donna (61) Patent of Addition to Application 3)JEFFERS Michael :NA 4) ANDERSON Matthew :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Techniques to view and manage followed content are described. A technique may include receiving a selection to follow a content item. A reference to a content item selected for following may be stored for a user. The references for the user may be displayed in a centralized location in a user interface. The display may include contextual information about each followed content item with its reference. Additional information and functions for a followed content item may be displayed in response to a received selection for additional information. Other embodiments are described and claimed.

No. of Pages: 34 No. of Claims: 10

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR CONFIGURING A REPEATER

(51) International classification	:H04B7/155,H04W72/04	(71)Name of Applicant:
(31) Priority Document No	:13/238509	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:21/09/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/IB2012/054828	1)GUNNARSSON Fredrik
Filing Date	:14/09/2012	2)FRENGER PI
(87) International Publication No	:WO 2013/042026	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of configuring a repeater in a mobile communication network includes receiving information identifying a first set of scrambling codes from a repeater. The first set of scrambling codes includes one or more scrambling codes that are being used by base stations from which the repeater has received signals. The method also includes determining a set of one or more unavailable scrambling codes based on the first set and selecting a scrambling code for the repeater based on the set of unavailable scrambling codes. Additionally Ac method includes transmitting information identifying the selected scrambling code to the repeater.

No. of Pages: 36 No. of Claims: 24

(21) Application No.2084/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ARTHROSCOPIC SURGICAL DEVICE

(51) International classification	:A61B17/04,A61B17/12	(71)Name of Applicant :
(31) Priority Document No	:61/526717	1)MININVASIVE LTD.
(32) Priority Date	:24/08/2011	Address of Applicant :111 Arlozorov St. 62098 Tel Aviv
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2012/000318	(72)Name of Inventor:
Filing Date	:23/08/2012	1)SHOLEV Mordehai
(87) International Publication No	:WO 2013/027209	2)RAZ Ronen
(61) Patent of Addition to Application	:NA	3)MELOUL Raphael
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An arthroscopic surgical device for tunneling through hard tissue including an arcuate tunneling needle driver and a bone engagement element the arcuate needle driver and the bone engagement element being joined together to provide a joined needle driver and bone engagement element having at least two different operative orientations including an arthroscopic operative orientation wherein the joined arcuate needle driver and bone engagement element has a trans incision insertion cross sectional footprint and a tunneling operative orientation suitable for tunneling wherein the joined arcuate needle driver and bone engagement element has a tunneling cross sectional footprint which is substantially greater than the insertion cross sectional footprint.

No. of Pages: 78 No. of Claims: 28

(21) Application No.2136/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TELEMATICS ON BOARD UNIT FOR VEHICLES

:14/09/2012

(51) International classification :G06Q40/08,G07C5/00,G07C5/08 (71)Name of Applicant : (31) Priority Document No :11 007 677.5 (32) Priority Date :21/09/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/003858

No Filing Date

(87) International Publication :WO 2013/041199

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)ALLIANZ TELEMATICS S.P.A.

Address of Applicant :Largo Ugo Irneri 1 I 34123 Trieste Italy

(72)Name of Inventor:

1)AMSELEM Jacques

(57) Abstract:

The present invention relates to telematics on board units for vehicles including data collection means for collecting vehicle usage data data transmission means for transmitting collected vehicle usage data and/or analyzed vehicle usage data derived therefrom to a telematics service platform and driver identification means for identifying a driver using the vehicle and providing a driver identification. In accordance with the present invention the driver identification means includes a plurality of peripheral elements of different types for entering detecting and/or receiving different identification data for determining the driver identification on the basis of different identification features said different peripherals being integrated in a common component to be installed in the vehicle s passenger compartment thereby simplifying the installation of the device in the vehicle and reducing time and costs of first installation and reducing the number of possible mistakes done during the installation which usually would result in a recall to the installation plant with all costs associated.

No. of Pages: 28 No. of Claims: 16

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LIFE RHYTHM PROCESSING SYSTEM FOR RECOMMENDING ACTIVITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:14/09/2012 :WO 2013/046589 :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)SAKAMOTO Takayuki 2)TAKAGI Tsuyoshi 3)IKENOUE Shoichi
Filing Date	:NA	

(57) Abstract:

An information processing system that includes a user interface that receives an input by a user; a life rhythm analyzing unit that analyzes the user s life rhythm based on information collected by a sensor for the analysis; and a content transmitting unit that acquires the input and analysis result of the life rhythm of the user from the life rhythm analyzing unit and provides content based on the input and the analysis result.

No. of Pages: 52 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :21/03/2014

(21) Application No.2138/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: LIFE RHYTHM PROCESSING SYSTEM FOR RECOMMENDING ACTIVITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F19/00 :2011211228 :27/09/2011 :Japan :PCT/JP2012/005890 :14/09/2012 :WO 2013/046588 :NA :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)SAKAMOTO Takayuki 2)TAKAGI Tsuyoshi 3)IKENOUE Shoichi
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(57) Abstract:

An information processing system that includes a sensor unit that collects information used for analyzing a life rhythm of a user; a life rhythm analyzing unit that analyzes the user s life rhythm based on the collected information; and a content transmitting unit that acquires an analysis result of the life rhythm of the user from the life rhythm analyzing unit and provides content based on the analysis result.

No. of Pages: 46 No. of Claims: 20

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH SPEED FREE SPACE OPTICAL COMMUNICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04J14/00 :61/528119 :26/08/2011 :U.S.A. :PCT/US2012/052397 :24/08/2012 :WO 2013/032954 :NA :NA	(71)Name of Applicant: 1)JOSEPH John R. Address of Applicant:13805 Spirit Trail NE Albuquerque NM U.S.A. 2)LEAR Kevin L. 3)ABELL David (72)Name of Inventor: 1)JOSEPH John R. 2)LEAR Kevin L. 3)ABELL David
Filing Date	:NA :NA	

(57) Abstract:

High power high speed VCSEL arrays are employed in unique configurations of arrays and sub arrays. Placement of a VCSEL array behind a lens allows spatial separation and directivity. Diffusion may be employed to increase alignment tolerance. Intensity modulation may be performed by operating groups of VCSEL emitters at maximum bias. Optical communications networks with high bandwidth may employ angular spatial and/or wavelength multiplexing. A variety of network topologies and bandwidths suitable for the data center may be implemented. Eye safe networks may employ VCSEL emitters may be paired with optical elements to reduce optical power density to eye safe levels.

No. of Pages: 33 No. of Claims: 53

(21) Application No.1854/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD OF FABRICATING TYPE 4 CYLINDERS AND ARRANGING IN TRANSPORTATION HOUSINGS FOR TRANSPORT OF GASEOUS FLUIDS

(51) International classification	:F17C1/16,B60P3/00,B60P7/06	
(31) Priority Document No	:61/526020	1)TRANZGAZ INC.
(32) Priority Date	:22/08/2011	Address of Applicant :216 Water Street Suite 210 St.Johns NL
(33) Name of priority country	:U.S.A.	A1C 1A9 Canada
(86) International Application No	:PCT/CA2012/000778	(72)Name of Inventor:
Filing Date	:22/08/2012	1)CAMPBELL Steve
(87) International Publication No	:WO 2013/026140	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract:

A lightweight intermodal or road trailer based system for transporting refrigerated gaseous fluids is provided. The system includes an enclosed and insulated transportation housing and a plurality of low temperature resistant type 4 pressure vessels. The pressure vessels are at least three feet in diameter secured within the transportation housing for containing the gaseous fluids.

No. of Pages: 46 No. of Claims: 19

(21) Application No.1855/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date: 13/03/2015

:NA

(54) Title of the invention: WIND TURBINE TOWER WITH CIRCUMFERENTIAL AIR GUIDING TOWER WALL REINFORCEMENT

(51) International classification	:F03D11/04,F03D11/00	(71)Name of Applicant:
(31) Priority Document No	:11180805.1	1)AREVA WIND GMBH
(32) Priority Date	:09/09/2011	Address of Applicant :Am Lunedeich 156 27572 Bremerhaven
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/067376	(72)Name of Inventor:
Filing Date	:06/09/2012	1)TSCHIRCH Alexander
(87) International Publication No	:WO 2013/034626	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

A wind turbine tower (1) comprising a tower wall (60) at least one inlet (3) formed in a section (S) of the tower wall for introducing air (10) surrounding the wind turbine tower into the wind turbine tower and a tower wall reinforcement (5) the tower wall reinforcement bracing the inner circumference of said tower wall section (S) and the tower wall reinforcement (5) defining an air duct (40) for guiding the air along the inner circumference of said tower wall section (S).

No. of Pages: 11 No. of Claims: 13

(21) Application No.1902/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: OPTICALLY VARIABLE ENTITY AUTHENTICATING DEVICE AND METHOD

(51) International classification :G07D7/12,G07D7/00,G07D7/20 (71) Name of Applicant:

:11182728.3 (31) Priority Document No (32) Priority Date :26/09/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/004034

No

:26/09/2012 Filing Date

(87) International Publication No:WO 2013/045082

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SICPA HOLDING SA

Address of Applicant : Av. de Florissant 41 CH 1008 Prilly

Switzerland

(72)Name of Inventor:

1)MLLER Edgar

2)DESPLAND Claude Alain

3)DEGOTT Pierre

(57) Abstract:

Disclosed is a device for the authentication of an optically variable entity exhibiting a color shift with changing viewing angle the device comprising a plate of light refractive material said plate having two surfaces and an array of light refracting protrusions or recesses on at least one of said surfaces and being disposed in said device such as to provide aside each other a direct view and a view through said plate onto at least parts of said optically variable entity said view through said plate being an angularly deflected view resulting from light refraction at said protrusions or recesses. Further disclosed is a method for authenticating an optically variable entity as well as the use of a plate having two parallel surfaces and an array of positive or negative light refracting protrusions or recesses on at least one of said surfaces for authenticating an optically variable entity.

No. of Pages: 21 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LUBRICIOUS COATINGS

(51) International classification	:A61K9/36,A61K9/28	(71)Name of Applicant:
(31) Priority Document No	:11188598.4	1)DSM IP ASSETS B.V.
(32) Priority Date	:10/11/2011	Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2012/072210	(72)Name of Inventor:
Filing Date	:09/11/2012	1)BELT Johannes Wilhelmus
(87) International Publication No	:WO 2013/068513	2)GANDHI Yogesh Nathalal
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.1903/DELNP/2014 A

(57) Abstract:

The present invention relates to lubricious coatings comprising an ionomer and a hydrophilic polymer wherein the ionomer is cross linked using a suitable cross linking agent and optionally also conventional excipients such as a surfactant a plasticizer and/or a filler. The invention also relates to pharmaceutical products covered by such lubricious coatings compositions for preparing these lubricious coatings and a method for providing pharmaceutical products with these lubricious coatings.

No. of Pages: 16 No. of Claims: 12

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: STRUCTURAL ARRANGEMENT INTRODUCED INTO A SALIVA SUCTION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61C17/06,A61B1/06 :MU 91015812 :26/10/2011 :Brazil :PCT/BR2012/000253 :24/07/2012 :WO 2013/059892 :NA :NA :NA	(71)Name of Applicant: 1)NAVARRO SOBRAL Jose Manoel Address of Applicant: Rua Francisco Orellana 30 Jardim S£o Caetano CEP: 09581690 S£o Caetano do Sul Brazil 2)ALFREDO HOLZER JUNIOR 3)PATR CIA CRISTIANE MARQUES P. DOS SANTOS 4)MOISES BARRETO DE GODOY 5)EDSON RYCOOJI MIYAZAKI 6)JOEL MARTINS DE SOUZA 7)WASHIGTON LUIS PERINO (72)Name of Inventor: 1)NAVARRO SOBRAL Jose Manoel 2)ALFREDO HOLZER JUNIOR 3)PATR CIA CRISTIANE MARQUES P. DOS SANTOS 4)MOISES BARRETO DE GODOY 5)EDSON RYCOOJI MIYAZAKI 6)JOEL MARTINS DE SOUZA 7)WASHIGTON LUIS PERINO
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(57) Abstract:

A utility model pertaining to the field of medical/odontological products, comprising a saliva-suction device (1) composed, at the front, by at least two LEDs (2) or SMD LEDs (3), the casing thereof having, in the upper part thereof, a cover (4) provided with devices (5) for rapid locking and unlocking for the purpose of replacing the LEDs (2) or SMD LEDs (3), power being provided by electricity or a battery system.

No. of Pages: 9 No. of Claims: 1

(21) Application No.2100/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DISPLAY DEVICE EXHIBITING EXCELLENT MAINTAINABILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011236745 :28/10/2011 :Japan	(71)Name of Applicant: 1)NEC Infrontia Corporation Address of Applicant: 2 6 1 Kitamikata Takatsu ku Kawasaki shi Kanagawa 2138511 Japan (72)Name of Inventor: 1)IWAMOTO Takahiro 2)HAGIWARA Natsuki 3)NAKASHIMA Takashi
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(57) Abstract:

A display device having a display unit (31) a touch panel (32) stacked on the front surface of the display unit (31) and a case for housing the touch panel (32) and the display unit (31). The case has a rear case (21) and a front case (22) attached to the rear case (21) in a removable manner and equipped with an opening for exposing the touch detection region and the visible region of the stacked touch panel and the display unit. The display unit (31) is mounted on the rear case (21) while the touch panel (32) is mounted on the front case (22).

No. of Pages: 30 No. of Claims: 7

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: OPTIMIZATION OF A HOME AUTOMATION SYSTEM USING A LOCAL POWER LINE COMMUNICATION NETWORK

(51) International classification :H04B3/54,H04L12/28,H02J3/00 (71)Name of Applicant:

(31) Priority Document No :1158108 (32) Priority Date :13/09/2011

(33) Name of priority country :France

(86) International Application :PCT/FR2012/052015

:10/09/2012 Filing Date

(87) International Publication No:WO 2013/038095

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)VOLTALIS

Address of Applicant: 10 rue Lincoln F 75008 Paris France

(72)Name of Inventor: 1)HEINTZ Bruno

2)OURY Jean Marc

3)LEFEBVRE DE SAINT GERMAIN Hugues

4)DE CREVOISIER Stanislas

5)BORNET Christophe

(57) Abstract:

The present invention relates to a method for optimizing a home automation system comprising a plurality of communicating devices capable of exchanging information therebetween via a local low bandwidth PLC network. According to the invention the method comprises a phase in which the PLC transmission power is adjusted for each new device added to the network said phase comprising the following successive steps: installing (10) the new device configured to transmit at a predefined maximum power on said PLC network; cutting off (20) all ongoing communications on the PLC network except for the new device; testing communication for each pre existing device on the PLC network with which the new device is to be paired and if communication fails ensuring an automatic incremental increase (30) of the PLC transmission power of the pre existing device until a first PLC transmission power value is reached at which PLC communication can be initialized between the pre existing device and the new device; and ensuring an automatic reduction (40) of the PLC transmission power of the new device while communication between each pre existing device and the new device is active.

No. of Pages: 23 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PERSONAL CARE COMPOSITIONS AND METHODS OF MAKING SAME

(51) International :A61K8/891,A61K8/892,A61K8/06

classification .A01R6/891,A01R6/892,A01R6/

(31) Priority Document No :61/544769 (32) Priority Date :07/10/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/058909

Filing Date :05/10/2012

(87) International Publication :WO 2013/052771

No .

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to Application
Number
:NA
:NA

Filing Date

(71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

(21) Application No.2154/DELNP/2014 A

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor:

1)STAUDIGEL James Anthony

2)JOHNSON Eric Scott 3)RENOCK Sean Michael 4)PEFFLY Marjorie Mossman 5)KROGER LYONS Kelly Rose

(57) Abstract:

The present invention relates to a personal care composition and methods of using the same the composition including an anionic surfactant a cationic conditioning polymer and a silicone emulsion wherein a total content of a cyclic polysiloxane having a general formula: is present in the silicone emulsion in an amount less than 2.5 wt% based on the total weight of all polysiloxanes R is a substituted or unsubstituted C1 to C10 alkyl or aryl wherein m is 4 or 5 wherein the composition forms coacervate particles upon dilution with water and wherein a percentage of the coacervate particles with a floc size of greater than about 20 micron is from about 1% to about 60% upon dilution with water.

No. of Pages: 51 No. of Claims: 15

(21) Application No.2243/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: MONOACYLGLYCEROL LIPASE INHIBITORS FOR THE TREATMENT OF METABOLIC DISEASES AND RELATED DISORDERS

(51) International classification: A61K31/496, A61P3/06, A61P3/08 (71) Name of Applicant:

(31) Priority Document No :61/541394 (32) Priority Date :30/09/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/057465 No

:27/09/2012 Filing Date

(87) International Publication :WO 2013/049289 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)JANSSEN PHARMACEUTICA NV

Address of Applicant: Turnhoutseweg 30 B 2340 Beerse

Belgium

(72)Name of Inventor:

1)CONNELLY Margery 2)FLORES Christopher M.

3)MACIELAG Mark J.

Disclosed are compounds compositions and methods for treating metabolic diseases including obesity and diabetes and for reducing weight gain. Such compounds are represented by formula (I) as follows: wherein Y and Z are defined herein.

No. of Pages: 60 No. of Claims: 30

⁽⁵⁷⁾ Abstract:

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SURGICAL STAPLE CARTRIDGE WITH SELF DISPENSING STAPLE BUTTRESS

(51) International classification	:A61B17/072	(71)Name of Applicant :
(31) Priority Document No	:13/231064	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:13/09/2011	Address of Applicant :4545 Creek Road Cincinnati Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2012/054388	(72)Name of Inventor:
Filing Date	:10/09/2012	1)SMITH Bret W.
(87) International Publication No	:WO 2013/039814	2)LYTLE Thomas W. IV
(61) Patent of Addition to Application	:NA	3)MILLER Matthew C.
Number	:NA	4)WANG Yi Lan
Filing Date	.IVA	5)ZAVATSKY Joseph
(62) Divisional to Application Number	:NA	6)MODI Kreena
Filing Date	:NA	7)ZINGMAN Aron O.

(57) Abstract:

A surgical instrument includes a handle portion a shaft housing a firing bar an end effector comprising an anvil a lower jaw and a stapling and severing assembly responsive to a longitudinal closing motion produced by the handle portion and the shaft. The lower jaw is configured to receive a removable cartridge when in an open position. The cartridge includes a housing a plurality of staples disposed in the housing and a deck disposed over the plurality of staples. The deck defines apertures with each aperture being substantially disposed over each staple. The instrument includes a movable buttress that is integral with the housing of the cartridge or integral with the lower jaw of the end effector. The buttress may attach to the anvil and include a portion to receive tissue. The receipt of tissue urges and moves the buttress proximally inwards to further encompass the tissue.

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

(21) Application No.2103/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: USE OF AN AROMATASE INHIBITOR FOR THE TREATMENT OF HYPOGONADISM AND **RELATED DISEASES**

(51) International :A61K9/48,A61K31/4196,A61P5/26 classification

:61/532459 (31) Priority Document No

(32) Priority Date :08/09/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/053844 Application No

:06/09/2012 Filing Date

(87) International Publication :WO 2013/036562

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor: 1)TAYLOR Ann

2)KLICKSTEIN Lloyd B.

(57) Abstract:

This invention relates to a method of increasing testosterone levels and treating hypogonadism and related diseases with the aromatase inhibitor 4.4 [fluoro (1 H 1 2 4 triazol 1 yl)methylene]bisbenzonitrile. The present invention further relates to a method of increasing testosterone levels and treating hypogonadism and related diseases with the aromatase inhibitor 4 4 [fluoro (1 H 1 2 4 triazol 1 yl)methylenelbisbenzonitrile in a particular dosing regimen. The invention also relates to pharmaceutical compositions comprising said aromatase inhibitor 4 4 [fluoro (1 H 1 2 4 triazol 1 yl)methylene]bisbenzonitrile optionally in combination with other active ingredients. Furthermore the present invention relates to kits comprising said pharmaceutical compositions together with instructions how to administer them.

No. of Pages: 51 No. of Claims: 70

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR ENGINE CYLINDER DECOMPRESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D13/04 :61/537430 :21/09/2011	(71)Name of Applicant: 1)JACOBS VEHICLE SYSTEMS INC. Address of Applicant: 22 East Dudley Town Road Bloomfield CT 06002 U.S.A. (72)Name of Inventor: 1)RUGGIERO Brian 2)ERNEST Steven N. 3)FUCHS Neil E. 4)XU Jin 5)DAY Erin 6)PATURZO Joseph III 7)PRUSAK Johnathan W. 8)MOSSBERG Jeffrey E.
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(57) Abstract:

A system for actuating an engine valve to decompress an engine cylinder for engine start up and/or engine braking is disclosed. The system may include a first member such as an outer piston disposed above an engine valve which receives an inner piston extending into a bore provided in the first member. One or more springs may bias the inner piston into a predefined position in the first member. The inner piston may include a lower surface that directly or through an intervening sliding pin actuates an engine valve in response to the application of fluid pressure on the inner piston. The inner piston may be used to decompress an engine cylinder for engine start up and/or to provide engine braking.

No. of Pages: 37 No. of Claims: 27

(19) INDIA

(22) Date of filing of Application :21/03/2014

(21) Application No.2156/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: DISPLAY DEVICE AND POS TERMINAL DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011237161 :28/10/2011 :Japan	(71)Name of Applicant: 1)NEC Infrontia Corporation Address of Applicant: 2 6 1 Kitamikata Takatsu ku Kawasaki shi Kanagawa 2138511 Japan (72)Name of Inventor: 1)IWAMOTO Takahiro 2)HAGIWARA Natsuki 3)NAKASHIMA Takashi
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(57) Abstract:

The present invention addresses the problem of providing an easily height adjustable display device without requiring an extension/contraction mechanism. This display device (1) has a case (3) and a display unit (5) used by being installed on the case (3) wherein the case (3) and the display unit (5) are configured to be able to be directly connected to one another and it is possible to change the state of how the case (3) and the display unit (5) are connected from a state in which the case (3) and the display unit (5) are directly connected to a state in which the case (3) and the display unit (5) are connected with a support column (7) therebetween by attaching the support column (7) between the case (3) and the display unit (5) the support column (7) having a columnar shape which can be divided along the central axis.

No. of Pages: 38 No. of Claims: 10

(21) Application No.2246/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: MONOACYLGLYCEROL LIPASE INHIBITORS FOR THE TREATMENT OF METABOLIC DISEASES AND RELATED DISORDERS

(51) International classification: A61K31/496, A61P3/06, A61P3/08 (71) Name of Applicant:

(31) Priority Document No :61/541403

(32) Priority Date :30/09/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/057470

No :27/09/2012

Filing Date (87) International Publication :WO 2013/049293

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1)JANSSEN PHARMACEUTICA NV

Address of Applicant :Turnhoutseweg 30 B 2340 Beerse

Belgium

(72)Name of Inventor:

1)CONNELLY Margery 2)FLORES Christopher M.

3)MACIELAG Mark J.

Disclosed are compounds compositions and methods for treating metabolic diseases including obesity and diabetes. Such compounds are represented by formula (I) as follows: wherein Y and Z are defined herein.

No. of Pages: 40 No. of Claims: 21

⁽⁵⁷⁾ Abstract:

(21) Application No.2247/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SILICONE HYDROGELS HAVING IMPROVED CURING SPEED AND OTHER PROPERTIES

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNo	:C08G77/04,C08J3/075,G02B1/04 :61/541556 :30/09/2011 :U.S.A. :PCT/US2012/057000 :25/09/2012	 (71)Name of Applicant: 1)JOHNSON & JOHNSON VISION CARE INC. Address of Applicant: 7500 Centurion Parkway Jacksonville Florida 32256 U.S.A. (72)Name of Inventor: 1)VANDERLAAN Douglas G.
Filing Date (87) International Publication No	:WO 2013/048990	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to: to a silicone polymer formed from reactive components containing (i) at least one silicone component and (ii) 2 hydroxyethyl acrylamide; a silicone hydrogel containing such silicone polymer; a biomedical device (e.g. a contact lens) containing such polymer; and a biomedical device formed from such hydrogel.

No. of Pages: 31 No. of Claims: 23

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROTEIN COMPRISING NC 1 FOR TREATING ANGIOGENESIS RELATED DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11178509.3 :23/08/2011 :EPO :PCT/EP2012/066467 :23/08/2012 :WO 2013/026913 :NA :NA	(71)Name of Applicant: 1)DEUTSCHES KREBSFORSCHUNGSZENTRUM Address of Applicant: Im Neuenheimer Feld 280 69120 Heidelberg Germany (72)Name of Inventor: 1)LEE Tong Young 2)ABDOLLAHI Amir 3)JAVAHERIAN Kashi
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(57) Abstract:

The present invention is concerned with a protein oligomer comprising at least two NC 1 monomers of human collagen 18 or fragments of an NC 1 monomer of human collagen 18 for use in the treatment or prevention of an angiogenesis related disease. The invention further pertains to a fusion protein comprising a NC 1 monomer of human collagen 18 and a Fc domain of an immunoglobulin. The invention also relates to a fusion protein comprising: a) an endostatin peptide or endostatin derived peptide and b) the RGD motif and/or PHSRN motif of Fibronectin. The invention further relates to a kit comprising the protein oligomer or fusion proteins of the invention.

No. of Pages: 117 No. of Claims: 19

(21) Application No.2117/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: INK COATINGS FOR SECURITY DOCUMENTS TO PREVENT FORGERY BY MEANS OF HEAT SENSITIVE ERASABLE INK

(51) International :C09D11/00,C09D11/02,B41M3/14 classification

(31) Priority Document No :11184571.5 (32) Priority Date :11/10/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/067682

No :11/09/2012 Filing Date

(87) International Publication :WO 2013/053556

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)SICPA HOLDING SA

Address of Applicant : Avenue de Florissant 41 CH 1008 Prilly

Switzerland

(72)Name of Inventor: 1)LEPRINCE Ccile

2) DUMUSOIS Christophe

3)LUKAS Dagmar

(57) Abstract:

Disclosed is a solvent borne or UV curable fugitive ink composition for application to a substrate that is to be provided with indicia. The ink composition comprises at least one halochromic compound and at least one filler compound and is capable of preventing indicia formed with a heat sensitive erasable ink on an area of the substrate carrying the fugitive ink composition and thereafter subjected to a thermal treatment from becoming invisible to an unaided eye.

No. of Pages: 39 No. of Claims: 22

(21) Application No.2118/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR SIGNAL QUALITY DETERMINATION IN A COMMUNICATION NETWORK

(51) International classification :H04B17/00,H04W3
(31) Priority Document No :61/539747
(32) Priority Date :27/09/2011
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/SE2012/050552 Filing Date :22/05/2012

(87) International Publication No(61) Patent of Addition to Application

Number :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

:H04B17/00,H04W24/10 (71)**Name of Applicant :**

3)AXMON Joakim

1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) Address of Applicant :S 164 83 Stockholm Sweden

(72)Name of Inventor:
1)KAZMI Muhammad
2)LINDOFF Bengt

(57) Abstract:

One aspect of the present invention is method for signal quality measurement that provides significant improvements in accuracy at least in certain scenarios where conventional approaches to such measurements are vulnerable to inaccuracies. Non limiting example scenarios include instances where a communication network uses downlink carriers in neighboring cells with overlapping frequencies but with different bandwidths and/or center frequencies. In such cases there may be uneven interference across the carrier bandwidth e.g. arising from neighboring carriers operating at different center frequencies and/or at different bandwidths. Thus making the signal quality measurement for a given carrier depend on a combination of measurements taken at different frequency regions of the carrier provides a clearer more accurate picture of the interference or loading conditions bearing on that carrier.

No. of Pages: 39 No. of Claims: 32

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A FLOW CONTROL VALVE WITH PRESSURE BALANCING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:PA 2011 00734 :26/09/2011 :Denmark :PCT/DK2012/000102 :14/09/2012	(71)Name of Applicant: 1)DANFOSS A/S Address of Applicant:Nordborgvej 81 DK 6430 Nordborg Denmark (72)Name of Inventor: 1)DAM Bjarke Skovgrd
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/044915 :NA :NA :NA :NA	2)PETERSEN Hans Kurt

(57) Abstract:

A flow control valve (1) for a refrigeration system Is disclosed. The valve (1) comprises a valve port (14) having a substantially cylindrical inner circumference arranged to receive a protruding portion of a valve member (5). The valve member (5) comprises a protruding portion having a substantially cylindrical outer circumference corresponding to the inner circumference of the valve port (14) said protruding portion also having at least one fluted part (16) said at least one fluted part (16) defining fluid passage along the at least one fluted part (16) when the valve member (5) is in the open position. The valve member (5) is provided with at least one first fluid passage (6) extending through the valve member (5) between a second valve chamber (15) and a pressure balancing chamber (8) and at least one second fluid passage (7) establishing a fluid connection between a first valve chamber (12) and the first fluid passage (6). The second fluid passage (7) has an opening arranged on the substantially cylindrical part of the protruding portion of the valve member (5). The invention allows the pressure of the balancing chamber (8) to be adjusted independently of the primary flow through the valve (1) via the fluted parts(s) (16).

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : REMOTE WEAPON STATION IN PARTICULAR FOR AIRCRAFT SUCH AS FIXED WING AIRCRAFT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F41G3/22,B64D7/02,F41A23/20 :TO2011A000853 :23/09/2011 :Italy	(71)Name of Applicant: 1)OTO MELARA S.P.A. Address of Applicant: Via Valdilocchi 15 I 19136 La Spezia Italy
(86) International Application No Filing Date	:PCT/IB2012/001886 :18/09/2012	(72)Name of Inventor:1)ISOLA Andrea2)LEONESIO Gian Battista
(87) International Publication No	:WO 2013/041956	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to ApplicationNumberFiling Date	:NA :NA	

(57) Abstract:

The remote weapon station (10) comprises a firearm (12) which is able to fire ammunitions against a target; a remote control board or panel (14) which is arranged at a distance from said firearm (12) and is configured to be activated by an operator so as to control said firearm (12); an automatic target aiming system (32) which is configured to provide said remote control board (14) with target aiming signals which indicate the position of a target that has to be hit by said firearm (12); a platform (18) on which said remote control board (14) is assembled and which is adapted to be fitted to an aircraft; and a support element (28) mounted on said platform (18) which supports said automatic target aiming system (32) and houses said adjustable firearm (12) in a controlled way by said remote control board (14) as a function of said target aiming signals.

No. of Pages: 21 No. of Claims: 11

(21) Application No.2164/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CAROUSEL CARRIER FOR A VACUUM TREATMENT INSTALLATION

(51) International :C23C14/50,H01L31/18,C23C16/458 classification

(31) Priority Document No :10 2011 113 563.8 (32) Priority Date :19/09/2011 (33) Name of priority

:Germany country

(86) International

:PCT/EP2012/003625 Application No

:29/08/2012 Filing Date

(87) International

:WO 2013/041179 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)OERLIKON TRADING AG TRBBACH

Address of Applicant: Hauptstrasse 53 CH 9477 Tr¹/₄bbach

Switzerland

(72)Name of Inventor:

1)GWEHENBERGER Juergen

(57) Abstract:

The present invention relates to a vacuum treatment installation having carousel carriers in which the carousel drive is arranged on the wall that is located opposite the door of the vacuum treatment installation. In this way the coupling of the carousel of the carousel carrier to the carousel drive is ensured without any further mechanism.

No. of Pages: 12 No. of Claims: 5

(21) Application No.2165/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD FOR THE TEMPERATURE MEASUREMENT OF SUBSTRATES IN A VACUUM CHAMBER

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (19) Patent of Addition to Application Number Filing Date (15) Name of Application No (10) Patent of Addition to Application Number Filing Date (15) Name of Applicant: Hauptstrasse 53 CH 9477 Tr\/4bbach Switzerland (172) Name of Inventor: 1) KRASSNITZER Siegfried 2) ESSELBACH Markus 2) ESSELBACH Markus	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:U.S.A. :PCT/EP2012/003759 :07/09/2012 :WO 2013/037467 :NA :NA	Switzerland (72)Name of Inventor: 1)KRASSNITZER Siegfried
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(57) Abstract:

The invention relates to a temperature measuring system comprising a temperature sensor and a reference body wherein means for determining temperature changes of the reference body and/or for control of the temperature of the reference body are provided. When the temperature measuring system is used in a vacuum the reference body forms no substantial material thermal bridges to the temperature sensor and the reference body shields the temperature sensor with respect to the environment in such a way that only radiation that comes from the surfaces of the reference and from surfaces of which the temperature is to be determined reaches the surface of the temperature sensor.

No. of Pages: 12 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : HAND HELD TEST METER WITH PHASE SHIFT BASED HEMATOCRIT MEASUREMENT CIRCUIT

(21) Application No.2252/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N27/327 :13/250525 :30/09/2011 :U.S.A. :PCT/GB2012/052421 :01/10/2012 :WO 2013/045950 :NA :NA :NA	(71)Name of Applicant: 1)LIFESCAN SCOTLAND LIMITED Address of Applicant: Beechwood Park North Inverness Inverness shire IV2 3ED U.K. (72)Name of Inventor: 1)KRAFT Ulrich 2)ELDER David 3)KERMANI Mahyar
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(57) Abstract:

A hand held test meter for use with an analytical test strip in the determination of an analyte in a bodily fluid sample includes a housing (110); a microcontroller block (112) disposed in the housing; and a phase shift based hematocrit measurement block (114). The phase shift based hematocrit measurement block includes a signal generation sub block (120) a low pass filter sub block (122) an analytical test strip sample cell interface sub block (124) a transimpedance amplifier sub block (128) and a phase detector sub block (130). In addition the phase shift based hematocrit measurement block and microcontroller block are configured to measure the phase shift of a bodily fluid sample in a sample cell of an analytical test strip inserted in the hand held test meter and the microcontroller block is configured to compute the hematocrit of the bodily fluid sample based on the measured phase shift.

No. of Pages: 25 No. of Claims: 26

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD FOR A SEALING SYSTEM

(51) International classification	:B02C17/00	(71)Name of Applicant :
(31) Priority Document No	:61/626128	1)TELSMITH INC.
(32) Priority Date	:21/09/2011	Address of Applicant :10190 N. Industrial Dr. P.O. Box 539
(33) Name of priority country	:U.S.A.	Mequon WI 53092 U.S.A.
(86) International Application No	:PCT/US2012/056459	(72)Name of Inventor:
Filing Date	:21/09/2012	1)VAN MULLEM Albert
(87) International Publication No	:WO 2013/043951	2)HAVEN Matthew
(61) Patent of Addition to Application	:NA	3)DRICKEN Chuck
Number		4)NEITZEL Sean
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sealing system adapted for use on an item of equipment having a male threaded component including a male threaded section having an interior portion. The sealing system comprises a female threaded component having a female threaded section and a scraper seal groove. The sealing system also comprises a scraper seal that is configured to be disposed in the scraper seal groove of the female threaded component and fit into the male threaded section of the male threaded component. The forces produced by the item of equipment pass directly to the female threaded component from the male threaded section. A method for sealing an interior portion of a threaded section of the male threaded component comprising providing such a sealing system and screwing the male threaded component into the female threaded component.

No. of Pages: 24 No. of Claims: 21

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : TANGENTIAL AND FLAMELESS ANNULAR COMBUSTOR FOR USE ON GAS TURBINE ENGINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F23R3/00 :NA :NA :NA :PCT/US2011/048581 :22/08/2011	(71)Name of Applicant: 1)TOQAN Majed Address of Applicant: Golden Beach Tower Block A Apartment 2201 Corniche Road Abu Dhabi U.A.E. 2)GREGORY Brent Allan 3)REGELE Jonathan David 4)YAMANE Ryan Sadao
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	 (72)Name of Inventor: 1)TOQAN Majed 2)GREGORY Brent Allan 3)REGELE Jonathan David
Filing Date	:NA	4)YAMANE Ryan Sadao

(57) Abstract:

A combustion device used in gas turbine engines that produces propulsion or rotates a shaft for power generation includes an annular combustor with a system of fuel and air inlet passages and nozzles that results in a flameless combustor such that there is not an anchored flame as in typical gas turbine combustors. The fuel and air inlets are placed at various longitudinal locations and circumferentially spaced and take on several different configurations where some nozzles inject only air and others inject a rich fuel air mixture. The combustion device provides an optimal mixing of fuel and air as well as creates an environment for combustion that reduces pollutant emissions reducing the need for costly pollution control devices and enhances ignition and flame stability reduces piloting issues and improves vibration reduction.

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

(21) Application No.2122/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: UNLOCKING A STORAGE DEVICE

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT/US2011/053587	(71)Name of Applicant: 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant:11445 Compaq Center Drive W. Houston Texas 77070 U.S.A. (72)Name of Inventor: 1)ALI Valiuddin Y. 2)WANG Lan 3)WALDRON James Robert
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(57) Abstract:

An electronic device has a lower power state in which power to a storage device is disabled. Predetermined information stored in a memory is useable to unlock the storage device during a procedure to transition the electronic device from the lower power state to a higher power state. The predetermined information is different from a credential for use in unlocking the storage device.

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

(19) INDIA

(22) Date of filing of Application :20/03/2014

(21) Application No.2124/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: HYDROUS ADHESIVE SKIN PATCH

(51) International :A61K31/167,A61K9/70,A61K47/10 classification

(31) Priority Document No :61/527325 (32) Priority Date :25/08/2011 (33) Name of priority

:U.S.A. country

(86) International

:PCT/JP2012/071510 Application No

:24/08/2012 Filing Date

(87) International

:WO 2013/027840 **Publication No**

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)NIPRO PATCH CO. LTD.

Address of Applicant: 8 1 Minamisakae cho Kasukabe shi

Saitama 3440057 Japan (72)Name of Inventor: 1)KAWAMURA Naohisa

2)RYOO Je Phil

(57) Abstract:

The purpose of the present invention is to provide a hydrous adhesive skin patch which contains lidocaine and can be applied in a uniform thickness easily. This hydrous adhesive skin patch comprises a support and an adhesive agent layer arranged on the support wherein lidocaine or a pharmacologically acceptable salt thereof a hydrophilic adhesive agent and diethylene glycol or a diethylene glycol monoalkyl ether are contained in the adhesive agent layer. The diethylene glycol monoalkyl ether is preferably at least one compound selected from the group consisting of diethylene glycol monomethyl ether diethylene glycol monoethyl ether and diethylene glycol monobutyl ether.

No. of Pages: 34 No. of Claims: 7

(21) Application No.2266/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LAPAROSCOPIC INSTRUMENT WITH ATTACHABLE ENERGY END EFFECTOR

(51) International classification :A61B18/04,A61B17/29,A61B17/32

(31) Priority Document No :13/249790 (32) Priority Date :30/09/2011 (33) Name of priority country:U.S.A.

(86) International PCT/US2012/056900 Application No

Filing Date :24/09/2012

(87) International Publication :WO 2013/048963

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date
:NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)ETHICON ENDO SURGERY INC.

Address of Applicant :4545 Creek Road Cincinnati Ohio

45242 U.S.A.

(72)Name of Inventor: 1)HOUSER Kevin L.

2)NOBIS Rudolph H.

(57) Abstract:

A surgical device comprises an elongate shaft defining a longitudinal axis. The shaft comprises a distal end and a proximal end. An arm medially deflect able and comprises a mating feature. An elongate pin is positioned medially relative the arm. The elongate pin is axially slideable relative the arm between a locked position preventing medial deflection of the arm and an unlocked position allowing medial deflection of the arm. An energy based surgical end effector is selectively attachable and detachable to the mating feature of the arm. The end effector may include a torque arm to engage the elongate shaft.

No. of Pages: 47 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :25/03/2014

(21) Application No.2267/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ENGINE CONTROL DEVICE

(51) International classification	:G06F15/173,F02D45/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/072216	(72)Name of Inventor:
Filing Date	:28/09/2011	1)WATANABE Satoru
(87) International Publication No	:WO 2013/046363	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the invention is to enable high speed computation of one or multiple actuator control target values related to engine control by means of a multicore processor. To achieve said purpose multiple grid points arrayed in a two dimensional Cartesian coordinate system having a first driving condition and a second driving condition as the axes thereof are associated in a one to one relationship with at least some of multiple cores that are placed in a grid in the multicore processor said associations having the same sequence as the grid points in the two dimensional Cartesian coordinate system; and a computation program for computing the optimum control value at each of the associated grid points is assigned to each of said cores. Each core that has an associated grid point is programmed to send the optimum control value at said associated grid point to an interpolation calculation core said optimum control value having been computed by said core and being sent to the interpolation calculation core if the driving area to which the current operation point belongs is an area defined by said associated grid point said driving area being in the two dimensional Cartesian coordinate system. The interpolation calculation core is programmed to perform an interpolation calculation of the optimum control value at the current operation point by using the optimum control values at all the grid points that define the driving area to which the current operation point belongs said driving area being in the two dimensional Cartesian coordinate system. The multicore processor outputs the optimum control value at the current operation point as an actuator control target value said optimum control value having been obtained from the interpolation calculation core.

No. of Pages: 60 No. of Claims: 16

(21) Application No.2143/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : HANDRAIL CONSISTING OF PREFABRICATED TUBES AND PARTS MADE OF STAINLESS STEEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E04F11/18 :P201131417 :24/08/2011 :Spain :PCT/ES2012/070629 :17/08/2012 :WO 2013/026945 :NA :NA	(71)Name of Applicant: 1)PUNTER GIL Jes°s Address of Applicant: Cl. Villareal N° 1 E 12400 Segorbe Spain (72)Name of Inventor: 1)PUNTER GIL Jes°s
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a handrail consisting of prefabricated tubes and parts made of stainless steel of the type using longitudinal bars (1) and a plurality of vertical rails (2); and wherein in order to attach the handrail to the floor a series of pillars (6) are provided to which the bars (1) are attached by means of brackets (10), said pillars (6) being attached to the floor by means of an anchor plate (11); characterized in that the rails (2) are attached to the bars (1) by means of a dowel screw (5) which locks the bars in place by passing entirely or partially therethrough; and wherein the brackets (10) have a conical recess (7) for attaching to the longitudinal bar (1) by means of a screw having a conical head (9); and wherein the plate (11) has perforations (12) for anchoring the pillar (6) to the floor with screws (8), as well as threaded holes (13) for leveling said pillar (6) by means of screws (5).

No. of Pages: 31 No. of Claims: 6

(21) Application No.2190/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD FOR DRAINING THERMAL OIL IN A THERMOSOLAR PLANT AND CORRESPONDING AUXILIARY INSTALLATION FOR CARRYING OUT SAID METHOD

(51) International classification	:F24J2/46,F24J2/04,F24J2/07	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LOGISTICA Y ACONDICIONAMIENTOS
(32) Priority Date	:NA	INDUSTRIALES S.A.U.
(33) Name of priority country	:NA	Address of Applicant :Av. Cortes Valencianas 58 E 46015
(86) International Application No	:PCT/ES2011/070621	Valencia Spain
Filing Date	:02/09/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2013/030416	1)LACALLE BAYO Jes°s
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.IVA	

(57) Abstract:

The invention relates to a method for draining thermal oil in a thermosolar plant and to the corresponding auxiliary installation for carrying out said method. The auxiliary installation comprises an oil tank (7) a pump assembly (6) a depressor or suction assembly (8) lines for communication with said valves (11 21) and a valve assembly for opening/closing the passage between the separate elements wherein the lines for communication with the valves (11 21) consist of each pair of pipes of the closed loop or branches (3 4) that do not have valves on the free end thereof. The operating method includes steps of sweeping the separate circuits that form the installation by means of driving or suction according to the corresponding operation phase.

No. of Pages: 33 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :24/03/2014

(21) Application No.2234/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: GUARD FOR A SHAVING RAZOR

(51) Intermedian 1 -1	D2CD21/40	(71)NJ
(51) International classification	:B26B21/40	(71)Name of Applicant :
(31) Priority Document No	:61/541692	1)THE GILLETTE COMPANY
(32) Priority Date	:30/09/2011	Address of Applicant :World Shaving Headquarters IP/Legal
(33) Name of priority country	:U.S.A.	Patent Department 3E One Gillette Park Boston Massachusetts
(86) International Application No	:PCT/US2012/057833	02127 U.S.A.
Filing Date	:28/09/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/049514	1)WAIN Kevin James
(61) Patent of Addition to Application	:NA	2)WESTER Christian Reber
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A shaving cartridge with a housing cap at a rear of the housing one or more blades mounted to the housing in front of the cap and a guard at a front of the housing. The guard has a top surface with a plurality of undulating rows extending parallel to the blade. The undulating rows have crests and valleys. The valleys comprise an elastomeric material and are stepped from a front of the guard to a rear of the guard.

No. of Pages: 27 No. of Claims: 15

(19) INDIA

(21) Application No.2235/DELNP/2014 A

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: LUBRICATING MEMBER FOR A SHAVING RAZOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B26B21/40,B26B21/44 :61/541707 :30/09/2011 :U.S.A. :PCT/US2012/057769 :28/09/2012 :WO 2013/049470 :NA	(71)Name of Applicant: 1)THE GILLETTE COMPANY Address of Applicant: World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts 02127 U.S.A. (72)Name of Inventor: 1)WAIN Kevin James 2)WESTER Christian Reber
• •		· /

(57) Abstract:

A shaving razor cartridge (10) with a housing (12) having a guard (22) at a front of the housing. One or more blades (26) are behind the guard and each blade has a blade edge (32). A cap (24) is secured to the housing and comprises a water leachable shaving aid. The cap has a front face (40) extending parallel to the blade edge. The front face of the cap is unsupported by the housing.

No. of Pages: 27 No. of Claims: 15

(21) Application No.2271/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FILTERING UNIT

(51) International :B01D45/16,B01D46/24,B01D50/00

classification

(31) Priority Document No :RE2011A000084 (32) Priority Date :17/10/2011

(33) Name of priority country: Italy

(86) International :PCT/IB2012/001781

Application No :12/09/2012 Filing Date

(87) International Publication :WO 2013/057549

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)UFI INNOVATION CENTER S.R.L.

Address of Applicant :20 Viale Trento I 38061 Ala (Trento)

Italy

(72)Name of Inventor:

1)GIRONDI Giorgio

(57) Abstract:

A filtering cartridge (2) intended to be contained within an outer casing (TO) provided with an inlet (11) and an outlet (12) so as to filter the fluid which flows from the inlet (11) towards the outlet (12) the filtering cartridge (2) comprising at least one filtering membrane (40) characterised in that it comprises at least one tubular body (30) into which said filtering membrane (40) is fitted so as to be at least partly wound the tubular body (30) comprising at least one fin (32) having helical development deriving from the internal wall of the tubular body (30).

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

(22) Date of filing of Application :20/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: NOVEL METAL POLYOXIDE AND FUNCTIONAL FIBER OR TEXTILE PREPARED USING METAL POLYOXIDE

(51) International :D06M11/48,D06M11/49,C01G39/00 classification

(31) Priority Document No :1020110085181 (32) Priority Date :25/08/2011

(33) Name of priority :Republic of Korea

country

(86) International

:PCT/KR2012/006781 Application No :24/08/2012

Filing Date (87) International

:WO 2013/028035 Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)KOOK Seung Won

Address of Applicant :126 1503 LG Metrocity 1 Cha 176 30 Yongho 1 dong Nam gu Busan 608 890 Republic of Korea

2)BOTAR Alexandru (72)Name of Inventor: 1)KOOK Seung Won 2)BOTAR Alexandru

(57) Abstract:

The present invention relates to a novel metal polyoxide and a functional fiber or textile prepared using the metal polyoxide. The metal polyoxide is a compound in which a plurality of oxygen elements are coupled to a transition metal element and shows surface electrical resistance in addition to antibacterial and deodorizing activities. More specifically the present invention relates to manganese (III) molybdate and cobalt (III) molybdate having a novel structure a preparation method thereof and a preparation method of a functional fiber or textile prepared using the same. According to the present invention the metal polyoxide shows excellent antibacterial and deodorizing effects and a functional fiber or textile prepared using the metal polyoxide shows no deterioration of functions even with time by a strong ionic bond and shows excellent antibacterial and deodorizing effects. Further the present invention relates to a method for preparing a functional fiber or textile having various functions by reacting a metal polyoxide in which a plurality of oxygen elements are coupled to a transition metal element with a fiber or a textile at a room temperature or in a heated state. According to the present invention the functional fiber or textile shows no deterioration of characteristics and effects even with time by a strong ionic bond shows excellent antibacterial and deodorizing effects and has an electromagnetic shielding effect due to the increase of surface electrical resistance.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DATA MODIFICATION FOR DEVICE COMMUNICATION CHANNEL PACKETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:28/08/2012 :WO 2013/029151	(71)Name of Applicant: 1)ATI TECHNOLOGIES ULC Address of Applicant: One Commerce Valley Drive East Markham Ontario L3T 7X6 Canada (72)Name of Inventor: 1)CO Stephen
(86) International Application No Filing Date	:28/08/2012	` '
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Techniques are disclosed relating to modifying packet data to be sent across a communication link and/or bus. Data may be modified in accordance with one or more data processing algorithms and according to the capabilities of a destination device to receive such modified data. Lossless compression algorithms may be used on data in order to achieve a higher effective bandwidth over a particular bus or link. Encryption algorithms may be used as well as data format conversion algorithms. One or more processing elements of a communication channel controller or other structure within a computing device may be used to modify packet data which may be in PCI Express format in some embodiments. A packet prefix or header may be used to store an indication of what algorithm(s) has been used to modify packet data so that a destination device can process packets accordingly.

No. of Pages: 32 No. of Claims: 20

(21) Application No.2275/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: VEHICULAR VIBRATION REDUCTION DEVICE

(51) International classification	:F16F15/30,F16F15/126	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/073009	(72)Name of Inventor:
Filing Date	:05/10/2011	1)MURATA Kiyohito
(87) International Publication No	:WO 2013/051119	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This vehicular vibration reduction device (1) comprises: an inertial mass body (30) that is connected to the rotary shaft (13) of a power transmitting device (5) which is capable of transmitting rotary power from a travel drive source (4) of a vehicle (2) to the driving wheels (10) thereof in a manner such that power can be transmitted to the inertial mass body; and a switching device (40) that is provided in the power transmitting path between the rotary shaft (13) and the inertial mass body (30) the switching device (40) being capable of switching between a first path (42) that links the rotary shaft (13) and the inertial mass body (30) with an elastic body (41) intervening therebetween and a second path (43) that links the rotary shaft (13) and the inertial mass body (30) without the elastic body (41) intervening therebetween. Thus the vehicular vibration reduction device (1) achieves the effect of appropriately reducing vibrations.

No. of Pages: 79 No. of Claims: 6

(21) Application No.2091/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DUPLEX STAINLESS STEEL DUPLEX STAINLESS STEEL SLAB AND DUPLEX STAINLESS STEEL MATERIAL

(51) International classification :C22C38/00,C22C38/58 (71)Name of Applicant : (31) Priority Document No 1)NIPPON STEEL & SUMIKIN STAINLESS STEEL :2011231352 (32) Priority Date :21/10/2011 CORPORATION (33) Name of priority country Address of Applicant :6 1 Otemachi 2 chome Chiyoda ku :Japan (86) International Application No Tokyo 1000004 Japan :PCT/JP2012/076821 Filing Date (72)Name of Inventor: :17/10/2012 (87) International Publication No :WO 2013/058274 1)TSUGE Shinji (61) Patent of Addition to Application 2)OIKAWA Yuusuke :NA Number 3) URASHIMA Hiroshi :NA Filing Date 4)KAJIMURA Haruhiko (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An embodiment of this duplex stainless steel contains by mass% 0.03% or less of C 0.05 to 1.0% of Si 0.1 to 7.0% of Mn 0.05% or less of P 0.0001 to 0.0010% of S 0.5 to 5.0% of Ni 18.0 to 25.0% of Cr 0.10 to 0.30% of N 0.05% or less of Al 0.0010 to 0.0040% of Ca and 0.01 to 0.2% of Sn the remainder comprising Fe and unavoidable impurities. The ratio Ca/O between the amounts of Ca and O is 0.3 to 1.0. The pitting index (PI) represented by equation (1) is less than 30.

No. of Pages: 58 No. of Claims: 10

(21) Application No.2187/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FRICTION ADJUSTMENT MECHANISM FOR A SUPPORT APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16M11/20 :61/538327 :23/09/2011 :U.S.A. :PCT/US2012/052440 :27/08/2012 :WO 2013/043313 :NA :NA	(71)Name of Applicant: 1)KNOLL INC. Address of Applicant: 1235 Water Street East Greenville Pennsylvania 18041 U.S.A. (72)Name of Inventor: 1)SAPPER Richard 2)SNYDER Ronald
Filing Date	:NA	

(57) Abstract:

A support apparatus includes an arm assembly attached to a mounting body. A frictional adjustment mechanism is provided between the mounting body and the arm assembly that permits an amount of friction induced by tilting of the mounting body to be adjusted so that a greater or lesser amount of force is needed by a user to tilt the mounting body and any object held by the mounting body. Preferably the mounting body is configured to hold a monitor liquid crystal display or other display device.

No. of Pages: 34 No. of Claims: 21

(21) Application No.2230/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: FABRIC COMPRISING POLY(TRIMETHYLENE ARYLATE) FILAMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/US2011/055404 :07/10/2011 :WO 2013/052065 :NA :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor: 1)BATT Douglas G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fine denier poly(trimethylene arylate) spun drawn fiber is characterized by high denier uniformity. A process for preparing uniform fine denier yarns at spinning speeds of 4000 to 6000 m/min is further disclosed. The poly(trimethylene arylate) fiber hereof comprises 0.1 to 3% by weight of polystyrene dispersed therewithin. Fabrics prepared therefrom are also disclosed.

No. of Pages: 42 No. of Claims: 8

(21) Application No.2273/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONTROL DEVICE AND CONTROL METHOD FOR NON AQUEOUS SECONDARY BATTERY

(51) International classification :G01R31/36,H01M10/48,H02J7/00

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA

(86) International Application :PCT/JP2011/005463

No Filing Date :28/09/2011

(87) International Publication :WO 2013/046263

No (61) Patent of Addition to

(61) Patent of Addition to
Application Number
Filing Date

(22) Patent of Addition to
:NA
:NA

(62) Divisional to Application Number :NA :NA

Filing Date

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

Japan

(72)Name of Inventor:

1)OBATA Hiroyuki 2)NAKASHIMA Makoto

3)OMAE Hiroki

(57) Abstract:

To prevent the discharging of a non aqueous secondary battery from being excessively limited. [Solution] This control device controls the discharging of a non aqueous secondary battery such that the discharge power of the non aqueous secondary battery does not exceed an upper limit value the control device comprising a current sensor and a controller. The controller calculates an evaluation value for evaluating a first degradation component from the discharge state detected by using the current sensor. The first degradation component is a component that reduces the output performance of the non aqueous secondary battery in association with a deviation in ion concentration in the electrolyte caused by the discharging of the non aqueous secondary battery. The controller calculates a second integrated value by integrating: a value found by reducing by a correction coefficient a first integrated value found by integrating past evaluation values that have exceeded a target value; and the present evaluation value exceeding the target value. The controller lowers the upper limit value if the second integrated value exceeds a threshold.

No. of Pages: 49 No. of Claims: 12

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LIQUID COOLED ELECTRIC POWER CONVERSION DEVICE AND RAILWAY VEHICLE

(51) International classification :B61D27/00,B61C17/00,H02M7/48

:NA

:WO 2013/046492

(31) Priority Document No :2011209994 (32) Priority Date :26/09/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/003469

No :28/05/2012

Filing Date .28/03

(87) International Publication No

(61) Patent of Addition to Application Number :NA

Filing Date

(62) Divisional to Application
Number

Number:

Filing Date

(71)Name of Applicant:

1)KABUSHIKI KAISHA TOSHIBA

Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo

1058001 Japan

(72)Name of Inventor:

1)YAMASHITA Mitsuyo

2)IDE Yuuji

(57) Abstract:

The purpose of the present invention is to provide a liquid cooled electric power conversion device for a railway vehicle the liquid cooled electric power conversion device is suppressed and so that soiling within the device is prevented. A liquid cooled electric power conversion device is provided with: an electric power conversion device (1) and a cooling device (100) which are provided within the engine compartment (201) of a railway vehicle (200); semiconductor elements (2) and an electric component (13) which are provided within the electric power conversion device (1); a third heat exchanger (5) which is located between the electric component (13) and an electric air blower (12); a cooling body (4) to which the semiconductor elements (2) are mounted; a first heat exchanger (111b) which is provided within the cooling device (100); a second heat exchanger (111a) which is provided within the cooling device and which is smaller than the first heat exchanger (111b); piping (7a) which connects the third heat exchanger (5) and the second heat exchanger (111a); and piping (7b) which connects the cooling body (4) and the first heat exchanger (111b).

No. of Pages: 56 No. of Claims: 20

(21) Application No.2159/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: CHARGING STAND

(51) International classification	:H02J7/00,H01M10/44	(71)Name of Applicant :
(31) Priority Document No	:2011236237	1)NEC INFRONTIA CORPORATION
(32) Priority Date	:27/10/2011	Address of Applicant :2 6 1 Kitamikata Takatsu ku Kawasaki
(33) Name of priority country	:Japan	shi Kanagawa 2138511 Japan
(86) International Application No	:PCT/JP2012/075512	(72)Name of Inventor:
Filing Date	:02/10/2012	1)IKEGAMI Yohei
(87) International Publication No	:WO 2013/061732	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide a charging stand for preventing a force applied to a power cord from being transmitted directly to a junction between the charging stand and the power cord with a simple structure. A charging stand (100) is provided with a housing (110) having an installation section (114) for installing an electronic device (300) and a charging mechanism for charging the electronic device (300) when the electronic device (300) is installed on the installation section (114). A cord winding structure (140) for winding a power cord (220) to be connected to the charging stand (100) is provided on the bottom surface of the housing (110).

No. of Pages: 35 No. of Claims: 10

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD OF CREATING A VISIBLE MARK ON LENS USING A LEUCO DYE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B1/04,B29D11/00 :61/541577 :30/09/2011 :U.S.A. :PCT/US2012/057006 :25/09/2012 :WO 2013/048993 :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON & JOHNSON VISION CARE INC. Address of Applicant: 7500 Centurion Parkway Jacksonville Florida 32256 U.S.A. (72)Name of Inventor: 1)LI Yongcheng 2)MAGGIO Stacey V. 3)PEGRAM Stephen C.
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(57) Abstract:

The present invention relates to a method for manufacturing a contact lens having a visible mark including the steps of (i) curing a hydrogel having reactive components including a leuco dye and a silicone component to form the contact lens and (ii) activating the leuco dye in at least a portion of said contact lens to change the color of the leuco dye to create the visible mark; wherein the leuco dye contains at least one methacrylate acrylate or styrene functional group and the leuco dye polymerizes with the silicone component during the curing step.

No. of Pages: 35 No. of Claims: 26

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PEPTIDE INHIBITING MATRIX METALLOPROTEANASES ACTIVITY AND USE THEREOF

(51) International classification(31) Priority Document No	:C07K7/06,A61K38/08,A61K8/64 :1020110091923	(71)Name of Applicant: 1)CAREGEN CO. LTD.
(32) Priority Date	:09/09/2011	Address of Applicant :Caregen Bldg. 690 3 Geumjeong dong
(33) Name of priority country	:Republic of Korea	Gunpo si Gyeonggi do 435 862 Republic of Korea
(86) International Application No Filing Date	:PCT/KR2011/008272 :02/11/2011	(72)Name of Inventor : 1)CHUNG Young Ji 2)KIM Eun Mi
(87) International Publication No	:WO 2013/035931	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a peptide inhibiting a matrix metalloproteanases activity and use thereof. The peptide inhibiting a matrix metalloproteanases activity exhibits an excellent efficacy of improving the condition of skin by directly inhibiting the matrix metalloproteanases activity. In addition a composition containing the peptide of the invention has excellent bioactivities of inhibiting the activity of hyaluronic acid degrading enzymes adipogenesis in fat cells angiogenesis and the like thereby being useful for the treatment of various diseases such as anti obesity anti cancer anti inflammation and the like and skin permeability is excellent due to the small size of the peptide thereby being useful in various fields. The peptide of the invention having excellent activity and safety can be advantageously applied to drugs quasi drugs and cosmetics.

No. of Pages: 55 No. of Claims: 27

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ALTERNATIVE LIGAND FORMULATIONS FOR CELLULOSE PRODUCTS

(51) International classification :C09K8/20,C08L1/28,C09K8/10 (71)Name of Applicant :

(31) Priority Document No :61/528942 (32) Priority Date :30/08/2011

(33) Name of priority country :U.S.A.

(86) International Application No:PCT/EP2012/063914

Filing Date :16/07/2012 (87) International Publication No: WO 2013/029864

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)CP Kelco Oy

Address of Applicant: Kuhnamontie 2 Pl 500 FI 44101

,nekoski Finland

(72)Name of Inventor:

1)MAAS Antonius Franciscus

(57) Abstract:

This disclosure provides compositions suitable as drilling fluids completion fluids work over fluids or stimulation/fracking fluids which exhibit shale inhibiting thermostabilizing viscosifying and fluid loss reducing effects when used for these purposes. In some embodiments this disclosure provides compositions that include a cellulose product comprising the contact product of: at least one cellulosic ether; at least one salt of a polyvalent metal ion; and at least one ligand or a salt of the ligand. The resulting cellulose products are useful in drilling of oil gas and other wells.

No. of Pages: 44 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :25/03/2014

(21) Application No.2281/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: SPINNING MACHINE

(51) International classification	:D01H13/22,D01H5/56	(71)Name of Applicant:
(31) Priority Document No	:2011189726	1)Murata Machinery Ltd.
(32) Priority Date	:31/08/2011	Address of Applicant :3 Minami Ochiai cho Kisshoin Minami
(33) Name of priority country	:Japan	ku Kyoto shi Kyoto 6018326 Japan
(86) International Application No	:PCT/JP2012/071227	(72)Name of Inventor:
Filing Date	:22/08/2012	1)MORI Hideshige
(87) International Publication No	:WO 2013/031606	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a spinning machine capable of extending the service life of draft roller pairs without reducing the quality of spun yarn by controlling the movement and stopping of fiber bundles with respect to the draft roller pairs in accordance with the fiber bundle to be drafted. The spinning machine comprises: a moveable base part (25) on which a guide part (28) and a spinning part (3) are mounted; a drive part (26) for moving the moveable base part (25) parallel to the axial direction of rotation of draft rollers pairs(21 22 23 24); a detector (29) for detecting the position of at least one of the guide part (28) the spinning part (3) and the moveable base part (25); and a controller (7) for transmitting a position instruction signal to the drive part (26) on the basis of a detection signal from the detector (29) to apply positional control of the moveable base part (25) and thereby adjust the relative positional relationship between the guide part (28) and the spinning part (3) with respect to the draft roller pairs (21 22 23 24) to modify the position in which a fiber bundle (F) is gripped by the draft roller pairs (21 22 23 24).

No. of Pages: 39 No. of Claims: 13

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR COMBINING CO LOCATED FLOWMETERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/09/2012 :WO 2013/044004 :NA :NA :NA	(71)Name of Applicant: 1)DANIEL MEASUREMENT AND CONTROL INC. Address of Applicant:11100 Brittmoore Park Drive Houston Texas 77041 U.S.A. (72)Name of Inventor: 1)FORBES Graham Wylie 2)GROESCHEL Kerry Dwayne
Filing Date	:NA :NA	

(57) Abstract:

A system and method for ultrasonic flow metering. In one embodiment an ultrasonic flow metering system includes a passage for fluid flow and a plurality of ultrasonic flowmeters. Each of the ultrasonic flowmeters includes a pair of ultrasonic transducers and a flow processor. The pair of ultrasonic transducers is configured to form a chordal path across the passage between the transducers. The flow processor is coupled to the ultrasonic transducers. The flow processor is configured to measure the fluid flow through the spool piece based on outputs of the transducers of all of the ultrasonic flowmeters.

No. of Pages: 26 No. of Claims: 22

(21) Application No.2250/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PERFORMING DEMODULATION AND MODULATION ON SOFTWARE DEFINED RADIOS

(51) International classification :H04B1/00,H03D9/00,H04B1/50 (71)Name of Applicant:

(31) Priority Document No :61/532685 (32) Priority Date :09/09/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/CA2012/050608

:04/09/2012 Filing Date

(87) International Publication No: WO 2013/033840

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)PER VICES CORPORATION

Address of Applicant: 73 Strathcona Avenue Toronto Ontario

M4J 1G9 Canada (72)Name of Inventor:

1)WOLLESEN Victor

2)YAO Yi

(57) Abstract:

A system and method are provided for extracting and demodulating one or more channels in a radio signal. The method includes receiving a first radio signal using a radio frequency front end translating a first band of frequencies of the first radio signal to a second band of frequencies to generate a second radio signal digitizing the second radio signal to generate a digital signal extracting one or more additional band of frequencies of the digital signal each additional band of frequencies corresponding to a channel and demodulating one or more channels to generate a respective demodulated signal. In another aspect a system9 and method are provided for modulating and combining one or more channels into a radio signal.

No. of Pages: 30 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD FOR LINER SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B02C17/14 :61/626127 :21/09/2011 :U.S.A. :PCT/US2012/056490 :21/09/2012 :WO 2013/043971 :NA :NA	(71)Name of Applicant: 1)TELSMITH INC. Address of Applicant:10190 N. Industrial Dr. P.o. Box 539 Mequor WI 53092 U.S.A. (72)Name of Inventor: 1)VAN MULLEM Albert 2)HAVEN Matthew 3)DRICKEN Chuck 4)NEITZEL Sean
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(21) Application No.2251/DELNP/2014 A

(57) Abstract:

A liner system adapted for use with a rock crusher having a support bowl and a concave ring. The liner system comprises a collet that is adapted to apply a force to the concave ring and a collet adjuster that is adapted to lower and raise the collet in the preferred liner system the concave ring is removably retained in the support bowl of the rock crusher by the liner system. A method for adjusting a collet comprising providing such a liner system and adjusting the collet adjuster so as to removably retain the concave ring.

No. of Pages: 29 No. of Claims: 25

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PLUNGER ROD WITH DOSE SETTING MEANS AND INJECTION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Principles of the Application Number 	:14/09/2012 :WO 2013/037937 :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON FRANCE Address of Applicant: Rue Aristide Berg's F 38800 Le Pont De Claix France (72)Name of Inventor: 1)GRUNHUT Guillaume
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention relates to a plunger rod (1) for an injection device comprising a distal element (20) slidingly coupled to a proximal element (30) having one radially flexible branch (33) locking means (23 33 35) for selectively locking the distal element and the proximal element in a plurality of relative axial positions defining a plurality of intermediate positions of the plunger rod wherein the locking means is movable from a locked state in which the distal element and the proximal element are fixed with respect to each other in the axial direction and an unlocked state in which the distal element and the proximal element are displaceable in the axial direction with respect to each other when the radially flexible branch is displaced radially. The invention also relates to an injection device comprising such a plunger rod.

No. of Pages: 22 No. of Claims: 16

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ROLLER MILL AND METHOD FOR MILLING BRITTLE MILLING MATERIAL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International classification (30) P24/28,B30B15/30 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Address of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (72) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (72) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (72) Name of Inventor: (72) Name of Inventor: (72) Name of Inventor: (74) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (74) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (74) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (74) Name of Inventor: (75) Name of Inventor: (76) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (74) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (74) Name of Applicant: Graf Galen Str. 17 59269 Beckung Germany (72) Name of Inventor: (74) Name of Inventor: (75) Name of Inventor: (76) Name of Inventor: (77) Name of Inventor: (78) Name of Inventor: (78) Name of Inventor: (79) Name	RUPP INDUSTRIAL SOLUTIONS GMBH plicant :Graf Galen Str. 17 59269 Beckum ntor : Celix nann Volfgang
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(57) Abstract:

The roller mill according to the invention for milling brittle milling material (5) of different grain size has two milling rollers (1 2) which form a milling gap (3) therebetween and provides a delivery shaft (4) for feeding the milling material to the milling gap wherein at least one distributing device (7) is provided in the delivery shaft which distributing device is arranged above a center area (M) of the milling gap and extends across the milling gap perpendicularly to the longitudinal extension of the milling gap and covers 5 to 70% of the cross section of the delivery shaft. During the milling of the brittle milling material the milling material is delivered to the delivery shaft and milled in the milling gap wherein the milling material is introduced into the delivery shaft or diverted in the delivery shaft in such a way that coarser milling material accumulates in a center area of the milling gap with respect to the longitudinal extension of the milling gap than in the in the edge areas.

No. of Pages: 16 No. of Claims: 10

(21) Application No.2171/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE FOR REDUCING FRICTION BETWEEN SEALING PLATES OF FILTRATION UNITS AND USE THEREOF IN A FILTRATION METHOD

(51) International :B01D33/21,B01D33/48,B01D33/80

:NA

:NA

classification

(31) Priority Document No (32) Priority Date :NA (33) Name of priority country:NA

(86) International

:PCT/FR2011/052137 Application No :16/09/2011

Filing Date

(87) International Publication :WO 2013/038069

(61) Patent of Addition to **Application Number** Filing Date

(62) Divisional to **Application Number**

:NA :NA Filing Date

(71)Name of Applicant:

1)GAUDFRIN

Address of Applicant :45 rue de la Libert Btiment 1 F 78100

Saint Germain en Laye France

(72)Name of Inventor:

1)GAUDFRIN Guy

(57) Abstract:

The present invention relates to a device and a method for reducing friction between two plates (4.5) of a filtration unit said plates being rotated relative to one another by being subjected to axial pressing forces said plates being supported by the longitudinal end of a drum (1) secured to a rotary shaft (3) mounted on a bearing (6) and having internal collectors (11) and the opposite end of a casing (2) which is rotatably locked and supported by said shaft respectively characterised in that it includes at least one pulling system (8) engaging with the casing (2) by exerting a force intended to at least partially compensates for the axial forces pressing the plate (5) against the plate (4) in order to reduce friction while ensuring that tight mutual contact is maintained.

No. of Pages: 21 No. of Claims: 11

(21) Application No.2261/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CHEWY FOOD COMPOSITIONS

(51) International classification	:A23K1/00	(71)Name of Applicant:
(31) Priority Document No	:61/575874	1)NESTEC S.A.
(32) Priority Date	:29/09/2011	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/052804	(72)Name of Inventor:
Filing Date	:29/08/2012	1)BIGEARD Fanny
(87) International Publication No	:WO 2013/048659	2)PIBAROT Patrick
(61) Patent of Addition to Application	:NA	3)REYNES Pierre
Number		4)TELLIER Robert
Filing Date	:NA	5)GUFFEY Wendell Ray
(62) Divisional to Application Number	:NA	-
Filing Date	:NA	

(57) Abstract:

The invention provides food compositions having a chewy texture and methods for making the chewy food compositions. In one aspect the food composition includes a moisture content and an Aw sufficient to provide the food composition with a chewy texture. In one aspect an outer shell having a chewy texture encloses a soft meaty inner filling. The shell can have a moisture content ranging from about 15% to about 24% and an Aw ranging from about 0.7 to about 0.84.

No. of Pages: 23 No. of Claims: 60

(21) Application No.2262/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: TROPICALIZING AGENT

(51) International :A23L1/0524,A23G1/32,A23G1/40 classification

(31) Priority Document No :11182985.9

:27/09/2011 (32) Priority Date

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/069026 No

:27/09/2012 Filing Date

No

(87) International Publication :WO 2013/045523

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)NESTEC S.A.

Address of Applicant : Avenue Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor:

1)WHITEHOUSE Andrew Steven

Use of particles of insoluble water absorbing food ingredient such as dietary fibre as carrier for a humectant such as water of glycerol for the introduction of the humectant into a chocolate product. Furthermore a tropicalizing agent comprising discrete particles of insoluble food ingredient material such as citrus fibre particles loaded with water or humectant. That tropicalizing agent is dispersed in liquid fat such as cocoa butter. The tropicalizing agent is used to make chocolate products heat resistant.

No. of Pages: 41 No. of Claims: 16

(21) Application No.2263/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DUST EMISSION REDUCTION DURING METAL CASTING

(51) International :B22D5/04,B22D45/00,B08B15/02 classification

(31) Priority Document No :91880

(32) Priority Date :28/09/2011 (33) Name of priority country :Luxembourg

(86) International Application :PCT/EP2012/069127

No :27/09/2012 Filing Date

(87) International Publication :WO 2013/045577

No

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)PAUL WURTH S.A.

Address of Applicant :32 rue dAlsace L 1122 Luxembourg

Luxembourg

(72)Name of Inventor:

1)LESSMANN Hans Juergen

2)BOTH Ingo

3)HOUBART Michel 4)KINZEL Klaus Peter

5)NOUAILLE DEGORCE Gilles

(57) Abstract:

A method for reducing dust emissions in a metal or slag casting apparatus as well as a metal or slag casting apparatus allowing reducing dust emissions comprising an endless conveyor having a plurality of casting moulds with upper open tops and which endless conveyor is arranged to move said casting moulds in a first section from a casting station to a discharge station and in a second section back to the casting station the method comprising (a) providing a casing forming a bottomless box over at least part of the first section of the endless conveyor (b) injecting within said casing a gas on the surface of the mould with an angle sufficient to blow off loose solid particles such as graphite flakes formed at the surface of the metal during early stages of the cooling down and to start the solidification of a superficial layer of metal or slag (c) extracting the gas and the solid particles by suction from within said casing.

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: IMPLEMENTATION OF SECURE COMMUNICATIONS IN A SUPPORT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06F7/04 :13/248980 :29/09/2011 :U.S.A. :PCT/US2012/057918 :28/09/2012 :WO 2013/049571 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno Nevada 89507 U.S.A. (72)Name of Inventor: 1)ROTH Gregory B. 2)CRAHEN Eric D. 3)BAER Graeme D. 4)BRANDWINE Eric J.
(61) Patent of Addition to Application		3)BAER Graeme D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A support system negotiates secure connections on behalf of multiple guest systems using a set of credentials associated with the guest systems. The operation of the secure connection may be transparent to the guest system such that guest system may send and receive messages that are encrypted or decrypted by the support system such as a hypervisor. As the support system is in between the guest system and a destination the support system may act as a local endpoint to the secure connection. Messages may be altered by the support system to indicate to a guest system which communications were secured. The credentials may be managed by the support system such that the guest system does not require access to the credentials.

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

(21) Application No.2074/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DEVICE FOR DISTRIBUTING LIQUID IN THE FORM OF DROPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/09/2012 :WO 2013/041819 :NA :NA	(71)Name of Applicant: 1)REXAM HEALTHCARE LA VERPILLIERE Address of Applicant: 20 avenue de la Gare F 38290 La Verpilliere France (72)Name of Inventor: 1)JULIA Xavier 2)PAINCHAUD Gaetan 3)GREVIN Guillaume
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The device (10) comprises an orifice (16) for distributing drops said orifice being located on a distribution end and means (40) for visually locating the orifice through the creation of a demarcation area (40) featuring a color in high contrast to the other elements of the distribution end.

No. of Pages: 14 No. of Claims: 9

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(21) Application No.2126/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CLOUD MANAGEMENT SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F15/16 :13/248070 :29/09/2011 :U.S.A. :PCT/US2012/057433 :27/09/2012	(71)Name of Applicant: 1)UNISYS CORPORATION Address of Applicant:801 Lakeview Dr. Suite 100 M/s 2nw Blue Bell PA 19422 U.S.A. (72)Name of Inventor: 1)SALSBURG Michael A.

(57) Abstract:

An information technology system having a cloud resource management unit including attributes of the information technology system. At least one cloud connected to the cloud resource management unit each of the at least one clouds including attributes for contra fling a service provided by the corresponding cloud and an interface for modifying the attributes. The corresponding cloud provides the service to a user of the information technology system. The cloud resource management unit further including a attribute conversion unit to convert a received request to modify or retrieve the attributes of the information technology system to requests to modify or retrieve the attributes of one or more of the corresponding clouds.

No. of Pages: 29 No. of Claims: 20

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POLYMERIC MATERIAL FOR AN INSULATED CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08L23/10,C08J9/00 :61/529632 :31/08/2011 :U.S.A. :PCT/US2012/041397 :07/06/2012 :WO 2013/032552 :NA :NA :NA	Evansville IN 47706 0959 U.S.A. (72)Name of Inventor:
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(57) Abstract:

A formulation includes a polymeric material a nucleating agent a blowing and a surface active agent. The formulation can be used to form a container.

No. of Pages: 52 No. of Claims: 66

(21) Application No.2296/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR STARTING AN INTERNAL COMBUSTION ENGINE

(51) International :B60K6/12,F02N7/00,B60W30/192 classification

:WO 2013/083559

(31) Priority Document No :10 2011 088 080.1

(32) Priority Date :09/12/2011 (33) Name of priority country: Germany

(86) International Application :PCT/EP2012/074355

No :04/12/2012

Filing Date

(87) International Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)STEINBACH Timo 2)WEISSER Christoph

(57) Abstract:

The invention relates to a method for starting an internal combustion engine (4) in a hydraulic hybrid drivetrain (1) of a motor vehicle which comprises at least one hydraulic machine (8) in addition to the internal combustion engine (4). The aim of the invention is to optimize the operation of an internal combustion engine in a hydraulic hybrid drivetrain of a motor vehicle in particular with respect to the emissions released when starting the internal combustion engine. This is achieved in that the internal combustion engine (4) is brought to a target rotational speed by means of a hydraulic machine (8) or by means of an additional hydraulic machine said target rotational speed being greater than a starting rotational speed of the internal combustion engine (4).

No. of Pages: 11 No. of Claims: 10

(21) Application No.2297/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND DEVICE FOR CHECKING A FUNCTIONAL CAPABILITY OF AN INTERNAL COMBUSTION ENGINE WHICH IS OPERATED BY A MULTI FUEL SYSTEM

(51) International :F02D41/00,F02D41/22,F02D41/26

classification (31) Priority Document No :10 2011 087 988.9

(32) Priority Date :08/12/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/072499 No

:13/11/2012 Filing Date

(87) International Publication :WO 2013/083367

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)FAUTZ Oliver 2)DUBS Alexander 3)ANTONOV Sergey

(57) Abstract:

The invention relates to a method for checking a functional capability of an internal combustion engine which is operated by a multi fuel system in which method at least two control units (12) electronically control a combustion process of the internal combustion engine with another fuel wherein each control unit (12) has a dedicated safety concept and a system functionality of the multi fuel system is divided to the at least two control units (12). In order to specify an overall safety concept a control unit preferably one of the at least two control units (1 2) monitors the entire system functionality of the multi fuel system.

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

(21) Application No.2298/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HIGH PRESSURE PUMP

(51) International :F02M63/00,F04B27/10,F02M59/10

classification

(31) Priority Document No :102011086703.1 (32) Priority Date :21/11/2011 (33) Name of priority country: Germany

(86) International Application: PCT/EP2012/072105

No

:08/11/2012 Filing Date

(87) International Publication :WO 2013/075949

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)HAAG Werner

2)BOECKING Friedrich

The invention relates to a high pressure pump for a fuel injection arrangement of an internal combustion engine. The high pressure pump (2) has a pump housing (4) with a pump housing interior (6) charged with a fuel (100). At least one pump element having a pump piston (8) is arranged in the pump housing (4). The pump piston (8) is indirectly supported by a plunger body (10) and a roller (12) on a cam (14) or on an eccentric of a drive shaft (16). The plunger body (10) can be driven in an oscillating motion (Z) in the direction of a centre axis (I) via the cam (14) or the eccentric. A roller shoe (18) is firmly connected to the plunger body (10) in the direction of the centre axis (I). The roller shoe (18) has a substantially partially cylindrical recess (20) for partially accommodating the roller (12). According to the invention the roller shoe (18) has at least one lubrication chamber (22) fuel (100) being fed out of the pump housing interior (6) through the at least one lubricating chamber (22) during the oscillating motion (Z) of the plunger body (10) of the roller (12).

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

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: JET SOLDERING LEVEL CHECKING JIG AND METHOD OF HANDLING THE SAME

(51) International classification :B23K1/08,B23K1/00,B23K3/06 (71)Name of Applicant :

(31) Priority Document No :2012013020 (32) Priority Date :25/01/2012

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/050666

Filing Date :16/01/2013 (87) International Publication No: WO 2013/111651

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)SENJU METAL INDUSTRY CO. LTD.

Address of Applicant :23 Senju Hashido cho Adachi ku Tokyo

1208555 Japan

(72)Name of Inventor:

1)KAWASHIMA Yasuii 2)KUDOU Takanori 3)KOMINE Shigeo

4)SUGIHARA Takashi

5)HANZAWA Henri

(57) Abstract:

This jet soldering height checking jig is provided with as shown in FIG. 1: a conductive gauge member (10) that carries out at least either setting or measuring the height of a jet wave of molten solder; an insulating sliding holding member (20) that has a negative side electrode and a positive side electrode is slidably in contact with the negative side electrode and holds the gauge member (10) freely slidably; an LED display member (30) for checking contact operation which is provided on the sliding holding member (20) and connected with the negative side electrode; and a conductive bridging member (40) that has a length that can bridge between metal members on an upper part of a container that accommodates the molten solder is made to slidably contact the positive side electrode which is connected with the LED display member (30) and supports the sliding holding member (20). The gauge member (10) and the molten solder jet wave can be made to function as a drive switch (contact point) for the LED display member (30). As a result when the height of the jet wave for the molten solder is adjusted the state of the jet wave height for the molten solder reaching a jet wave target height can be confirmed by flashing of a light emission color intermittent beeping and the like.

No. of Pages: 38 No. of Claims: 11

(21) Application No.2264/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: NETWORK POLYMERS USEFUL FOR SUSPENDING PARTICLES

:NA

(51) International classification :C08F285/00,C
(31) Priority Document No :61/552624
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/061049

Filing Date :19/10/2012 7) International Publication No :WO 2013/062868

(87) International Publication No :WO (61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

:C08F285/00,C08F220/18 (71)Name of Applicant :

1)ROHM AND HAAS COMPANY

Address of Applicant :100 Independence Mall West

Philadelphia PA 19106 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor : 1)CREAMER Marianne P.

2)DOMBROWSKI Gary William

3)GREYSON Eric

4)WASSERMAN Eric P.

Polymer particles having an average diameter from 100 nm to 10 m where each particle comprises: (a) a core; and (b) lobes comprising at least 15 wt% polymerized residues of at least one C C carboxylic acid monomer.

No. of Pages: 16 No. of Claims: 10

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS OF MAKING AND ACCESSING CABLES HAVING ACCESS FEATURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G02B6/44 :61/546597 :13/10/2011 :U.S.A. :PCT/US2012/059651 :11/10/2012 :WO 2013/055855 :NA :NA	(71)Name of Applicant: 1)CORNING CABLE SYSTEMS LLC Address of Applicant:800 17th Street NW Hickory NC 28602 U.S.A. (72)Name of Inventor: 1)BRINGUIER Ann Germaine 2)GIMBLET Michael J 3)GREENWOOD Julian Latelle III 4)NAV‰ Samuel Don
Filing Date	:NA :NA	

(57) Abstract:

Cables jacket (30) are formed by extruding discontinuities (50) in a main cable jacket portion (55). The discontinuities allow the jacket to be torn to provide access to the cable core (20). The discontinuities can be longitudinally extending strips of material in the cable jacket and can be introduced into the extrudate material flow used to form the main portion through ports in the extrusion head. The discontinuities allow a section of the cable jacket to be pulled away from a remainder of the jacket using a relatively low peel force.

No. of Pages: 27 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :25/03/2014

(21) Application No.2294/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: PISTON PUMP FOR A VEHICLE BRAKE SYSTEM

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:Germany :PCT/EP2012/070858 :22/10/2012 :WO 2013/091931 :NA :NA	Germany (72)Name of Inventor: 1)BRAUN Rainer
	:NA :NA	

(57) Abstract:

In the case of a piston pump (10) for a vehicle brake system having a piston (20) which is mounted in a cylinder (16) so as to be movable along an axis and on which are arranged an inlet valve (32) for the introduction of fluid into the cylinder (16) and a sealing element (28) for sealing off the piston (20) with respect to the cylinder (16) and on which are formed a first piston portion (24) with a valve seat (38) of the inlet valve (32) and a second piston portion (26) as a piston rod it is provided according to the invention that the sealing element (28) is formed with a projection (84) which engages axially over at the first piston portion (24) as far as the second piston portion (26).

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

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : LOW PRESSURE UNIT FOR A PUMP IN PARTICULAR A FUEL HIGH PRESSURE PUMP OF A FUEL INJECTION DEVICE

(51) International :F02M59/06,F02M59/44,F02M59/48 classification

(31) Priority Document No :10 2011 087 701.0

(32) Priority Date :05/12/2011

(33) Name of priority country :Germany

(86) International PCT/EP2012/074236
Application No

Filing Date :03/12/2012

(87) International Publication No :WO 2013/083517

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)BOECKING Friedrich

(57) Abstract:

A low pressure unit for a pump in particular a fuel high pressure pump of a fuel injection device has a housing (38) in which are accommodated at least one delivery rate metering device (40) and an overflow valve (70). In the housing (38) there are formed a connecting duct (68) between a feed line (67) to the low pressure unit and the delivery rate metering device (40) a connecting duct (69) between the feed line (67) and the overflow valve (70) a connecting duct (62) between the delivery rate metering device (40) and the suction side of the pump and a return duct (71) between the overflow valve (70) and a return line. The delivery rate metering device (40) is in the form of an electromagnetically actuated control valve and the magnet coil (42) and a magnet sleeve (44) surrounding the latter of the electromagnet of the control valve are directly encapsulated by injection moulding or casting by the material of the housing (38) of the low pressure unit.

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

(21) Application No.2185/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: AN ARTICLE OF MANUFACTURE AND METHOD FOR ITS PREPARATION

(51) International :B29C43/00,B29C33/40,B29C70/06 classification

(31) Priority Document No :61/526956 (32) Priority Date :24/08/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/IL2012/050322 No

:23/08/2012 Filing Date

(87) International Publication :WO 2013/027219 No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)GREEN NEIGHBORHOOD LIMITED PARTNERSHIP

Address of Applicant: 7 Derech Menachem Begin 52681

Ramat Gan Israel (72)Name of Inventor: 1)ZACK Ramy

(57) Abstract:

The present disclosure provides an article of manufacture and a method for its production the article of manufacture comprising at least one support element (210) comprising fiber reinforced polyester (FRP) the at least one support element constructed in a form of a base (212) and at least two projections (214A 214B and 214C) extending from the base (212) the base (212) and at least two projections (214A 214B and 214C) forming together at least one compartment (216A 216B) which is filled with a composite material (220) comprising rubber particles (222).

No. of Pages: 27 No. of Claims: 63

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SURGICAL INSTRUMENT AND BUTTRESS MATERIAL

(51) International classification	:A61B17/072	(71)Name of Applicant:
(31) Priority Document No	:13/233664	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:15/09/2011	Address of Applicant :4545 Creek Road Cincinnati Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2012/054412	(72)Name of Inventor:
Filing Date	:10/09/2012	1)VASUDEVAN Venkataramanan Mandakolathur
(87) International Publication No	:WO 2013/039825	2)HUNT John V.
(61) Patent of Addition to Application	:NA	3)HUEIL Geoffrey C.
Number	:NA	4)NUR Israel
Filing Date	.11/1	5)FANUELE Greg J.
(62) Divisional to Application Number	:NA	6)KRAIMER Joseph B.
Filing Date	:NA	

(57) Abstract:

An apparatus including a surgical instrument may be used to sever and staple a portion of tissue. In some versions the apparatus comprises a retainer cap. The retainer cap is in communication with the surgical instrument. The apparatus also comprises buttress material operable to couple with a portion of the surgical instrument. In some versions the buttress material may comprise a plurality of tabs or other similar structures for coupling the buttress material to the surgical instrument. In some versions a cutter may be operable to decouple the buttress material from the surgical instrument.

No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International :B29B13/10,B29B17/04,B29C47/60

classification

(31) Priority Document No :A 1507/2011 (32) Priority Date :14/10/2011 (33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050160

No :12/10/2012 Filing Date

(87) International Publication: WO 2013/052988

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

(21) Application No.2308/DELNP/2014 A

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria (72)Name of Inventor: 1)FEICHTINGER Klaus 2)HACKL Manfred

(57) Abstract:

(19) INDIA

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). The length/diameter ratio of the screw (6) is = 7 and the effect of compression of the screw (6) starts only at a distance (A) of more than 1.5 times the diameter (d) of the screw (6).

No. of Pages: 30 No. of Claims: 17

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International :B29B13/10,B29B17/04,B29C47/10

classification

(31) Priority Document No :A 1503/2011 (32) Priority Date :14/10/2011 (33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050159

No :12/10/2012 Filing Date

(87) International Publication: WO 2013/052987

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

(21) Application No.2309/DELNP/2014 A

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria (72)Name of Inventor: 1)FEICHTINGER Klaus 2)HACKL Manfred

(57) Abstract:

(19) INDIA

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). The length/diameter ratio of the screw (6) is =7 and the angle of attack () of the radially outermost nearest to ground mixing and/or comminuting tool (3) is defined by the following relationship. = k d + K wherein d is the diameter of the screw (6) in mm K is a factor ranging from 15 to 35 and k is a factor ranging from 0.08 to 0.2.

No. of Pages: 30 No. of Claims: 22

(21) Application No.2175/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POLYAMIDE COMPOSITION HAVING HIGH THERMAL CONDUCTIVITY

(51) International classification :C08K3/22,C08K3/28,C08K3/38 (71)Name of Applicant:

(31) Priority Document No :1158628 (32) Priority Date :27/09/2011

(33) Name of priority country :France(86) International Application No:PCT/EP2012/068837

Filing Date :25/09/2012

(87) International Publication No: WO 2013/045426

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

Number :NA
Filing Date

1)RHODIA OPERATIONS

Address of Applicant :40 rue de la Haie Coq F 93306

Aubervilliers France (72)Name of Inventor: 1)YU Yeong Chool 2)KIM Tae Kyun

(57) Abstract:

The present invention relates to a composition containing a polyamide matrix having high thermal conductivity and including a nitride and a metal oxide as well as optionally a flame retardant system. Said composition can be used in particular for producing components for lighting apparatuses including light emitting diodes.

No. of Pages: 18 No. of Claims: 14

(21) Application No.2259/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: OPHTHTALMIC COMPOSITIONS COMPRISING PROSTAGLANDIN F2 ALPHA DERIVATIVES AND HYALURONIC ACID

(51) International :A61K9/00,A61K31/5575,A61K47/36 classification

(31) Priority Document No :11306137.8

(32) Priority Date :12/09/2011 (33) Name of priority :EPO

country

(86) International

:PCT/EP2012/003810 Application No

:11/09/2012 Filing Date

(87) International :WO 2013/037479

Publication No (61) Patent of Addition to

:NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)VISIOTACT PHARMA

Address of Applicant :13 Rue Moreau F 75012 Paris France

(72)Name of Inventor: 1)HADJ SLIMANE Rda

(57) Abstract:

The present invention relates to a composition comprising at least one analogue of prostaglandin as active compound and a stabilizing amount of at least one hyaluronic acid or a salt thereof said composition being preservative free; and to the use thereof for use in treating ocular hypertension and/or glaucoma in a subject in need thereof.

No. of Pages: 49 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :25/03/2014

(21) Application No.2260/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: TECHNOLOGY ALTERNATIVE TO MONEY FOR ENABLING EQUITABLE TRADE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06Q40/00 :1117954.6 :18/10/2011 :U.K. :PCT/US2012/060514 :17/10/2012 :WO 2012/174576 :NA :NA	(71)Name of Applicant: 1)HAY Martin Alexander Address of Applicant: White Cottage 33 Castle Hill Prestbury Cheshire SK10 4AS U.K. 2)HAY Frances Geralyn Boul (72)Name of Inventor: 1)HAY Martin Alexander 2)HAY Frances Geralyn Boul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Technology alternative to money for enabling equitable trade between users. The technology embodies chiralkine money and chiralkine property rights created as vectors through chiralkine contracts made by a recorder that maintains an open register and a trading pair of two users.

No. of Pages: 36 No. of Claims: 11

(21) Application No.2290/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS FOR PRODUCING BIOCOMPATIBLE MATERIALS

(51) International classification :C08F230/02,C08F230/08,C08F236/20

(31) Priority Document No:61/530121 (32) Priority Date :01/09/2011 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2012/053370

Filing Date :31/08/2012

(87) International Publication No :WO 2013/033553

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)VERTELLUS SPECIALTIES INC.

Address of Applicant :201 North Illinois Street Suite 1800

Indianapolis Indiana 46204 U.S.A.

(72)Name of Inventor: 1)DRIVER Michael 2)HOU Qingpu

3)WANG Jin Hai

(57) Abstract:

A method for producing polymerisable solution which comprises dissolving an ethylenically unsaturated zwitterionic monomer in a co monomer system comprising a functionalised ethylenically unsaturated monomer in which the zwitterionic monomer is soluble a siloxane group containing monomer or macromer and a crosslinking agent is disclosed. The polymerisable solution is biocompatible and can be used to produce polymers and articles such as contact lenses.

No. of Pages: 82 No. of Claims: 32

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FIBRIN PAD MATRIX WITH SUSPENDED HEAT ACTIVATED BEADS OF ADHESIVE

(51) International :A61B17/128,A61B17/072,A61B17/00 classification

(31) Priority Document No:13/233633 :15/09/2011 (32) Priority Date (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2012/054407 Application No

:10/09/2012 Filing Date

(87) International

:WO 2013/039822 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ETHICON ENDO SURGERY INC.

Address of Applicant :4545 Creek Road Cincinnati Ohio

45242 U.S.A.

(72)Name of Inventor: 1)MILLER Matthew C.

2)WANG Yi Lan 3)NUR Israel

4)ZINGMAN Aron O.

(57) Abstract:

A surgical instrument includes a handle portion a shaft housing a firing bar an end effector comprising an anvil a lower jaw and a stapling and severing assembly responsive to a longitudinal closing motion produced by the handle portion and the shaft. The lower jaw is configured to receive a cartridge when in an open position. The cartridge includes a housing a plurality of staples disposed in the housing and a deck disposed over the plurality of staples. The deck defines apertures with each aperture being substantially disposed over each staple. The cartridge further receives a matrix including glue beads suspended in the matrix. The staples are driven through the matrix to secure the matrix to tissue. The glue beads are activated when the matrix is secured to the tissue such that the activated adhesive further secures the staple line in the tissue.

No. of Pages: 30 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :26/03/2014

(21) Application No.2311/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International

:B29B13/10,B29B17/04,B29C47/10

classification

(31) Priority Document No :A 1501/2011 (32) Priority Date :14/10/2011

(33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050152

Filing Date

:12/10/2012

(87) International Publication: WO 2013/052980

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(57) Abstract:

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)EREMA ENGINEERING RECYCLING MASCHINEN

UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052 Ansfelden Austria

(72)Name of Inventor:

1)FEICHTINGER Klaus 2)HACKL Manfred

THE INVENTION RELATES TO AN APPARATUS FOR PREPROCESSING AND SUBSEQUENTLY CONVEYING OR PLASTICIZING PLASTICS COMPRISING A CONTAINER (1) WITH A MIXING AND/OR COMMINUTING TOOL (3) THAT CAN ROTATE ABOUT A ROTATIONAL AXIS (10) WHEREIN AN OPENING (8) IS FORMED IN A LATERAL WALL (9) THROUGH WHICH THE PLASTIC MATERIAL CAN BE DISCHARGED AND A MULTIPLE SCREW CONVEYOR (5) IS PROVIDED WITH A SCREW (6) ROTATING IN A HOUSING (16). THE INVENTION IS CHARACTERIZED IN THAT THE IMAGINARY EXTENSION OF THE LONGITUDINAL AXIS (15) OF THE CONVEYOR (5) PASSES BY THE ROTATIONAL AXIS (10) COUNTER THE CONVEYING DIRECTION (17) WHEREIN THE LONGITUDINAL AXIS (15) IS ON THE OUTLET SIDE OFFSET BY A DISTANCE (18) IN RELATION TO THE RADIAL (11) THAT IS PARALLEL TO THE LONGITUDINAL AXIS (15). THE RADIAL DISTANCE OF THE TOOL (MB) TO THE INNER SURFACE OF THE LATERAL WALL (9) OF THE CONTAINER (1) LIES IN THE RANGE OF 15 MM TO 120 MM MEETING THE FOLLOWING RELATIONSHIP: MB = K D WHEREIN D IS THE INNER DIAMETER OF THE CONTAINER (1) IN MM AND K IS A CONSTANT IN THE RANGE FROM 0.006 TO 0.16.

No. of Pages: 28 No. of Claims: 19

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CASTING CUP ASSEMBLY FOR FORMING AN OPHTHALMIC DEVICE

(51) International classification (31) Priority Document No (32) Priority Date	:13/763,381 :08/02/2013	Address of Applicant :7500 CENTURION PARKWAY,
(33) Name of priority country(86) International Application No	:U.S.A. :NA	JACKSONVILLE, FL 32256, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)VINCENT H. BARRE 2)SCOTT F. ANSELL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)GREGORY L. BERCKMILLER 4)TIMOTHY BURKILL
(62) Divisional to Application Number Filing Date	:NA :NA	5)MARK MCCONNELL

(57) Abstract:

Disclosed in this specification is a casting cup assembly comprising frontewe and basecurve molds which of which includes a ring that circumscribes the respective concave and convex mold surface. When the casting cup is assembled, the rings align and minimize decentering and tilting of the concave and convex mold surfaces which, in turn, reduces edge defects. Page 18 of 18

No. of Pages: 25 No. of Claims: 14

(21) Application No.1859/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING THE AVAILABILITY OF A LANE FOR A GUIDED VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/09/2012 :WO 2013/045315 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS S.A.S. Address of Applicant: 9 Boulevard Finot F 93200 St. Denis France (72)Name of Inventor: 1)MURA Jean Pol 2)FORNI Virginie 3)NOGUEIRA ALVES Clara
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method and a system for determining the availability of a lane wherein said system is to be provided on a guided vehicle (1) capable of moving on a lane (2) in an upstream to downstream direction and said system includes: at least one camera (31) capable of acquiring at least one image (311) of a downstream section of said lane (2) said downstream section being a portion of the lane extending from a first point (P1) of said lane (2) located downstream from the guided vehicle (1) to a second point (P2) of said lane (2) located downstream from said guided vehicle (1) the distance between the camera (31) and the second point (P2) being greater than the distance between the camera and the first point (P1); at least one image processing and analysis device (32) capable of analyzing each image (311) acquired by each camera (31) locating said downstream section therein determining a safety downstream distance as well as the status of the availability of the lane (2) between said first point (P1) and said second point (P2).

No. of Pages: 27 No. of Claims: 15

(21) Application No.1904/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POLYMER COMPOSITION CONTAINING A THERMOPLASTIC POLYESTER ELASTOMER

(51) International classification :C08K5/00,C08K5/3475,C08K5/3492

(31) Priority Document No :11182466.0 (32) Priority Date :23/09/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/068403

Application No
Filing Date

FC1/EF201

:19/09/2012

(87) International

Publication No :WO 2013/041552

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant: 1)DSM IP Assets B.V.

Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72)Name of Inventor:

1)HEUVEL VAN DEN Paul Willem Jan

2)GIJSMAN Pieter

(57) Abstract:

Polymer composition containing a thermoplastic polyester elastomer which contains hard segments of a polyester and soft segments that contain monomer units of a dimerised fatty acid and/or a derivative thereof which polymer composition contains at least 0.1 wt % of a UV absorber.

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

(19) INDIA

(22) Date of filing of Application :13/03/2014

(21) Application No.1906/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: WINDSCREEN WIPER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60S1/38 :NA :NA :NA :NA :PCT/EP2011/064961 :31/08/2011 :WO 2013/029668 :NA :NA	(71)Name of Applicant: 1)FEDERAL MOGUL S.A. Address of Applicant: Avenue Champion B 6790 Aubange Belgium (72)Name of Inventor: 1)BOLAND Xavier
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

A windscreen wiper device (1) of the flat blade type particularly for automobiles comprising an elastic elongated carrier element as well as an elongated wiper blade (2) of a flexible material which can be placed in abutment with a windscreen to be wiped which wiper blade includes at least one longitudinal groove (3) in which groove at least one longitudinal strip (4) of the carrier element is disposed which windscreen wiper device comprises a connecting device (5) for an oscillating arm (6) wherein said oscillating arm can be pivotally connected to said connecting device about a pivot axis near one end thereof with the special feature that said connecting device is connected to said wiper blade at least two locations spaced apart in longitudinal direction of said wiper blade in order to evenly distribute a force exerted by the oscillating arm onto the wiper blade.

No. of Pages: 24 No. of Claims: 17

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN NULAR COMBUSTION CHAMBER IN A TURBOMACHINE

:NA

:NA

(51) International classification :F23R3/16,F23R3/50,F23R3/18 (71)Name of Applicant : (31) Priority Document No :1159715 1)SNECMA Address of Applicant :2 boulevard du Gnral Martial Valin F (32) Priority Date :26/10/2011 (33) Name of priority country :France 75015 Paris France (72)Name of Inventor: (86) International Application No: PCT/FR2012/052415 Filing Date :22/10/2012 1)BOURGOIS Sbastien Alain Christophe (87) International Publication No: WO 2013/060974 2)SANDELIS Denis Jean Maurice (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

The invention relates to an annular combustion chamber of a turbomachine comprising two coaxial walls one internal (18) and one external (20) of revolution connected at the upstream end by an annular combustion chamber end wall through which there pass injection systems each comprising an injector and at least one swirler intended to produce a swirling airflow that mixes downstream with the fuel coming from the injector and at least one ignition plug (42) mounted in an orifice in the outer wall (20) of revolution downstream of the injection systems. The plug (42) is situated circumferentially between two adjacent injection systems (S1 S2) which are configured to produce layers of air/fuel mixture that rotate in opposite directions (B C).

No. of Pages: 23 No. of Claims: 10

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD OF MAKING NON ALCOHOLIC AND ALCOHOLIC TODDY DRINKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A23L2/38 :61/526285 :23/08/2011 :U.S.A. :PCT/CA2012/050581 :22/08/2012 :WO 2013/026165 :NA :NA	(71)Name of Applicant: 1)PAUL Thyvalikakath Mathew Address of Applicant:8444 Fox Ridge Road Pittsburgh Pennsylvania 15237 U.S.A. 2)THYVALIKAKATH Thankam Paul (72)Name of Inventor: 1)PAUL Thyvalikakath Mathew 2)THYVALIKAKATH Thankam Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method steps to manufacture non alcoholic and alcoholic toddy drinks by use of only irradiation (gamma irradiation) or only filtering. The present invention will enable the shelf life of the toddy drink to be extended for several months and possibly years without change in the nature and taste of the toddy drink. One embodiment of the present invention can be used to preserve the toddy drink before fermentation starts to produce a sweet organic soft (non alcoholic) drink. Another embodiment can be used to control fermentation of the toddy drink to produce a sweet organic hard (alcoholic) drink. Irradiation or filtration keeps the food material almost intact and at the same time destroys the microbes and parasites. Irradiation can be done after packing or bottling in small measures or in bulk quantities. Filtration is performed in bulk quantities.

No. of Pages: 13 No. of Claims: 24

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SCENE CHANGE DETECTION FOR PERCEPTUAL QUALITY EVALUATION IN VIDEO SEQUENCES

(51) International classification :H04N5/14 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT/EP2011 Filing Date :11/10/2011 (87) International Publication No :WO 2013/05. (61) Patent of Addition to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden 2)DEUTSCHE TELEKOM AG (72)Name of Inventor: 1)PETTERSSON Martin 2)ARGYROPOULOS Savvas 3)LINDEGREN David 4)LIST Peter
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(57) Abstract:

There are provided a plurality of methods for detecting a scene change in a streamed video the streamed video comprising a series of pictures. An example method comprises calculating for a plurality of positions a difference between the costs of coding macro blocks at the same position in successive pictures. The method further comprises identifying a new scene when the sum of the differences for a plurality of positions meets a threshold criterion. There is further provided a method of determining the perceptual impact of a packet loss on a streamed video the method comprising: identifying a packet loss; and determining if the lost packet contained information relating to a picture at the start of a new scene wherein a new scene is detected using one of the methods disclosed herein.

No. of Pages: 44 No. of Claims: 31

(21) Application No.2329/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BRIDGED ALKYLPHENOL COMPOUNDS

(51) International classification :C07C323/20,C10M135/30 (71)Name of Applicant : (31) Priority Document No :61/549286

(32) Priority Date :20/10/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/060389 Filing Date :16/10/2012 (87) International Publication No :WO 2013/059173

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number: NA Filing Date :NA

1)THE LUBRIZOL CORPORATION

Address of Applicant :29400 Lakeland Blvd. Wickliffe Ohio

44092 2298 U.S.A.

(72)Name of Inventor: 1)COOK Stephen J.

2)FRIEND Christopher L. 3)WALKER Gary M.

(57) Abstract:

A bridged dimeric or oligomeric phenolic compound comprising: at least one monomer unit (a) of phenol or an alkyl substituted phenol wherein the alkyl group contains 1 to 8 carbon atoms or mixtures thereof; at least one monomer unit (b) of an aliphatic hydrocar byl substituted phenol wherein the aliphatic hydrocarbyl group contains at least about 25 carbon atoms or mixtures thereof; and at least one sulfur containing or carbon containing bridging group; or a salt of said oligomeric material; wherein the average number of carbon atoms in said alkyl groups and said aliphatic hydrocarbyl groups is 10 to 100.

No. of Pages: 29 No. of Claims: 19

(21) Application No.2330/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BEARING DEVICE

(51) International classification :F16C33/66,F16C19/16,F16C19/52

(31) Priority Document No :2011199021

(32) Priority Date :13/09/2011(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/072716

No :06/09/2012

Filing Date .00/09/201

(87) International Publication :WO 2013/038982

(61) Patent of Addition to :NA

Application Number :NA Filing Date :NA

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)NTN CORPORATION

Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku

Osaka shi Osaka 5500003 Japan

(72)Name of Inventor : 1)ITO Hiroyoshi 2)OOMOTO Kaoru

(57) Abstract:

The present invention addresses the problem of providing a bearing device provided with an oil supply device (13) that is energy efficient and without the use of a pump can supply a lubricating oil from a lubricating oil tank (39) to a rolling element bearing (11) with no time lag. This bearing device (10) which comprises the combination of a rolling element bearing (11) and an oil supply device (13) is characterized in that said oil supply device (13) comprises the following: a lubricating oil tank (39) that stores pressurized lubricating oil and has a lubricating oil outlet; a valve that opens and closes the outlet in the lubricating oil tank; a drive unit that drives said valve; and a power supply unit that generates electrical energy to drive the drive unit. This bearing device is further characterized in that the oil supply device is attached either to the rolling element bearing (11) or to a spacer (12) adjacent thereto.

No. of Pages: 65 No. of Claims: 10

(21) Application No.2226/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR OPERATING A REPEATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04B7/26 :13/238769 :21/09/2011 :U.S.A. :PCT/IB2012/054948 :18/09/2012 :WO 2013/042045 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: 16483 16483 Stockholm Sweden (72)Name of Inventor: 1)GUNNARSSON Fredrik 2)FRENGER Pl
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of operating a repeater for wireless communication includes broadcasting from the repeater a pilot signal in a service area associated with the repeater. The pilot signal carries a scrambling code that permits mobile terminals to decode information transmitted by the repeater. The method further includes receiving a request to initiate communication from a mobile terminal that has received the pilot signal and in response to receiving the request establishing a communication link with the mobile terminal. The method further includes receiving at a first antenna of the repeater data transmitted wirelessly by the mobile terminal and transmitting over a second antenna of the repeater the received data to a base station.

No. of Pages: 36 No. of Claims: 29

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MULTI LAYERED MULTI BAND ANTENNA

(51) International classification	:H01Q7/00,H01Q9/36	(71)Name of Applicant :
(31) Priority Document No	:61/530902	1)DOCKON AG
(32) Priority Date	:02/09/2011	Address of Applicant :Gartenstrasse 10 CH 8002 Zurich
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/053235	(72)Name of Inventor:
Filing Date	:30/08/2012	1)BROWN Forrest James
(87) International Publication No	:WO 2013/033462	2)ORSI Ryan James
(61) Patent of Addition to Application	:NA	3)FOSTER Matthew Robert
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments provide multi band compound loop antennas (multi band antennas). Embodiments of the multi band antennas produce signals at two or more frequency bands with the two or more frequency bands capable of being adjusted and tuned independently of each other. Embodiments of a multi band antenna are comprised of at least one electric field radiator and at least one monopole formed out of the magnetic loop. At a particular frequency the at least one electric field radiator in combination with various portions of the magnetic loop resonate and radiate an electric field at a first frequency band. At yet another particular frequency the at least one monopole in combination with various portions of the magnetic loop resonate and radiate an electric field at a second frequency band. The shape of the magnetic loop can be tuned to increase the radiation efficiency at particular frequency bands and enable the multi band operation of antenna embodiments.

No. of Pages: 54 No. of Claims: 14

(21) Application No.2334/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: COMPOSITE HEAT SOURCE FOR A SMOKING ARTICLE

:NA

(51) International classification :A24B15/16,A24F47/00 (71)Name of Applicant : (31) Priority Document No 1)PHILIP MORRIS PRODUCTS S.A. :11196058.9 (32) Priority Date :29/12/2011 Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchatel (33) Name of priority country :EPO Switzerland (86) International Application No (72)Name of Inventor: :PCT/EP2012/077033 Filing Date :28/12/2012 1)RAETHER Friedrich (87) International Publication No :WO 2013/098380 2)FRIEDRICH Holger (61) Patent of Addition to Application 3)BABER Jens :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A composite heat source (6) for use in a smoking article comprises: a non combustible porous ceramic matrix (16); and a particulate combustible fuel (18) embedded within the non combustible porous ceramic matrix (16). The non combustible porous ceramic matrix is formed from one or more particulate materials having a median D50 particle size at least five times less than the median D50 particle size of the particulate combustible fuel. Preferably the non combustible porous ceramic matrix (16) comprises one or more transition metal oxides.

No. of Pages: 21 No. of Claims: 15

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : TECHNIQUES FOR ACCESSING LOGICAL NETWORKS VIA A PROGRAMMATIC SERVICE CALL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06F15/177 :13/252604 :04/10/2011 :U.S.A. :PCT/US2012/000479 :04/10/2012 :WO 2013/052115 :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor: 1)HEGG Joel C. 2)FURR Michael B. 3)MILLER Kevin C. 4)SCHULTZE Eric W. 5)DOANE Andrew J.
	:NA :NA	<i>'</i>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are various embodiments for configuring logical networks. A client makes a request through a service call for creation of a logical network including a logical network gateway and accounts for users to access the logical network gateway. In response to the service call the logical network is created and configured and a confirmation is provided to the client.

No. of Pages: 47 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH DENSITY STORAGE FACILITY

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:13/241326	1)CORCORAN John F.
(32) Priority Date	:23/09/2011	Address of Applicant :205 Scudder Avenue Hyannis MA
(33) Name of priority country	:U.S.A.	02601 U.S.A.
(86) International Application No	:PCT/US2012/055669	(72)Name of Inventor:
Filing Date	:15/09/2012	1)CORCORAN John F.
(87) International Publication No	:WO 2013/043515	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2340/DELNP/2014 A

(57) Abstract:

A high density storage facility including a plurality of rows of independently movable carriage racks each row having a plurality of the independently movable carriage racks. Each carriage rack has a height a length and a width and defines a plurality of tiers each tier defining at least one storage slot the slots extending substantially the length of the carriage racks and being substantially open and accessible for inserting and removing objects into and from the width ends of the carriage racks. The carriage racks are disposed within the floor area and are independently movable along the floor in a direction consistent with the width of the floor area.

No. of Pages: 42 No. of Claims: 13

(19) INDIA

(21) Application No.2232/DELNP/2014 A

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: VEHICLE DRIVING ASSISTANCE SYSTEM

(57) Abstract:

In a system that assists the driving of a vehicle when an object is recognized in the host vehicle s direction of travel the invention acquires one or multiple avoidance target paths enabling the avoidance of a collision between the object and host vehicle said path being acquired on the basis of the host vehicle s travel status. If the acquired avoidance target paths exist in both left and right directions relative to the host vehicle with the object between said avoidance target paths control related to host vehicle braking is performed and control related to host vehicle turning is not performed.

No. of Pages: 40 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BIASING SHAVING RAZORS

(51) International classification :B26B21/52,E (31) Priority Document No :61/541678 (32) Priority Date :30/09/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/055957 Filing Date :19/09/2012

(87) International Publication No :WO 2013/048830

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:B26B21/52,B26B21/22 (71)Name of Applicant :

1)THE GILLETTE COMPANY

(21) Application No.2233/DELNP/2014 A

Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts

02127 U.S.A.

(72)Name of Inventor: 1)WAIN Kevin James

2)WESTER Christian Reber

(57) Abstract:

A shaving razor 50 with a handle 200 having an elongated gripping section 210 with a pair of spaced apart integral arms 220 222 defining a slot 224 having a slot width extending into the elongated gripping section. A cartridge support member 250 252 is integral with and extends outwardly from each of the spaced apart arms. A cartridge 10 has a housing 12 with a guard 22 a cap 24 and at least one blade 26 between the cap and the guard. A bottom surface 14 of the housing has a cam face 104 106 under the guard. Each cam face defines an open space and slidingly engages one of the cartridge support members for receiving forces from the handle to bias the cartridge in a rest position. The cartridge pivots relative to the handle between the rest position and a pivot position. The slot width is greater in the rest position than the slot width in the pivot position.

No. of Pages: 28 No. of Claims: 15

(21) Application No.2348/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: GROUND ENGAGING IMPLEMENT TOOTH ASSEMBLY WITH TIP AND ADAPTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/10/2012 :WO 2013/052810 :NA :NA :NA	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant:100 N.E. Adams Street Peoria IL 61629 9510 U.S.A. (72)Name of Inventor: 1)RENSKI William J. 2)LAHOOD James Robert
Filing Date	:NA	

(57) Abstract:

A ground engaging tip (14 150 180 190 210) of a tooth assembly (10) for a base edge (18) of a ground engaging implement (1 6) is provided wherein the tooth assembly (10) includes an adapter (12 170) configured for attachment to a base edge (18) of the ground engaging implement (1 6) and having a forwardly extending adapter nose (26). The adapter nose (26) and an adapter cavity (120) of the tip (14 150 180 190 210) may be configured with surfaces (122 124 126 128 130) to increase retention when downward forces are applied to the tip (14 150 180 190 210).

No. of Pages: 74 No. of Claims: 10

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS AND APPARATUS FOR INTERFERENCE MANAGEMENT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:H04J11/00,H04W36/20,H04W72/04 :61/540697 :29/09/2011 :U.S.A. :PCT/IB2011/055875 :21/12/2011 :WO 2013/045981 :NA :NA	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY Address of Applicant: Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor: 1)AGRAWAL Rajeev 2)LEELAHAKRIENGKRAI Rangsan 3)BEDEKAR Anand S. 4)HAN Guang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and techniques for managing the use of almost blank subframes in wireless communication systems. Base stations in a wireless network monitor load information affecting network nodes. Load information may be in the form of load metric information. The load information may be exchanged between system elements and an almost blank subframe proportioning may be updated by one or more of the base stations and information relating to the updated proportioning. The updated almost blank subframe proportioning may be used in scheduling and load metric calculation as well as almost blank subframe patterning. Updating of almost blank subframe information and load metric information may be performed iteratively.

No. of Pages: 34 No. of Claims: 78

(21) Application No.2353/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: MIRROR COMPRISING A SILVERING MODIFYING LAYER

(51) International

:G02B5/08,B29D11/00,C03C17/34

classification

(31) Priority Document No :1159214

(32) Priority Date

:12/10/2011 (33) Name of priority country: France

:WO 2013/054045

No

(86) International Application :PCT/FR2012/052306

:11/10/2012 Filing Date (87) International Publication

No

(61) Patent of Addition to

Application Number Filing Date

:NA (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SAINT GOBAIN GLASS FRANCE

Address of Applicant :18 Avenue dAlsace F 92400

Courbevoie France (72)Name of Inventor:

1)FAURE Rgine 2)RACHET Vincent

(57) Abstract:

The invention relates to a coloured mirror comprising a transparent substrate and a reflecting layer comprising a colouring layer between said substrate and said reflecting layer said colouring layer comprising a matrix and a colorant. The invention also relates to a method of preparing a mirror comprising a transparent substrate and a reflecting layer a colouring layer between said substrate and said reflecting layer said colouring layer comprising a matrix and a colorant comprising the making of the colorant layer on the substrate and then the depositing of the reflecting layer on the colouring layer.

No. of Pages: 16 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SPINNING MACHINE

(51) International classification :D01H13/22,D01H1/115,D01H5/56

:WO 2013/031607

(31) Priority Document No :2011189727 (32) Priority Date :31/08/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/071228

No :22/08/2012

Filing Date .22/08/2012

(87) International Publication No

(61) Patent of Addition to

Application Number :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA
Number :NA
Filing Date

Fining Date

(71)Name of Applicant :

1)Murata Machinery Ltd.

Address of Applicant :3 Minami Ochiai cho Kisshoin Minami

ku Kyoto shi Kyoto 6018326 Japan

(21) Application No.2284/DELNP/2014 A

(72)Name of Inventor: 1)MORI Hideshige

(57) Abstract:

Provided is a spinning machine for modifying the position in which a fiber bundle is gripped by draft roller pairs to extend the service life of the draft roller pairs and in which the spinning part can be separated from the draft roller pairs during maintenance to facilitate maintenance. The spinning machine comprises: a draft roller pair (21 22 23 24) for drafting a fiber bundle (F); a spinning part (3) for twisting a fiber bundle (F) drafted by the draft roller pair (21 22 23 24) and spinning a spun yarn (Y); a holding part (26) for holding the spinning part (3); a moveable base part (25) on which the holding part (26) is mounted; a drive part (27) for moving the moveable base part (25) parallel to the axial direction of rotation of draft rollers pair (21 22 23 24); and a support shaft (251 252) for moveably supporting the moveable base part (25) and supporting the holding part (26) so that the spinning part (3) can freely approach or move away from the draft rollers pair (21 22 23 24).

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

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PRODUCTION OF ISOPROPANOL BY IMPROVED RECOMBINANT STRAINS

(51) International classification: C07C29/04,C07C31/10,C12P7/04 (71)Name of Applicant:

(31) Priority Document No :11 59175 (32) Priority Date :11/10/2011

(33) Name of priority country :France

(86) International Application :PCT/FR2012/052239

Filing Date

:03/10/2012

(87) International Publication

:WO 2013/054022

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)IFP ENERGIES NOUVELLES

Address of Applicant: 1 et 4 avenue de Bois Prau F 92852

Rueil Malmaison Cedex France

2)STICHTING DIENST LANDBOUWKUNDIG

ONDERZOEK

(72)Name of Inventor:

1)COLLAS Florent

2)MARCHAL Rmv 3)CLEMENT Benjamin

4)LOPEZ CONTRERAS Ana Maria

5)CLAASSEN Pieternel A.M.

(57) Abstract:

The present invention relates to an expression vector including: nucleic acids encoding the polypeptides forming a polypeptide complex having an enzymatic activity suitable for converting acetoacetyl CoA into acetoacetate; optionally at least one nucleic acid encoding a polypeptide having an enzymatic activity suitable for converting acetoacetate into acetone; and at least one nucleic acid encoding a polypeptide having an enzymatic activity suitable for converting acetone into isopropanol the expression of said nucleic acids being controlled by a single constitutive promoter located upstream from the aforementioned nucleic acids.

No. of Pages: 34 No. of Claims: 9

(21) Application No.2350/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HANDOVER MANAGEMENT BASED ON LOAD

(51) International classification :H04W36/30,H04W36/24 (71)Name of Applicant : (31) Priority Document No :61/540697

(32) Priority Date :29/09/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2011/055874

Filing Date :21/12/2011 (87) International Publication No :WO 2013/045980

(61) Patent of Addition to Application :NA :NA

Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)NOKIA SIEMENS NETWORKS OY

Address of Applicant: Karaportti 3 FI 02610 Espoo Finland

(72)Name of Inventor:

1)AGRAWAL Rajeev

2) LEELAHAKRIENGKRAI Rangsan

3)BEDEKAR Anand S.

4)HAN Guang

(57) Abstract:

Systems and techniques for handover management in wireless communication networks. An apparatus such as a base station receives information relating to load conditions and computes handover threshold information based on the information relating to the load conditions. The information relating to the load conditions may comprise information received from other base stations and the base station may in turn share its own information. Information may be shared through direct communication between base stations or may be managed by a controller. Handover thresholds may be set for user devices based on the load metric information.

No. of Pages: 35 No. of Claims: 87

(21) Application No.2351/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ORGANIC TUNGSTEN COMPLEXES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07F11/00 :61/563204 :23/11/2011 :U.S.A. :PCT/US2012/059915 :12/10/2012 :WO 2013/077948 :NA :NA	(71)Name of Applicant: 1)VANDERBILT CHEMICALS LLC. Address of Applicant: 30 Winfield Street Norwalk CT 06855 U.S.A. (72)Name of Inventor: 1)BOUDREAU SR. David
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to an organic tungsten complex prepared by providing a strongly acidic tungsten precursor having pH = 2.5 and either reacting the tungsten precursor with a nitrogenous base to form a tungsten salt intermediate having a pH ranging from = 5 to = 8.5 and further reacting the tungsten salt intermediate with a fatty acid derivative of an alcohol wherein the fatty acid derivative of an alcohol contains at least one free hydroxyl group; or reacting the tungsten precursor with a fatty acid derivative of an alcohol wherein the fatty acid derivative of an alcohol contains at least one free hydroxyl group and a nitrogenous base. Further this invention relates to lubricating compositions containing the inventive tungsten complexes.

No. of Pages: 32 No. of Claims: 18

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

:NA

(54) Title of the invention: HOST COMPUTING DEVICES CONTROL COMPONENT STATUS DISPLAY

(51) International classification :G06F11/32,H04L12/26 (71)Name of Applicant : (31) Priority Document No 1)AMAZON TECHNOLOGIES INC. :13/221609 (32) Priority Date Address of Applicant: P.O. Box 8102 Reno NV 89507 U.S.A. :30/08/2011 (72)Name of Inventor: (33) Name of priority country :U.S.A. (86) International Application No 1)CORDDRY Matthew T. :PCT/US2012/052356 2)CAMP Wyatt D. Filing Date :24/08/2012 (87) International Publication No 3)GABRIELSON Jacob :WO 2013/032937 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

Systems and methods are disclosed which facilitate the management of host computing devices through the utilization of a host computing device control component. The host competing device control component includes a state monitoring component that monitors operating states of the control component. Based on monitoring the operating of the control component the state monitoring component causes the generation of one or more visual indicator indicative of the operating state of the control component.

No. of Pages: 22 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :25/03/2014

(21) Application No.2288/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: A ROUTER AND A VIRTUAL TRUSTED RUNTIME BIOS

(51) International classification (31) Priority Document No	:G06F9/22,G06F9/44 :PCT/US2011/049677	(71)Name of Applicant: 1)HEWLETT PACKARD DEVELOPMENT COMPANY
(32) Priority Date	:30/08/2011	L.P.
(33) Name of priority country	:U.S.A.	Address of Applicant :11445 Compaq Center Drive W
(86) International Application No	:PCT/US2011/056932	Houston Texas 77070 U.S.A.
Filing Date	:19/10/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2013/032508	1)ALI Valiuddin Y
(61) Patent of Addition to Application	:NA	2)PIRES Jose Paulo Xavier
Number	:NA	3)MANN James M.
Filing Date	.117	4)BALACHEFF Boris
(62) Divisional to Application Number	:NA	5)DALTON Chris I
Filing Date	:NA	

(57) Abstract:

An implementation may include a virtual trusted runtime BIOS managed by the virtual machine monitor. A replacement portion of the virtual trusted runtime BIOS may be included. A router can replace an address to a resource of the virtual trusted runtime BIOS with the address to the resource of the replacement portion of the virtual trusted runtime BIOS

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

(21) Application No.2289/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DECITABINE DERIVATIVE FORMULATIONS

(51) International classification(31) Priority Document No(32) Priority Date	:A61P35/00,A61K9/00,A61K9/19 :61/529081 :30/08/2011	(71)Name of Applicant: 1)ASTEX PHARMACEUTICALS INC. Address of Applicant:4140 Dublin Blvd. Suite 200 Dublin
(33) Name of priority country	:U.S.A.	CA 94568 U.S.A.
(86) International ApplicationNoFiling Date(87) International Publication	:PCT/US2012/052816 :29/08/2012	 (72)Name of Inventor: 1)JOSHI HANGAL Rajashree 2)TANG Chunlin 3)REDKAR Sanjeev
No	:WO 2013/033176	4)RAVIVARAPU Harish
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides derivatives of decitabine with superior chemical stability and shelf life with similar physiological activity. The derivatives are provided in a non aqueous formulation which further stabilizes the derivatives. Methods of treating one or more myelodysplastic syndromes leukemia or solid tumours using the formulations are described.

No. of Pages: 78 No. of Claims: 34

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BLIND MATE CAPACITIVELY COUPLED CONNECTOR

(51) International classification	:H01R24/38,H01R9/05	(71)Name of Applicant :
(31) Priority Document No	:13/294586	1)ANDREW LLC
(32) Priority Date	:11/11/2011	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 U.S.A.
(86) International Application No	:PCT/US2012/064574	(72)Name of Inventor:
Filing Date	:10/11/2012	1)VAN SWEARINGEN Kendrick
(87) International Publication No	:WO 2013/071206	2)PAYNTER Jeffrey
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A connector with a capacitively coupled connector interface for interconnection with a female portion is provided with an annular groove with a sidewall open to an interface end of the female portion. A male portion is provided with a male outer conductor coupling surface at an interface end covered by an outer conductor dielectric spacer. The male portion is retained with a range of radial movement with respect to a longitudinal axis of the male portion by a bias web of a float plate. The male outer conductor coupling surface is dimensioned to seat spaced apart from the sidewall by the outer conductor dielectric spacer within the annular groove when the male portion and the female portion are in an interlocked position.

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

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND DEVICE FOR MOUNTING A ROTOR OF A WIND ENERGY PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2011 084 140.7 :07/10/2011 :Germany :PCT/EP2012/069785 :05/10/2012 :WO 2013/050569 :NA :NA	(71)Name of Applicant: 1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor: 1)MEYER Wolfgang 2)KUIPER Gerrit 3)KNOOP Frank
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a lifting beam (1) for lifting and handling a rotor blade (2) of a wind energy plant (100) comprising a fastening means (6) for fastening the lifting beam to a crane at least one fastening means (12) for fastening the lifting beam to the rotor blade (2) a longitudinal pivoting means (18) for pivoting the rotor blade (2) which is supported by the lifting beam (1) about a longitudinal axis of the rotor blade (2) and/or a transverse pivoting means (10 22) for pivoting the rotor blade (2) which is supported by the lifting beam (1) about a transverse axis perpendicular to the longitudinal axis. The invention further relates to a method for mounting rotor blades of a wind energy plant using a lifting beam according to the invention.

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOW PRESSURE MOLDED STRAIN RELIEF FOR COAXIAL CONNECTOR INTERCONNECTION

(51) International classification	:H01R24/38,H01R9/05	(71)Name of Applicant:
(31) Priority Document No	:13/251341	1)ANDREW LLC
(32) Priority Date	:03/10/2011	Address of Applicant:1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 U.S.A.
(86) International Application No	:PCT/US2012/053573	(72)Name of Inventor:
Filing Date	:02/09/2012	1)VAN SWEARINGEN Kendrick
(87) International Publication No	:WO 2013/052222	2)FLEMING James
(61) Patent of Addition to Application	:NA	3)CARLOCK James
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A strain relief for a coaxial cable and coaxial connector interconnection is provided as an injection moldable polymer material surrounding the interconnection. The injection moldable material fills a solder pre form cavity between an outer conductor of the coaxial cable and an inner diameter of a bore of the connector body strengthening and environmentally sealing the interconnection.

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

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR REMOVING CARBON DIOXIDE FROM FLUE GASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:06/08/2012 :WO 2013/029927 :NA :NA :NA	(71)Name of Applicant: 1)THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH Address of Applicant: Graf Galen Strasse 17 59269 Beckum Germany (72)Name of Inventor: 1)MENZEL Johannes
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and a system for removing carbon dioxide from flue gas (3) emitted by a fossil fuel (2) operated power plant. In said method and system carbon dioxide is removed from the flue gas (3) by means of an absorption process (16) using a scrubbing liquid (14). The charged scrubbing liquid (12) is regenerated in a desorption process (11). At least some of the energy required for the regeneration process is fed using low pressure steam that is withdrawn from the steam water circuit of the power plant before entering a low pressure steam turbine (6). The low pressure steam is fed to an intermediate steam turbine (9). The low pressure steam is expanded to a discharge pressure of less than 3.5 bar and is then fed to the desorption process (11). According to the invention the pressure for the desorption process (11) is adjusted by a regulation device in accordance with the discharge pressure from the intermediate steam turbine (9).

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING RELATIONSHIPS ON A SOCIAL NETWORKING ENVIRONMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:61/758,058 :29/01/2013 :U.S.A. :NA :NA	,
•		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method and system for managing relationships on a social networking environment. In particular, establishing an augmented relationship connection between a first user account and a second user account in response to the setting of a first user augmented relationship indicator. Existence of the augmented relationship connection enables additional functionality for interaction between the first user account and the second user account within the social networking environment. However, the setting of the augmented relationship indicator by the first user to indicate the second user is not discoverable by the second user prior to the second user independently setting their own augmented relationship indicator to indicate the first user, and vice versa.

No. of Pages: 44 No. of Claims: 26

(21) Application No.2360/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CHAIN DRIVE TENSIONER SPRING FORCE CONTROL MECHANISM

(51) International classification :F16H7/08,F16H7/18,F02B67/06 (71)Name of Applicant: (31) Priority Document No 1)BORGWARNER INC. :61/537651 (32) Priority Date Address of Applicant: Patent Department 3850 Hamlin Road :22/09/2011 (33) Name of priority country Auburn Hills Michigan 48326 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/053830 1)TODD Kevin B. No :06/09/2012 Filing Date (87) International Publication No:WO 2013/043373 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

A tensioner in which an inward force acting to push a piston into a housing creates a fluid pressure in a hydraulic chamber formed by a cylindrical bore of the housing and a moveable sleeve causing a movable sleeve to exert an outward force on the piston through a piston spring opposing the inward force.

No. of Pages: 50 No. of Claims: 20

:NA

(21) Application No.2362/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AUTOMATIC INJECTION DEVICE

(51) International classification	:A61M5/20	(71)Name of Applicant:
(31) Priority Document No	:61/538098	1)ABBVIE INC.
(32) Priority Date	:22/09/2011	Address of Applicant: 1 N Waukegan Road North Chicago IL
(33) Name of priority country	:U.S.A.	60064 U.S.A.
(86) International Application No	:PCT/US2012/056750	(72)Name of Inventor:
Filing Date	:21/09/2012	1)SHANG Sherwin S.
(87) International Publication No	:WO 2013/044167	2)TSVIRKO Eduard
(61) Patent of Addition to Application	:NA	3)CHIM Edwin
Number	:NA	4)SOMASHEKAR Shubha Chethean
Filing Date	.11/1	5)OZDARYAL Esra
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Automatic injection device includes a housing a syringe a plunger and a syringe carrier. The housing includes a barrel. The barrel includes an elongated window to allow viewing of contents inside the housing. The syringe is disposed within the housing and has a reservoir. The plunger is at least partially disposed within the syringe and includes a visual indicator. The syringe carrier is disposed within the housing and configured to contain the syringe and displace the syringe within the housing between a first position and a second position. The syringe carrier can have at least one opening and at least one pair of legs defining at least a portion of the at least one opening.

No. of Pages: 51 No. of Claims: 21

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AUTOMATIC INJECTION DEVICE

		(71)Name of Applicant : 1)ABBVIE INC.
(51) International classification	:A61M5/20	Address of Applicant :1 N Waukegan Road North Chicago IL
(31) Priority Document No	:61/538098	60064 U.S.A.
(32) Priority Date	:22/09/2011	2)OWEN MUMFORD LTD.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/056744	1)SHANG Sherwin S.
Filing Date	:21/09/2012	2)JULIAN Joseph F.
(87) International Publication No	:WO 2013/044161	3)LI Chuan
(61) Patent of Addition to Application	:NA	4)WOZENCROFT Robert Michael
Number	:NA	5)BICKNELL Stephen
Filing Date	.11/1	6)DIX Robert
(62) Divisional to Application Number	:NA	7)TSVIRKO Eduard
Filing Date	:NA	8)CHIM Edwin
		9)SOMASHEKAR Shubha Chethean
		10)OZDARYAL Esra

(57) Abstract:

Automatic injection device includes a housing a syringe a plunger and a syringe carrier. The housing includes a barrel. The barrel includes an elongated window to allow viewing of contents inside the housing. The syringe is disposed within the housing and has a reservoir. The plunger is at least partially disposed within the syringe and includes a visual indicator. The syringe carrier is disposed within the housing and configured to contain the syringe and displace the syringe within the housing between a first position and a second position. The syringe carrier has a first opening and a second opening. The first opening is configured to align with the window and the reservoir when the syringe carrier is in the first position and the second opening is configured to align with the window and the visual indicator when the syringe carrier is in the second position.

No. of Pages: 51 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application: 14/03/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: THERMOFORMABLE COPOLYESTER LAMINATE

(51) International

:B32B27/36,B32B27/08,B65B25/22

classification

(31) Priority Document No :61/382658

(32) Priority Date

:14/09/2010

(33) Name of priority country: U.S.A.

No

(86) International Application :PCT/US2011/051346

Filing Date

:13/09/2011

(87) International Publication: WO 2012/037087

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1) DUPONT TEIJIN FILMS U.S. LIMITED

(21) Application No.2314/DELNP/2013 A

PARTNERSHIP

Address of Applicant :3600 Discovery Drive Chester VA

23836 U.S.A.

(72)Name of Inventor: 1)DENG Fenghua

2)NUGARA Peter N.

3)FRANZYSHEN Stephen K.

4)HASKINS Reps M.

(57) Abstract:

A laminate includes the following substantially coextensive layers in the following order: (a) a non sealable self supporting thermoformable copolyester film layer having a first surface and a second surface the second surface constituting an outermost exposed surface of the laminate; (b) a laminating adhesive layer on the first surface of the thermoformable copolyester film layer; and (c) a self supporting thermoformable structural film layer having a first surface and a second surface the first surface contacting the laminating adhesive layer. Polyethylene terephthalate constitutes at least 80% by weight of the self supporting thermoformable copolyester film layer; the thermoformable structural film layer includes a polymer selected from the group consisting of polyamides polypropylene polyethylene terephthalate ionomers ethylene acrylic acid copolymers ethylene vinyl acetate copolymers polystyrene ethylene vinyl alcohol copolymers and polyvinylidene chloride; the thermoformable copolyester film layer the structural film layer and the laminate each shrink less than 5% in length and width upon exposure to boiling water for five seconds; and the laminate is thermoformable and its chloroform soluble extractives meet the requirements of paragraph h(1) of 21 CFR § 177.1630 as defined herein.

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International :B29B13/10,B29B17/04,B01F15/02

classification

(31) Priority Document No :A 1504/2011 (32) Priority Date :14/10/2011 (33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050161

No :12/10/2012

Filing Date

(87) International Publication :WO 2013/052989 No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

(21) Application No.2314/DELNP/2014 A

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria (72)Name of Inventor:

1)FEICHTINGER Klaus 2)HACKL Manfred

(57) Abstract:

(19) INDIA

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). The diameter D of the container (1) in relation to the diameter d of the screw (6) is defined by the following relationship: see formula (I) in which D is the inner diameter of the container (1) in mm d is the diameter of the screw (6) in mm and K is a constant ranging from 60 to 180.

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

(21) Application No.2315/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ORALLY ADMINISTERED ADSORBENT

:05/10/2012

(51) International classification: A61K33/44, A61P7/08, A61P13/02 (71) Name of Applicant:

:NA

(31) Priority Document No :2011222949 (32) Priority Date :07/10/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/075897

No Filing Date

(87) International Publication :WO 2013/051680

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

Filing Date

1)TEIJIN PHARMA LIMITED

Address of Applicant: 2 1 Kasumigaseki 3 chome Chiyoda ku

Tokyo 1000013 Japan (72)Name of Inventor:

1)NISHIWAKI Yasumi 2)MURAKAMI Takashi

3)ETO Nobuaki

4)IMAIZUMI Keiichiro 5)OHTAKI Akihito 6)SHIMAZAKI Kenji

(57) Abstract:

The purpose of the present invention is to provide an orally administered adsorbent comprising activated carbon fiber having high adsorption performance or removal performance whereby a toxic substance inside the body can be adsorbed or removed rapidly and in large quantity. The present invention is an orally administered adsorbent comprising activated carbon fiber wherein the orally administered adsorbent is a drug for treating or preventing kidney disease or a drug for treating or preventing dialysis complications.

No. of Pages: 34 No. of Claims: 6

(21) Application No.2316/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CATALYST COMPOSITIONS AND THEIR USE FOR HYDROGENATION OF NITRILE RUBBER

(51) International :C08C19/02,B01J31/22,C08L15/00 classification

(31) Priority Document No :PCT/CN2011/081092

(32) Priority Date :21/10/2011 (33) Name of priority country :China

(86) International Application :PCT/EP2012/070812

No :19/10/2012 Filing Date

(87) International Publication :WO 2013/057286

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

This invention relates to novel catalyst compositions based on Ruthenium or Osmium based complex catalysts and to a process for selectively hydrogenating nitrile rubbers in the presence of such catalyst compositions.

No. of Pages: 69 No. of Claims: 30

1)LANXESS DEUTSCHLAND GMBH

Address of Applicant : Kennedyplatz 1 50569 Kln Germany

(72)Name of Inventor: 1)LIU Oingchun

2)WEI Zhenli

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

:NA

:NA

(54) Title of the invention: METHODS FOR MONITORING RESPONSIVENESS TO ANTI SMAD7 THERAPY

(51) International classification :G01N33/68,G01N33/50 (71)Name of Applicant : (31) Priority Document No 1)NOGRA PHARMA LIMITED :11425234.9 (32) Priority Date :15/09/2011 Address of Applicant :33 Sir John Rogersons Quay Dublin 2 (33) Name of priority country :EPO Ireland (86) International Application No (72)Name of Inventor: :PCT/EP2012/068146 Filing Date :14/09/2012 1)MONTELEONE Giovanni (87) International Publication No :WO 2013/037970 2)VITI Francesca (61) Patent of Addition to Application 3)BELLINVIA Salvatore :NA :NA Filing Date

(57) Abstract:

Filing Date

Methods for monitoring whether a subject will be sensitive or resistant to treatment with an anti SMAD7 therapy are disclosed. The methods are based on the determining of the amount of CCR9+ FOXP3+ T cells CCR9+ IFN gamma+ T cells CCR9+ IL17A+ T cells FOXP3+ T cells IFN gamma+ T cells and/or IL17A+ T cells in a sample from the subject. Measurement of T cell populations may be determined by flow cytometry immunohistochemsistry and/or ELISA.

No. of Pages: 39 No. of Claims: 20

(62) Divisional to Application Number

(21) Application No.2373/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR MAKING A POLYURETHANE FOAM

(51) International :C08G18/10,A01G31/00,C08G18/76 classification

(31) Priority Document No :11187197.6 (32) Priority Date :28/10/2011 (33) Name of priority

:EPO country

(86) International :PCT/EP2012/071162

Application No :25/10/2012 Filing Date

(87) International Publication: WO 2013/060779

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)HUNTSMAN INTERNATIONAL LLC

Address of Applicant: 500 Huntsman Way Salt Lake City

Utah 84108 U.S.A. (72)Name of Inventor:

1)MACKEN Johan Antoine Stefaan

2)MORO Loredana

3) CLERINX Johannes Eduward Irene Marie Josefa

4)VANDEVELDE Annelies

(57) Abstract:

Process for making a foam suitable as plant growth medium by reacting a polyisocyanate a polyether polyol mixture and water at an isocyanate index of 90 150 wherein the polyol mixture used comprises at least 2 polyols and wherein the polyol mixture comprises less than 50 % by weight oxyethylene calculated on the weight of the polyol mixture.

No. of Pages: 40 No. of Claims: 18

(21) Application No.2374/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BINDING MOLECULE FOR NEUTRALIZING RABIES VIRUS

(51) International classification :A61K39/395,C12N15/85,A61P31/12

(31) Priority Document No :1020110099685 (32) Priority Date :30/09/2011

(33) Name of priority country :Republic of Korea

(86) International :PCT/KR2012/007795

Application No
Filing Date

FIRE207

:27/09/2012

(87) International

Publication No :WO 2013/048130

(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)CELLTRION INC.

Address of Applicant :13 6 Songdo dong Yoensu gu Incheon

406 840 Republic of Korea (72)Name of Inventor:
1)CHANG Shin Jae
2)KIM Pan Kyeom

3)KIM Man Su 4)PARK Hyon Jin

(57) Abstract:

The present invention relates to a binding molecule for neutralizing a rabies virus. More specifically the binding molecule according to the present invention can neutralize the rabies virus that is derived from species such as bats dogs cows mongooses skunks and wolves and thus can be useful in treating a patient that has contracted the rabies virus derived from a wide variety of species.

No. of Pages: 44 No. of Claims: 25

(21) Application No.2376/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: SUPER ABSORBING POLYMERS WITH RAPID ABSORPTION PROPERTIES AND METHOD FOR PRODUCING THE SAME

(51) International

:C08F220/06,A61L15/00,C08J9/28

classification

:10 2011 086 516.0

(31) Priority Document No

:17/11/2011

(32) Priority Date (33) Name of priority country

:Germany

(86) International Application

:PCT/EP2012/072352

No

Filing Date

:12/11/2012

(87) International Publication

:WO 2013/072268

:NA

:NA

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application Number

Filing Date

(71)Name of Applicant:

1)EVONIK DEGUSSA GMBH

Address of Applicant : Rellinghauser Strae 1 11 45128 Essen

Germany

(72)Name of Inventor:

1)WATTEBLED Laurent

2)HARREN Jrg

3)NAUMANN Matthias

4)FURNO Franck

5)LOBERT Matthias

6)TENI Rainer

(57) Abstract:

This invention relates to a method for producing a water absorbing polymer including the following steps: (i) mixing (a1) 0.1 to 99.999 wt% preferably 20 to 98.99 wt% and particularly preferably 30 to 98.95 wt% polymerizable ethylenically unsaturated acid group containing monomers or their salts or polymerizable ethylenically unsaturated monomers containing a protonated or quaternized nitrogen atom or their mixtures wherein mixtures containing at least ethylenically unsaturated acid group containing monomers preferably acrylic acid are especially preferred; (a2) 0 to 70 wt% preferably 1 to 60 wt% and particularly preferably 1 to 40 wt% polymerized ethylenically unsaturated monomers that are copolymerizable with (a1); (a3) 0.001 to 10 wt% preferably 0.01 to 7 wt% and particularly preferably 0.05 to 5 wt% one or more cross linking agent(s); (a4) 0 to 30 wt% preferably 1 to 20 wt% and particularly preferably 5 to 10 wt% water soluble polymers; and (a5) 0 to 20 wt% preferably 0.01 to 7 wt% and particularly preferably 0.05 to 5 wt% one or more additive(s) wherein the total quantity by weight of (a1) to (a5) amounts to 100 wt% (ii) radical polymerization while cross linking in order to form a water insoluble aqueous untreated hydrogel polymer (iii) drying the hydrogel polymer (iv) grinding and sifting the water absorbing polymer (v) surface post cross linking the ground and sifted hydrogel polymer and (vi) drying and processing the water absorbing polymer wherein before the admixture of the initiator and the start of radical polymerization 0.01 to 5 wt% preferably 0.02 to 2wt% and particularly preferably 0.07 to 1 wt% of at least one surfactant relative to acrylic acid from the group of non ionic ionic or amphoteric surfactants and if required 0.01 to 5 wt% preferably 0.02 to 2 wt% and particularly preferably 0.07 to 1 wt% foaming agent with a particle size of 10 µm to 900 µm are added relative to the water absorbing polymer; method for producing a hydrogel polymer; the product obtained by this method; and use.

No. of Pages: 46 No. of Claims: 25

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS AND APPARATUS FOR DEFLECTING AND SUPPORTING A TIRE SIDEWALL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29C73/08 :NA :NA :NA :NA :PCT/US2011/054370 :30/09/2011 :WO 2013/048464 :NA :NA	(71)Name of Applicant: 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant:Route Louis Braille 10 CH 1763 Granges Paccot Switzerland 2)COMPAGNIE GENERALE DES ETABLISSEMENT MICHELIN (72)Name of Inventor: 1)IKONOMOV Metodi L. 2)CHEBLI Adib Tony 3)ZARAK Cesar E. 4)COLBY E. Bruce
Filing Date	:NA	

(57) Abstract:

Particular embodiments of the invention include methods and apparatus for deforming a tire sidewall. Such methods include the step of providing a tire having at least one sidewall connected to a corresponding bead. A further step includes constraining at least one of the sidewall and bead from moving laterally toward the other. Yet another step of such methods includes engaging the sidewall with an inclined member. Another step of such methods includes moving at least one of the sidewall and bead in a lateral direction away from the other until the sidewall is laterally deformed into a laterally deformed configuration.

No. of Pages: 22 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :26/03/2014

(21) Application No.2332/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : FUNGICIDAL COMPOSITION COMPRISING A PYRIDYLETHYLBENZAMIDE DERIVATIVE AND A COMPOUND CAPABLE OF INHIBITING THE TRANSPORT OF ELECTRONS OF THE RESPIRATORY CHAIN IN PHYTOPATHOGENIC FUNGAL ORGANISMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/02/2005 :WO 2005/077901 :NA :NA	(71)Name of Applicant: 1)BAYER CROPSCIENCE SA Address of Applicant:16 rue Jean Marie Leclair F 69009 LYON France (72)Name of Inventor: 1)GOUOT Jean Marie 2)GROSJEAN COURNOYER Marie Claire
(62) Divisional to Application Number Filed on	: :01/01/1900	

(57) Abstract:

A composition comprising at least a pyridylethylbenzamide derivative of general formula (I) (a) and a compound capable of inhibiting the transport of electrons of the respiratory chain in phytopathogenic fungal organisms (b) in a (a) / (b) weight ratio of from 0.01 to 20. A composition further comprising an additional fungicidal compound. A method for preventively or curatively combating the phytopathogenic fungi of crops by using this composition.

No. of Pages: 33 No. of Claims: 7

(21) Application No.2380/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: POWER CHARGING DEVICE FOR ELECTRIC VEHICLE

(51) International classification :H02H3/16,B60L3/00,B60L11/18 (71)Name of Applicant:

(31) Priority Document No :2011219403 (32) Priority Date :03/10/2011

(33) Name of priority country :Japan (86) International Application :PCT/JP2012/075188

No

:28/09/2012 Filing Date

(87) International Publication :WO 2013/051484

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)PANASONIC CORPORATION

Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka

5718501 Japan

(72)Name of Inventor:

1)KANDA Masataka 2)KOSHIN Hiroaki

3)YAMAGUCHI Kenji

(57) Abstract:

A power charging device for electric vehicles related to the present invention provides power conversion means grounding means ground short detection means and opening/closing means. The power conversion means is placed between an external circuit and a pair of power source terminals of a storage battery unit provided in an electric vehicle and is constructed to perform power conversion between the external circuit and the storage battery unit. The grounding means is constructed so that at least one terminal in the pair of power source terminals of the storage battery unit is connected to the ground connection point connected by the power conversion means. The ground short detection means is constructed in order to determine whether a short to ground has occurred in the power supply path between the power conversion means and the storage battery unit. The opening/closing means is constructed so that the storage battery is disconnected from the power supply path when the ground short detection means determines that a short to ground has occurred in the power supply path.

No. of Pages: 48 No. of Claims: 15

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: TWIN BOOST CONVERTER WITH INTEGRATED CHARGER FOR UPS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:H02M5/458,H02M1/10,H02M3/158 :13/219760 :29/08/2011 :U.S.A. :PCT/US2012/052652 :28/08/2012 :WO 2013/033089 :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant:132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)JAYARAMAN Chandrasekaran 2)TOLAKANAHALLI Pradeep 3)KLIKIC Damir
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A power converter circuit is coupled to an AC power input a backup power input a first capacitive element and a second capacitive element. The power converter circuit is configured to in a line mode of operation and during a positive portion of an AC input voltage convert the AC input voltage into a positive DC output voltage through a first inductive element and provide a charging voltage to a backup power source through a second inductive element using a negative DC output voltage stored in the second capacitive element and in the line mode of operation and during a negative portion of the AC input convert the AC input voltage into the negative DC output voltage through the second inductive element and provide the charging voltage to the backup power source through the first inductive element using the positive DC output voltage stored in the first capacitive element.

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

(21) Application No.2236/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TUBULAR BAG MACHINE FOR FILLING A PRODUCT

(51) International classification: B65B1/30,B65B9/20,B65B57/14 (71)Name of Applicant: (31) Priority Document No :102011088880.2

(32) Priority Date :16/12/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/073230

:21/11/2012 Filing Date

(87) International Publication :WO 2013/087384

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)SEIDEL Juergen 2)SOERGEL Werner 3)SCHULTEIS Stephan

4)EICHEL Dirk

(57) Abstract:

The invention relates to a tubular bag machine for filling a product into bags (9) comprising a vertical filling tube (2) a transverse sealing unit (3) a control unit (4) for controlling the tubular bag machine and a sensor device (5) for detecting the product in the filling tube (2) which is designed to detect the product falling through the filling tube (2) wherein the sensor device (5) has a sensor (51) for emitting electromagnetic waves and which is connected to the control unit (4) wherein the electromagnetic waves emitted by the sensor (51) remain in a detection space (E) which is confined to one region at the filling tube (2).

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS AND APPARATUS FOR CURING RETREADED TIRES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/US2011/054399	(71)Name of Applicant: 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant:Route Louis Braille 10 CH 1763 Granges Paccot Switzerland 2)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN (72)Name of Inventor: 1)COLBY E. Bruce 2)TSIHLAS Dimitri G. 3)ZARAK Cesar E.
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(57) Abstract:

Embodiments of the invention include methods and apparatus for constraining a tread in a desired arrangement about a tire carcass during retreading operations. Such methods include the steps of providing a annular tire carcass configured for receiving a tread. Such methods also include the step of arranging a tread annularly about the precured tire carcass in a desired position to form an assembled retreaded tire. Such methods further include the step of arranging a retread curing membrane about an outer side of the tread the curing membrane including an interior surface arranged to engage the outer side of the tread and including one or more protrusions extending from the membrane interior surface and into a void of the outer side of the tread. In other embodiments a separate insert containing protrusions is arranged between a curing membrane and a tire tread for retread curing operations.

No. of Pages: 26 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(21) Application No.2384/DELNP/2014 A

(54) Title of the invention : DEPOSITION OF SILICON OXIDE BY ATMOSPHERIC PRESSURE CHEMICAL VAPOR DEPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C23C16/40 :61/541311 :30/09/2011 :U.S.A. :PCT/US2012/055043 :13/09/2012 :WO 2013/048751 :NA	(71)Name of Applicant: 1)ARKEMA INC. Address of Applicant: 900 First Avenue King of Prussia Pennsylvania 19406 U.S.A. (72)Name of Inventor: 1)SMITH Ryan C. 2)STRICKER Jeffery L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides methods for forming silicon oxide containing layer(s) on a substrate such as glass by heating a substrate vaporizing at least one precursor comprising a monoalkylsilane having an alkyl group with greater than two carbon atoms to form a vaporized precursor stream and contacting a surface of the heated substrate with the vaporized precursor stream at about atmospheric pressure to deposit one or more layers comprising silicon oxide onto the surface of the substrate. The invention is particularly useful for applying an anti iridescent coating to glass in an online float glass process.

No. of Pages: 26 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application: 18/03/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: SEALING DEVICE AND METHOD

(51) International classification :F16J15/52,B01D46/00 (71)Name of Applicant : (31) Priority Document No :10176781.2

(32) Priority Date :15/09/2010

(33) Name of priority country :EPO (86) International Application No :PCT/IB2011/002030 Filing Date :01/09/2011

(87) International Publication No :WO 2012/035389

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)ALSTOM TECHNOLOGY LTD

(21) Application No.2385/DELNP/2013 A

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland (72)Name of Inventor:

1)HJELMBERG Anders E. M.

(57) Abstract:

The present disclosure relates to a sealing device 20 for a control rod 17 passing through an aperture 15c in a wall 15 wherein the control rod 17 is connected between an actuator 13 placed on one side of the wall and a controlled entity 9a placed on the other side of the wall such that the actuator can control the controlled entity with motion of the control rod. The sealing device 20 includes a packing box 37 through which the control rod 17 passes and a seal 41 which provides a sealing function between the control rod 17 and the packing box 37. The packing box 37 is moveable with the control rod 17 in relation to the wall 15. Wall aperture 15c is sized to allow movement of the control rod 17 within aperture 15c. A flexible member 39 surrounds a portion of control rod 17 and extends between the packing box 37 and the wall 15 in a gastight communication with each. As such the subject sealing device allows movement of the control rod without compromising the sealing function efficiency thereof.

No. of Pages: 15 No. of Claims: 13

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HAIR TREATMENT PROCESS PROVIDING DISPERSED COLORS BY LIGHT DIFFRACTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B82B3/00 :13/248746 :29/09/2011 :U.S.A. :PCT/US2012/000420 :27/09/2012 :WO 2013/048550 :NA :NA	(71)Name of Applicant: 1)LOS ALAMOS NATIONAL SECURITY LLC Address of Applicant: Los Alamos National Laboratory LC/IP MS A187 Los Alamos NM 87545 U.S.A. 2)THE PROCTER & GAMBLE COMPANY (72)Name of Inventor: 1)ORLER E. Bruce 2)SUTTON Richard Matthew Charles 3)SONG Shuangqi 4)LAMARTINE Bruce Carvell
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(57) Abstract:

Hair was coated with polymer containing fluid and then hot pressed to form a composite of hair and a polymer film imprinted with a nanopattem. Polychromatic light incident on the nanopattem is diffracted into dispersed colored light. Preferably the hair is cleaned and dried before coating the hair with the fluid. The fluid optionally includes a plasticizer.

No. of Pages: 23 No. of Claims: 18

(21) Application No.2322/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HIGH STRENGTH HOT DIP GALVANIZED STEEL SHEET

:C23C2/06,B21B3/00,C21D9/46 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2011217146 (32) Priority Date :30/09/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/075203

Filing Date :28/09/2012 (87) International Publication No: WO 2013/047812

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72)Name of Inventor:

1)YAMANAKA Shintaro

2)FUJITA Soshi 3)SATO Koichi

(57) Abstract:

A high strength hot dip galvanized steel sheet which includes a steel sheet that comprises major components and that contains at least 40 vol.% the sum of bainite and martensite 8 60 vol.% retained austenite and less than 40 vol.% ferrite with the remainder comprising an incidental structure. The hot dip galvanized steel sheet has at the interface between the deposit layer formed by hot dip galvanization and the base steel sheet an intermetallic compound constituted of Fe Al Zn and incidental impurities and having an average thickness of 0.1 2 µm the intermetallic compound having a crystal grain diameter of 0.01 1 µm. After the deposit layer formed by hot dip galvanization was removed the surface of the base steel sheet has an arithmetic average roughness Ra of 0.1 2.0 um and gives a roughness curve in which the contour elements have an average length RSm of 5 300 µm. Thus a high strength hot dip galvanized steel sheet which includes a high strength steel sheet as the base and which has excellent formability that can inhibit cracking or breaking is provided.

No. of Pages: 47 No. of Claims: 4

(21) Application No.2323/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND DEVICE FOR PRODUCING PIG IRON

(51) International :C21B13/00,C21B13/02,C21B13/14

classification (31) Priority Document No :A1421/2011

(32) Priority Date :30/09/2011 (33) Name of priority country: Austria

(86) International Application :PCT/EP2012/067610

No :10/09/2012

Filing Date

(87) International Publication: WO 2013/045260

No (61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1) SIEMENS VAI METALS TECHNOLOGIES GMBH

Address of Applicant: Turmstrae 44 A 4031 Linz Austria

(72)Name of Inventor: 1)HECKMANN Hado 2)MILLNER Robert

3)ROSENFELLNER Gerald

(57) Abstract:

The invention relates to a method for reducing material containing iron oxide wherein the material containing iron oxide forms a solid bed in a reduction shaft and the material containing iron oxide is converted to pre reduced material in the reduction shaft by means of at least one pre reduction gas introduced into the solid bed at a pressure p1. At least one part of said pre reduced material preferably the entire pre reduced material is introduced from the reduction shaft into a melter gasifier in which it is finally reduced by means of a reduction gas under a pressure p2. According to the invention a top gas having a pressure p3 is diverted out of the chamber above the solid bed out of the reduction shaft and at least one dust exhaust gas having a pressure p4 is diverted from the solid bed out of the reduction shaft. According to the invention the relationship p1>p4 and p1>3 applies preferably also p4>p3. The invention further relates to a device for carrying out said method.

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

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CEMENT INJECTOR AND CEMENT INJECTOR CONNECTORS AND BONE CEMENT INJECTOR ASSEMBLY

(21) Application No.2386/DELNP/2014 A

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/535794 :16/09/2011 :U.S.A.	(71)Name of Applicant: 1)DEPUY SYNTHES PRODUCTS LLC Address of Applicant: 325 PARAMOUNT DRIVE RAYNHAM Massachusetts 02767 0350 U.S.A. (72)Name of Inventor: 1)TAN MALECKI Francisca 2)MAGUIRE Paul S.
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(57) Abstract:

An assembly for injecting bone cement into a vertebral body comprising a bone cement dispenser (120) an introducer needle (1) a cement injection needle (15) attached to the cement dispenser and slidably received in the introducer needle and a Touhy Borst adapter (13) that locks and unlocks the cement injection needle from the introducer needle.

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

(21) Application No.2388/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : BUCKET FOR SCREENING AND CRUSHING INERT MATERIAL HAVING A BALANCING VALVE

(51) International classification(31) Priority Document No(32) Priority Date		1)MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A.
(33) Name of priority country	:Italy	Address of Applicant :Via Astico 30/A I 36030 Fara Vicentino
(86) International Application No		(VI) Italy
Filing Date	:28/09/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/046168	1)AZZOLIN Diego
(61) Patent of Addition to Application Number	:NA	2)AZZOLIN Guido
Filing Date	:NA	
(62) Divisional to ApplicationNumberFiling Date	:NA :NA	

(57) Abstract:

A bucket (100) for screening and crushing inert material comprises an outer casing (1) a screening device (2) for screening the material which has to be crushed a crushing unit (3) located in said casing (1) to crush the material and a detecting device (44) for detecting the angle of orientation (w) of the bucket (100) with respect to a reference surface (S) in which the screening device (2) and the crushing unit (3) are selectively operated individually or in combination according to the angle of orientation (w) of the bucket (100).

No. of Pages: 17 No. of Claims: 14

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(21) Application No.2336/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: SEMICONDUCTOR DEVICE

(51) International classification :H01L21/60,H01L21/822,H01L25/065

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority :NA

country (86) International

Application No :PCT/JP2011/072584

Filing Date :30/09/2011

(87) International Publication No :WO 2013/046439

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)Renesas Electronics Corporation

Address of Applicant: 1753 Shimonumabe Nakahara ku

Kawasaki shi Kanagawa 2118668 Japan

(72)Name of Inventor:1)KANAZAWA Takamitsu2)AKIYAMA Satoru

(57) Abstract:

A technology that enables the reliability of semiconductor devices to be improved is provided. In the present invention a gate pad (GPj) which is formed on the surface of a semiconductor chip (CHP1) is positioned in such a manner as to be closer to a source lead (SL) than to other leads (a drain lead (DL) and a gate lead (GL)). As a result the present invention enables the distance between the gate pad (GPj) and the source lead (SL) to be reduced thereby enabling the length of a wire (Wgj) which connects the gate (GPj) and the source lead (SL) to be reduced. Thus the present invention enables a parasitic inductance that exists in the wire (Wgj) to be sufficiently reduced.

No. of Pages: 99 No. of Claims: 26

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: IGBT AND MANUFACTURING METHOD THEREFOR

(51) International (71)Name of Applicant: :H01L29/739,H01L21/336,H01L29/78 1)TOYOTA JIDOSHA KABUSHIKI KAISHA classification (31) Priority Document No: NA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 (32) Priority Date :NA Japan (33) Name of priority (72)Name of Inventor: :NA country 1)SENOO Masaru (86) International 2)MIYAGI Kvosuke :PCT/JP2011/072274 Application No 3)NISHIWAKI Tsuyoshi :28/09/2011 Filing Date 4)SAITO Jun (87) International :WO 2013/046378 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

In the present invention an IGBT has an emitter region a top body region formed below the emitter region a floating region formed below the top body region a bottom body region formed below the floating region a trench a gate insulating film that covers the inner surface of the trench and a gate electrode disposed inside the trench. When looking along the thickness direction of the semiconductor substrate at the p type impurity concentration distribution within the top body region and within the floating region which are located below the emitter region the p type impurity concentration decreases in a direction downward from the top edge of the top body region positioned below the emitter region and a minimum value is reached at a prescribed depth within the floating region.

No. of Pages: 64 No. of Claims: 12

(21) Application No.2390/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ADSORBENT GAS ANALYSIS DEVICE AND ADSORBENT GAS ANALYSIS METHOD

(51) International classification	:G01N1/00,G01N1/22,G01N21/03	(71)Name of Applicant:
(31) Priority Document No	:2011196360	1)HORIBA Ltd.
(32) Priority Date	:08/09/2011	Address of Applicant :2 Miyanohigashi cho Kisshoin Minami
(33) Name of priority country	:Japan	ku Kyoto shi Kyoto 6018510 Japan
(86) International Application	:PCT/JP2012/072309	(72)Name of Inventor:
No		1)ITAYA Takahiro
Filing Date	:03/09/2012	2)NAKATANI Shigeru
(87) International Publication No	:WO 2013/035657	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An adsorbent gas analysis device comprising: a gas measurement mechanism (21) that measures values relating to volumes of adsorbent gas flowing inside a gas pipe (1) in order to reduce delay in response during adsorbent gas measurement and enable measurement in real time of adsorbent gas under a variety of conditions; and a gas injection mechanism (3) that injects a prescribed amount of adsorbent injection gas into the gas pipe (1) from further upstream than a measurement point where the gas measurement mechanism (21) measures the adsorbent gas at least while the gas measurement mechanism (21) is measuring the adsorbent gas.

No. of Pages: 30 No. of Claims: 5

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: GAS ANALYSIS DEVICE AND CONTAMINATION DETECTION METHOD USED IN SAME

(51) International classification(31) Priority Document No(32) Priority Date	:G01N1/00,G01N1/22,G01N21/03 :2011196361 :08/09/2011	 (71)Name of Applicant: 1)HORIBA Ltd. Address of Applicant: 2 Miyanohigashi cho Kisshoin Minami
(33) Name of priority country	:Japan	ku Kyoto shi Kyoto 6018510 Japan
(86) International Application No Filing Date	:PCT/JP2012/072379 :03/09/2012	(72)Name of Inventor : 1)ITAYA Takahiro 2)NAKATANI Shigeru
(87) International Publication No	:WO 2013/035675	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A gas analysis device that in order to be capable of detecting with good sensitivity adsorbent gas even if there is a small amount of contamination that has a large impact during adsorbent gas measurement comprises: a gas injection mechanism (3) that injects adsorbent injection gas into a flow path (11) wherein a sample gas flows; a gas measurement mechanism (21) capable of measuring values relating to the amount of adsorbent gas flowing in the flow path (11); and a contamination determination unit (41) that determines contamination in the flow path on the basis of values relating to adsorbent gas measurement response speed by the gas measurement mechanism (21).

No. of Pages: 34 No. of Claims: 5

(21) Application No.2393/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DISPLAY DEVICE

(51) International classification: G02F1/13,G02B27/22,G02F1/133 (71)Name of Applicant: (31) Priority Document No :2011220229 (32) Priority Date :04/10/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/074966

:27/09/2012

Filing Date

(87) International Publication :WO 2013/051465

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)SONY CORPORATION

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

(72)Name of Inventor:

1)SATO Yoshihisa 2)SHINKAI Shogo 3)OKUYAMA Kentaro

(57) Abstract:

The purpose of the present invention is to provide a three dimensional image display device capable of preventing the generation of crosstalk. The three dimensional image display device according to the present invention includes a display panel having a plurality of pixels a backlight capable of partially illuminating the display panel and a drive circuit for driving the display panel and the backlight. The drive circuit causes the display panel to display a three dimensional image by synchronizing the scanning of the display panel with the scanning of the partial illumination light (Lz) of the backlight.

No. of Pages: 89 No. of Claims: 12

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS FOR PRODUCING POLYOLEFINS WITH CATALYST SYSTEMS

(51) International classification :C08F210/16,C08F10/02,C08F4/659

(31) Priority Document No :61/557360 (32) Priority Date :08/11/2011 (33) Name of priority country:U.S.A.

(86) International PCT/US2012/063704 Application No

Filing Date :06/11/2012

(87) International Publication :WO 2013/070602

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)UNIVATION TECHNOLOGIES LLC

Address of Applicant :5555 San Felipe Suite 1950 Houston

TX 77056 U.S.A.

(72)Name of Inventor:

1)SUN Lixin 2)RIX Francis C. 3)KAO Sun Chueh 4)KHOKHANI Paul A. 5)CAO Phuong A.

(57) Abstract:

Described herein are methods comprising contacting one or more olefins with a catalyst system in a polymerization reactor at conditions sufficient to produce a polyolefin wherein the catalyst system comprises a first metallocene catalyst compound comprising a first transition metal atom two cyclopentadienyl ligands bound to the first transition metal atom and two leaving groups bound to the first transition metal atom wherein at least one leaving group is selected from the group consisting of a halo phenoxy and a halo alkoxy; wherein the first metallocene catalyst compound has a catalyst productivity that is at least 20% greater than a comparative metallocene catalyst compound used to produce the same polyolefin wherein the comparative metallocene catalyst compound is the same as the first metallocene catalyst compound except neither leaving group is a halo phenoxy or a halo alkoxy.

No. of Pages: 54 No. of Claims: 20

(21) Application No.2396/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: VEHICULAR ATMOSPHERE PURIFYING APPARATUS

(51) International classification (31) Priority Document No	:F28F19/02,A61L9/00,B01D53/86 :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No Filing Date	:PCT/JP2011/077004 :24/11/2011	(72)Name of Inventor : 1)SHINODA Yoshihisa
(87) International Publication No	:WO 2013/076833	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a vehicular atmosphere purifying apparatus and has the purpose of providing a vehicular atmosphere purifying apparatus such that the deterioration in performance of an ozone purifier can be diagnosed with a less expensive configuration. In a routine shown in FIG. 12 when it is determined that there is a deterioration diagnosis request the amount of moisture that has already accumulated in ozone purifying sites of activated charcoal at the time of the request is calculated (step 210). When the amount of accumulated moisture is not less than a predetermined amount it is determined whether the state is such that the amount of desorbed moisture can be calculated (step 230). When it is determined that the amount of desorbed moisture is calculated (step 240) and the calculated amount of desorbed moisture is compared with a deterioration determination value (step 250). When the amount of desorbed moisture is less than the deterioration determination value it is determined that the activated charcoal is deteriorated and an MIL (62) is turned on (step 260).

No. of Pages: 70 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: IMPROVED LASER RANGEFINDER SENSOR

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06T7/20 :61/534148 :13/09/2011 :U.S.A. :PCT/US2012/054993	(71)Name of Applicant: 1)OSI OPTOELECTRONICS Address of Applicant:12525 Chadron Avenue Hawthorne CA 90250 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:13/09/2012 :WO 2013/040121	1)FOWLER Keith 2)LAI Nan ming
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	2)Lix I van ming
Filing Date	:NA :NA	

(21) Application No.2397/DELNP/2014 A

(57) Abstract:

The specification discloses a pulsed time of flight laser range finding system used to obtain vehicle classification information. The sensor determines a distance range to portions of a vehicle traveling within a sensing zone of the sensor. A scanning mechanism made of a four facet cube having reflective surfaces is used to collimate and direct the laser toward traveling vehicles. A processing system processes the respective distance range data and angle range data for determining the three dimensional shape of the vehicle.

No. of Pages: 23 No. of Claims: 19

(21) Application No.2398/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DISINFECTANT COMPOSITIONS AND USES THEREOF

(51) International classification :A01N59/16,A01N65/42,A61L2/16

(31) Priority Document No :2011903807 (32) Priority Date :16/09/2011 (33) Name of priority country :Australia

(86) International Application :PCT/AU2012/001117

No :17/A020

Filing Date
(87) International Publication (WO 2012)

No :WO 2013/037014

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to Application
Number: NA
:NA

Filing Date

(71)Name of Applicant :

1)WHITE Robert

Address of Applicant :c/ SDI International Pty Ltd 33 37 Villas Rd Dandenong South Victoria 3175 Australia

(72)Name of Inventor:

1)WHITE Robert

(57) Abstract:

The present invention relates generally to disinfectant compositions comprising silver ion water and aloe vera and methods for their use and preparation thereof. The disinfectant of the present invention possesses useful surface disinfectant qualities against potentially harmful bacteria algae fungi and/or viruses.

No. of Pages: 27 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2399/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: A FERMENTATION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P7/64 :61/532412 :08/09/2011 :U.S.A. :PCT/NZ2012/000161 :07/09/2012 :WO 2013/036147 :NA :NA :NA	(71)Name of Applicant: 1)LANZATECH NEW ZEALAND LIMITED Address of Applicant: 24 Balfour Road Parnell Auckland 1052 New Zealand (72)Name of Inventor: 1)TRAN Loan Phuong 2)SIMPSON Sean Dennis
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(57) Abstract:

Methods and systems for the production of one or more lipid products from a gaseous substrate using a two stage fermentation process. The method providing a gaseous substrate comprising CO and H to a first bioreactor containing a culture or one or more microorganisms and fermenting the substrate to produce acetate. The acetate from the first bioreactor is then provided to a second bioreactor where it is used as a substrate for fermentation to lipids by one or more yeasts.

No. of Pages: 31 No. of Claims: 24

(21) Application No.2358/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND MACHINERY FOR MAKING NANOFIBRES

(51) International classification :D01D5/00,D01G15/84 (71)Name of Applicant : (31) Priority Document No 1)HERIOT WATT UNIVERSITY :1114856.6 (32) Priority Date Address of Applicant :Scottish Borders Campus Galashiels :29/08/2011 (33) Name of priority country :U.K. TD1 3HF U.K. (86) International Application No (72)Name of Inventor: :PCT/GB2012/000684 1)STYLIOS George Filing Date :29/08/2012 (87) International Publication No :WO 2013/030522 2)LUO Liang (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Electrospinning from a melt or solution by means of an electric field between a fibre source such as a spinneret or a bubble surface and a moving. collector comprising a wire card of which the wires are electrically connected The spinneret or melt or solution may be held at high potential and the wires earthed. The method produces an aligned nanofibre web that can be made into strands yarns cable or rope or non woven fabrics such as stitch bonded and stitch knitted fabric.

No. of Pages: 12 No. of Claims: 21

(21) Application No.2401/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : HOME APPLIANCE COMPRISING AN ELECTRIC MOTOR HAVING AT LEAST TWO COILS METHOD SYSTEM AND USE

(51) International classification: H02P25/18,H02M5/12,H02M1/10 (71)Name of Applicant: (31) Priority Document No :PI11062053 1)WHIRPOOL S.A. (32) Priority Date :06/09/2011 Address of Applicant : Avenida das Na§ues Unidas N° 12.995 32° andar Brooklin Novo CEP: 04578 000 S£o Paulo SP Brazil (33) Name of priority country :Brazil (86) International Application (72)Name of Inventor: :PCT/BR2012/000336 1)ZANELATO Marcelo :06/09/2012 Filing Date 2)SOUZA Marcos Roberto de (87) International Publication 3)PINI Silvia Helena :WO 2013/033801 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A control method and system is described for home appliances which comprise one electric motor (7) having at least two coils. The coils of the electric motor (7) are combined in series or in parallel due to the input voltage (1) and are used as a voltage supply for devices of a set of electrical loads (5) which are simultaneously connected to the electric motor. Additionally the invention also presents the use of an electric motor (7) having at least two coils for feeding devices of a set of electrical loads (5) of a home appliance in which one of the coils of the electric motor is used as voltage supply for feeding the devices of the set of electrical loads (5). Finally the invention describes a home appliance which comprises a control system a control method or the use of an electric motor (7) for feeding according to these specifications.

No. of Pages: 20 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : HOUSEHOLD APPLIANCE SYSTEM AND METHOD OF CONTROLING HOUSESHOLD APPLIANCES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (89) International Publication No (80) Patent of Addition to Application No (81) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) Patent of Addition to Application Number Filing Date (87) International Publication No (88) International Publication No (89) Piling Date (80) Piling Date (80) Piling Date (81) Name of Applicant: 1) WHIRLPOOL S.A. Address of Applicant: Av. das Na§µes Unidas n° 12.995 32° andar Brooklin Novo CEP: 04578 000 S£o Paulo SP Brazil (72) Name of Inventor: 1) ZANELATO Marcelo 2) SOUZA Marcos Roberto de 3) PINI Silvia Helena 3) PINI Silvia Helena

(21) Application No.2402/DELNP/2014 A

(57) Abstract:

The present invention refers to a control system and a control method for controlling input voltages (1) for household appliances having at least one electric motor in their set of electric charges (5). This control is made by means of a processing unit (3) which can act selectively and independently on a set of output switches (4) and therefore act in different ways on each of the devices of the set of electric charges (5).

No. of Pages: 24 No. of Claims: 44

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A METHOD OF RECOVERING A DEPOSIT FROM THE SEA BED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E21C50/00 :GB 1116982.8 :03/10/2011 :U.K. :PCT/EP2012/004127 :02/10/2012 :WO 2013/050137 :NA :NA	(71)Name of Applicant: 1)MARINE RESOURCES EXPLORATIONS INTERNATIONAL B.V. Address of Applicant: Klaaskampen 24 NL 1251KP Laren Netherlands (72)Name of Inventor: 1)DAN COSTACHE Patriciu
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method of recovering a deposit from the sea bed using a surface vessel (20) untethered from the sea bed and first and second suction vehicles (27; 30) which traverse the sea bed to suck up the deposit and are each connected to the surface vessel by a respective flexible riser (26; 29) along which a slurry of the deposit is transferred from the suction vehicles to the surface vessel. The method comprises moving the first and second suction vehicles to and fro across the sea bed in a plurality of lanes such that they travel substantially further than the surface vessel turning or reversing each vehicle at the end of each lane in a manner such that the lanes are adjacent to one another to mine the deposit substantially without gaps between adjacent lanes. Only the suction vessels rest on the sea bed.

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

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD FOR HEATING COOLING LIQUID TO START PREHEATING AND HEATING SYSTEM

(51) International classification	:F02N19/10.F01M5/02	(71)Name of Applicant :
(31) Priority Document No	:201110341120.4	1)HUNAN SANY INTELLIGENT CONTROL
(32) Priority Date	:02/11/2011	EQUIPMENT CO. LTD
(33) Name of priority country	:China	Address of Applicant :Sany Industry Town Economic and
(86) International Application No	:PCT/CN2012/074371	Technological Development Zone Changsha Hunan 410100 China
Filing Date	:19/04/2012	2)SANY HEAVY MACHINERY LIMITED
(87) International Publication No	:WO 2013/063906	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)HUANG Yusong
Number	:NA	2)ZHAO Yi
Filing Date	.IVA	3)JI Qiming
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for heating cooling liquid to start preheating comprising: step 1 supply cooling liquid which cooling liquid is filled in a circulating water pipe (12); step 2 supply fuel and ignite the fuel to heat the cooling liquid in the circulating water pipe; step 3 connect the circulating water pipe to an engine (1) and the cooling liquid is made to circulate in the circulating water pipe in order to continuously heat the engine; step 4 the exhaust gas generated by fuel combustion is collected and guided to the bottom of the engine for heating same; and step 5 judge the temperature of the engine and stop burning fuel when the temperature of the engine reaches a threshold value. The method features a low temperature start and a high temperature cut off with a higher level of safety. Also disclosed is a system of heating cooling liquid to start preheating.

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

(19) INDIA

(22) Date of filing of Application :26/03/2014

(21) Application No.2300/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: A PHARMACEUTICAL COMPOSITION COMPRISING THE PHYTOCANNABINOIDS CANNABIDIVARIN (CBDV) AND CANNABIDIOL (CBD)

(51) International :A61K31/05,A61K31/352,A61K36/185

classification

(31) Priority Document :1116789.7

(32) Priority Date :29/09/2011

(33) Name of priority :U.K.

country

(86) International

Application No

:PCT/GB2012/052284

Filing Date

(87) International

:WO 2013/045891 Publication No

(61) Patent of Addition to

Application Number Filing Date

(62) Divisional to **Application Number** :NA

:14/09/2012

:NA

:NA :NA

Filing Date

(71)Name of Applicant:

1)GW PHARMA LIMITED

Address of Applicant :Porton Down Science Park Salisbury

Wiltshire SP4 0JO U.K.

2)OTSUKA PHARMACEUTICAL CO. LIMITED

(72)Name of Inventor:

1)WHALLEY Benjamin

2)WILLIAMS Claire

3)STEPHENS Gary

(57) Abstract:

This invention relates to a pharmaceutical composition comprising or consisting essentially of the phytocannabinoids cannabidivarin (CBDV) and cannabidiol (CBD). The composition is particularly safe and efficacious for use in the treatment of neurological conditions characterized by hyper excitability of the central nervous system convulsions or seizures such as occur in epilepsy. Preferably the CBDV and the CBD are present with at least one non cannabinoid component of cannabis such as one or more terpenes or a terpene fraction. More particularly the composition further comprises one or more cannabichromene type compounds. Particularly cannabichromene propyl variant (CBCV) and / or cannabichromene (CBC). More particularly still the composition is absent or substantially absent of other cannabinoids including in particular tetrahydrocannabinol (THC) and tetrahydrocannabivarin (THCV) which would normally be present in significant amounts in cannabis chemotypes bred to contain a significant amount of CBDV and / or CBD.

No. of Pages: 36 No. of Claims: 13

(21) Application No.2301/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : DEVICE AND A METHOD FOR DISTRIBUTING FLOWABLE OR POURABLE SUBSTANCES IN PARTICULAR AIR CHOCOLATE

(51) International classification :A23G1/04,A23G1/20,A23G3/02 (71)Name of Applicant : (31) Priority Document No :11182783.8 1)BHLER GMBH

(32) Priority Date :26/09/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/068982

No

Filing Date :26/09/2012

(87) International Publication No:WO 2013/045503

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

1)BHLER GMBH
Address of Applicant :Klnerstr. 102 108 51702 Bergneustadt
Germany
(72)Name of Inventor:
1)ALTJOHANN Frank

The invention relates to a device (1) for distributing flowable or pourable substances for example chocolate comprising at least one metering element (2) with at least one metering channel (3) that can be brought into fluidic connection with a substance container and a substance destination (5). The device (1) has at least one closure element (6) that can be moved between a first position in which the substance substantially cannot exit the metering channel (3) in the direction of the substance destination (5) and a second position in which the substance can exit the metering channel (3) in the direction of the substance destination (5).

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

(21) Application No.2409/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: EXTRA FINE FIBER SHEET

(51) International classification	:D04H1/728	(71)Name of Applicant:
(31) Priority Document No	:2011212471	1)KURARAY CO. LTD.
(32) Priority Date	:28/09/2011	Address of Applicant :1621 Sakazu Kurashiki shi Okayama
(33) Name of priority country	:Japan	7100801 Japan
(86) International Application No	:PCT/JP2012/073815	(72)Name of Inventor:
Filing Date	:18/09/2012	1)HOSOYA Takayoshi
(87) International Publication No	:WO 2013/047264	2)HAYAKAWA Tomohiro
(61) Patent of Addition to Application	:NA	3)KAWAI Hiroyuki
Number	:NA	4)HAYASHI Hideo
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an extra fine fiber sheet which is formed of a fiber assembly that is configured of extra fine fibers having an average fiber diameter of 500 nm or less. This extra fine fiber sheet is provided with an extra fine fiber assembly which is configured of (A) a solvent spinnable polymer that has a weight average molecular weight of 5 000 100 000 and serves as a main component and (B) a polymer that has a weight average molecular weight not less than 10 times the weight average molecular weight of the polymer (A) and serves as an auxiliary component and wherein the constituent fibers have an average fiber diameter of 10 500 nm. The polymer (A) may be a low conductive or non conductive polymer and the polymer (B) may be a thickening polymer.

No. of Pages: 34 No. of Claims: 9

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A METHOD AND APPARATUS FOR MANUFACTURING A CAPSULE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61J3/07 :2011/07330 :06/10/2011 :South Africa :PCT/IB2012/055372	(71)Name of Applicant: 1)BIO CAPSULE PHARMACEUTICAL AND NUTRITIONAL PRODUCTS PROPRIETARY LIMITED Address of Applicant: 9a Bell Crescent Westlake Business Park 7945 Cape Town South Africa
	:PCT/IB2012/055372 :05/10/2012 :WO 2013/050973 :NA :NA :NA	1

(57) Abstract:

A method of manufacturing a capsule 12 for holding a substance 14 includes providing a capsule body 2 having a closed end 5 and an opposed open end 6; providing a diaphragm 4 having a closed end 7 and an opposed open end 8; partially filling the body 2 with substance 14; providing a gas tight chamber; providing a nitrogen gas environment within the chamber; applying a partial vacuum to the chamber; supporting an outer side 43 of the body 2; supporting an inner side 102 of the diaphragm 4; while supporting the body 2 and the diaphragm 4 inserting the closed end 7 of the diaphragm 4 into the open end 6 of the body 2 until regions of the body 2 and the diaphragm 4 overlap one another thereby closing off the open end 6 of the body 2 and forming a chamber 104 within which the substance 14 is held; and heat welding the overlapping regions of the capsule body 2 and the diaphragm 4 to one another to hermetically seal the chamber 104.

No. of Pages: 34 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2365/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: AUTOMATIC INJECTION DEVICE

(51) International classification	:A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:61/538098	1)ABBVIE INC.
· · · · · · · · · · · · · · · · · · ·	:22/09/2011	
(32) Priority Date		Address of Applicant :1 N Waukegan Road North Chicago IL
(33) Name of priority country	:U.S.A.	60064 U.S.A.
(86) International Application No	:PCT/US2012/056756	(72)Name of Inventor:
Filing Date	:21/09/2012	1)SHANG Sherwin S.
(87) International Publication No	:WO 2013/044172	2)TSVIRKO Eduard
(61) Patent of Addition to Application	:NA	3)CHIM Edwin
Number		4)SOMASHEKAR Shubha Chethean
Filing Date	:NA	5)OZDARYAL Esra
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Automatic injection device includes a housing a syringe a plunger and a syringe carrier. The housing includes a barrel between a first end and a second end. The barrel includes an elongated window to allow viewing of contents inside the housing. The syringe is disposed within the housing and has a reservoir. The plunger is at least partially disposed within the syringe and includes a visual indicator. The syringe carrier is disposed within the housing and configured to contain the syringe and displace the syringe within the housing between a first position and a second position. The syringe carrier can be substantially transparent. The syringe carrier can have first and second legs and an extension disposed therebetween and at least a portion of the extension can be configured to align with the window and the reservoir when the syringe carrier is in the first position.

No. of Pages: 56 No. of Claims: 30

(21) Application No.2366/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ENZYME TREATED TEA EXTRACT AND TEA BEVERAGE

(51) International classification :A23F3/16,A23F3/10,A23F3/40 (71)Name of Applicant :

(31) Priority Document No :2011195722 (32) Priority Date :08/09/2011

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2012/072968 Filing Date :07/09/2012

(87) International Publication No: WO 2013/035860

(61) Patent of Addition to **Application Number** Filing Date (62) Divisional to Application Number

:NA :NA

> :NA :NA

1)Suntory Beverage & Food Limited

Address of Applicant: 3 1 1 Kyobashi Chuo kuTokyo 1040031

Japan

(72)Name of Inventor:

1)YAMASHITA Tatsunori

2)NAGAO Koji

3)KOBAYASHI Shinichi 4)HAYAKAWA Satoshi

(57) Abstract:

Filing Date

Provided are a tea extract imparting a palatable body and a tea beverage containing the same. Specifically provided is a tea extract extracted after treating tea leaves using a cellulase exhibiting little contaminating pectinase activity.

No. of Pages: 25 No. of Claims: 12

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SINGLE SIDED MULTI BAND ANTENNA

(51) International classification	:H01Q7/00	(71)Name of Applicant :
(31) Priority Document No	:61/530902	1)DOCKON AG
(32) Priority Date	:02/09/2011	Address of Applicant :Gartenstrasse 10 CH 8002 Zurich
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/053228	(72)Name of Inventor:
Filing Date	:30/08/2012	1)BROWN Forrest James
(87) International Publication No	:WO 2013/033460	2)ORSI Ryan James
(61) Patent of Addition to Application	:NA	3)FOSTER Matthew Robert
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments provide multi band compound loop antennas (multi band antennas). Embodiments of the multi band antennas produce signals at two or more frequency bands with the two or more frequency bands capable of being adjusted and tuned independently of each other. Embodiments of a multi band antenna are comprised of at least one electric field radiator and at least one monopole formed out of the magnetic loop. At a particular frequency the at least one electric field radiator in combination with various portions of the magnetic loop resonate and radiate an electric field at a first frequency band. At yet another particular frequency the at least one monopole in combination with various portions of the magnetic loop resonate and radiate an electric field at a second frequency band. The shape of the magnetic loop can be tuned to increase the radiation efficiency at particular frequency bands and enable the multi band operation of antenna embodiments.

No. of Pages: 55 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN INK COMPOSITION

(62) Divisional to Application Number :NA Filing Date :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :PCT/US2011/054760 :04/10/2011 :WO 2013/052036 :NA :NA	(71)Name of Applicant: 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant:11445 Compaq Center Drive W. Houston Texas 77070 U.S.A. (72)Name of Inventor: 1)PRASAD Keshava A.
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(21) Application No.2413/DELNP/2014 A

(57) Abstract:

An ink composition includes from about 2 wt% to about 5 wt% of a colorant; from about 10 wt% to about 20 wt% of a co solvent; from about 0.5 wt% to about 1.0 wt% of an alkyl phosphate ester; from about 0.5 wt% to about 9 wt% of any of methyl gluceth 10 methyl glucose ether or PPG 20 methyl glucose ether; and a balance of water.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SOLDER MASK WITH ANCHOR STRUCTURES

(51) International classification (31) Priority Document No :13/229687

(32) Priority Date :10/09/2011 :U.S.A.

(33) Name of priority country

(86) International Application No :PCT/US2012/052525 Filing Date :27/08/2012

(87) International Publication No :WO 2013/036395

(61) Patent of Addition to Application :NA :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

:H01L23/498,H01L21/56 (71)Name of Applicant :

1)ATI TECHNOLOGIES ULC

Address of Applicant :1 Commerce Valley Drive East

Markham ON L3T 7X6 Canada

2)ADVANCED MICRO DEVICES INC.

(72)Name of Inventor: 1)KW LEUNG Andrew 2)TOPACIO Roden R. 3)HSIEH Yu Ling 4)LOW Yip Seng

(57) Abstract:

Various substrates or circuit boards for receiving a semiconductor chip and methods of processing the same are disclosed. In one aspect a method of manufacturing is provided that includes forming a first opening (125) in a solder mask (115) positioned on a side (117) of a substrate (20). The first opening (125) does not extend to the side (117). A second opening (119) is formed in the solder mask that extends to the side. The first opening (125) may serve as an underfill anchor site.

No. of Pages: 27 No. of Claims: 23

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : STACK OF FOLDED HYGIENE PRODUCTS AND METHOD AND APPARATUS FOR PRODUCING SAME

(51) International classification	:B65H45/20,B65H45/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCA HYGIENE PRODUCTS AB
(32) Priority Date	:NA	Address of Applicant :S 405 03 Gteborg Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/065027	1)ANDERSSON Anders
Filing Date	:31/08/2011	2)LARSSON Bjrn
(87) International Publication No	:WO 2013/029678	3)JOHANSSON Kenth
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for producing stacks (1) of individual web sections (2; 3) such as tissue web sections from a continuous web of material (2a; 2b) comprises the steps: (a) directing the continuous web (2a; 2b) to a perforating station (27); (b) perforating the continuous web (2a; 2b) at predetermined intervals and forming sheets (5) of web material between consecutive perforation lines (4) extending laterally across the continuous web (2a; 2b) the perforating being carried out by means of at least one perforation element (26) arranged at the circumference of a perforation roller (24); (c) directing the continuous web (2a; 2b) to a cutting station (31; (d) cutting at second predetermined intervals the continuous web (2a; 2b) into web sections (2; 3) by means of a cutting element (38) acting against an anvil element (37) in order to generate a clear cut or a tab bond; (e) folding the web sections (2; 3) by means of a folding roll (32); and (f) stacking the folded web section (2; 3) to generate a stack (1) of folded sheets.

No. of Pages: 36 No. of Claims: 26

(21) Application No.2342/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CIRCULATION AID FOR PRIMARY FRACTIONAL QUENCH LOOPS

(51) International classification :C07C11/04,C07C4/04,C07C7/05 (71)Name of Applicant: (31) Priority Document No :13/276599 1)NALCO COMPANY (32) Priority Date :19/10/2011 Address of Applicant :1601 W Diehl Road Naperville Illinois (33) Name of priority country :U.S.A. 60563 1198 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2012/058835 No 1)MANEK Maria Beata :05/10/2012 Filing Date 2)SHAH Meha H. (87) International Publication 3)FRYE Daniel K. :WO 2013/058997 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention directed to a method of reducing the increase in viscosity and the drop in the heat transfer coefficient that commonly occurs with quenching media which is repeatedly circulated through a hot reaction vessel. The method comprises adding a preserving composition to the quenching media. The composition comprises: a) high temperature polymerization inhibitor b) a tar dispersant and c) a viscosity reducer. The method allows the quenching media to remain effective longer than would otherwise be the case and thereby prevents problems associated with having to devote excessive resources for controlling heat recovery viscosity increases product downgrades or having to operate equipment at temperatures beyond their optimum performance designs.

No. of Pages: 14 No. of Claims: 11

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR USING INTELLIGENT ROUTER IN CHARGING SYSTEM AND APPARATUS ASSOCIATED THEREWITH

(51) International classification :H04L12/14,H04L29/08 (71)Name of Applicant : (31) Priority Document No :13/268205 (32) Priority Date :07/10/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/055291 Filing Date :14/09/2012

(87) International Publication No :WO 2013/052256

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)ALCATEL LUCENT

(21) Application No.2416/DELNP/2014 A

Address of Applicant: 3 avenue Octave Grard F 75007 Paris

(72)Name of Inventor: 1)SHARMA Ranjan

(57) Abstract:

(19) INDIA

A method for using a charging system to account for service provided by a network element (NE) of a service provider network includes receiving an accounting request (ACR) from the NE at a router in the charging system the ACR associated with service provided by the NE in the service provider network in conjunction with a communication session; modifying the ACR to form a modified ACR; sending the modified ACR to a charging collection function (CCF) server; receiving an accounting answer from the CCF server indicating the CCF server was not able to process the modified ACR; and resending the modified ACR to the CCF server or changing the modified ACR to form a revised ACR and sending the revised ACR to an alternate CCF server. A router associated with the method includes a service network communication module a message processing module and a charging system communication module.

No. of Pages: 40 No. of Claims: 10

(21) Application No.2417/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TWO PHASE STAINLESS STEEL

(51) International classification: C22C38/00, C22C38/58, C21D6/00 (71) Name of Applicant:

:28/08/2012

(31) Priority Document No :2011194160 (32) Priority Date :06/09/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/071725

No Filing Date

(87) International Publication :WO 2013/035588

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72)Name of Inventor:

> 1)TAKABE Hideki 2)AMAYA Hisashi 3)OGAWA Kazuhiro

(57) Abstract:

Provided is a two phase stainless steel which has high strength also has excellent SCC resistance and SSC resistance in a high temperature chloride environment and does not undergo the precipitation of a sigma phase. A two phase stainless steel according to an embodiment of the present invention contains in mass% 0.03% or less of C 0.2 to 1% of Si more than 5.0% and 10% or less of Mn 0.040% or less of P 0.010% or less of S 4.5 to 8% of Ni 0.040% or less of sol. Al more than 0.2% and 0.4% or less of N 24 to 29% of Cr 0.5% or more and less than 1.5% of Mo 1.5 to 3.5% of Cu 0.05 to 0.2% of W and a remainder made up by Fe and impurities wherein a requirement represented by formula (1) is fulfilled. Cr+8Ni+Cu+Mo+W/2=65 (1) To each element symbol in formula (1) a value of the content (mass%) of the corresponding element is assigned.

No. of Pages: 47 No. of Claims: 3

(21) Application No.2302/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD FOR PRODUCING A DISPERSION AND USE OF PROTEIN HYDROLYSATES AS DISPERSANTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01F17/30,C11D1/32,C09C3/10 :10 2011 053 829.1 :21/09/2011 :Germany	(71)Name of Applicant: 1)OTC GMBH Address of Applicant:Brammenring 11 46047 Oberhausen Germany
(86) International Application No Filing Date (87) International Publication	:PCT/EP2012/068260 :17/09/2012	(72)Name of Inventor: 1)DAHMS Gerd 2)JUNG Andreas
No (61) Patent of Addition to	:WO 2013/041492	
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing a dispersion and to the use of a protein hydrolysate as a dispersant or dispersing agent. In particular the invention relates to a method for producing a suspension and to the use of a protein hydrolysate as a dispersant in a suspension. According to the invention in particular hydrolysates of proteins having a consecutive sequence of amino acids having polar and non polar side groups are used as dispersants.

No. of Pages: 13 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : X RAY INSPECTION SYSTEM THAT INTEGRATES MANIFEST DATA WITH IMAGING/DETECTION PROCESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N23/04 :61/532093 :07/09/2011 :U.S.A. :PCT/US2012/054110 :07/09/2012 :WO 2013/036735 :NA :NA :NA	(71)Name of Applicant: 1)RAPISCAN SYSTEMS INC. Address of Applicant: 2805 Columbia Street Torrance CA 90503 U.S.A. (72)Name of Inventor: 1)PARIKH Shehul Sailesh 2)SANKARANARAYANAN Balamurugan 3)ABEL Jeffrey Bryan 4)KUMAR Siva
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(21) Application No.2304/DELNP/2014 A

(57) Abstract:

The present specification discloses systems and methods for integrating manifest data for cargo and light vehicles with their X ray images generated during scanning. Manifest data is automatically imported into the system for each shipment and helps the security personnel to quickly determine the contents of cargo. In case of a mismatch between cargo contents shown by manifest data and the X ray images the cargo may be withheld for further inspection. In one embodiment the process of analyzing the X ray image of the cargo in conjunction with the manifest data is automated.

No. of Pages: 37 No. of Claims: 20

(12) TATENT ATTLICATION TODLICATION

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WARP BAND STOP MOTION AND CIRCULAR LOOM

(51) International classification :D03D37/00,D03D51/28,D03D51/30 (31) Priority Document No :11181287.1 (32) Priority Date :14/09/2011 (33) Name of priority :FPO

country :EPO

(86) International PCT/EP2012/066625
Application No

Filing Date :27/08/2012

(87) International Publication No :WO 2013/037631

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)STARLINGER & CO GESELLSCHAFT M.B.H.

Address of Applicant :Sonnenuhrgasse 4 A 1060 Wien Austria

(72)Name of Inventor:
1)SCHINDLER Albert

2)HEHENBERGER Reinhold

(21) Application No.2419/DELNP/2014 A

(57) Abstract:

(19) INDIA

The warp band stop motion (1) for looms in particular circular looms comprises a sensor piece (2 22 32) that has a passage (3a) for a warp band (K K1 K2). The sensor piece (2 22 32) can be moved back and forth between a preloaded rest position (R) and a working position (A) into which the sensor piece can be moved by a tensile stress (F) of the warp band (K K1 K2) passing through the sensor piece. A rest position detector (5) detects the presence of the sensor piece (2 22 32) in the rest position (R) or the approach of the sensor piece (2 22 32) toward the rest position (R). If the rest position (R) of the sensor piece (2 22 32) or the approach of the sensor piece toward the rest position is detected the detector (5) emits a rest position signal (6). A warp band clamping device (15 16; 16 17; 34 35) is provided between which device and the sensor piece (2 22 32) the warp band (K K1 K2) can be clamped when the sensor piece (2 22 32) moves into the rest position (R) thereof.

No. of Pages: 24 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :28/03/2014

(21) Application No.2420/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: FIRING MEMBER DISPLACEMENT SYSTEM FOR A STAPLING INSTRUMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/072 :13/225857 :06/09/2011 :U.S.A. :PCT/US2012/052747 :29/08/2012 :WO 2013/036409 :NA :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati Ohio 45242 U.S.A. (72)Name of Inventor: 1)SWENSGARD Brett E.
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(57) Abstract:

A surgical stapling instrument can comprise a jaw (122) configured to receive a staple cartridge (130) a firing member (170)configured to eject staples from the staple cartridge and a system (140) for supplying a continuous number of staple cartridges to the jaw. The surgical stapling instrument can further comprise a system (109 118) for displacing the firing member into a position in which a staple cartridge (130) can be slid relative to the firing member (170). In at least one such embodiment the surgical stapling instrument can comprise a shaft (110) and a plurality of staple cartridges (130) positioned within the shaft wherein the firing member can be dropped downwardly within the shaft such that one or more staple cartridges can be slid by the firing member.

No. of Pages: 74 No. of Claims: 21

(21) Application No.2377/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INSTRUMENT REPROCESSORS SYSTEMS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B1/12 :13/278837 :21/10/2011 :U.S.A. :PCT/US2012/060821 :18/10/2012 :WO 2013/059465 :NA :NA :NA	(71)Name of Applicant: 1)ETHICON INC. Address of Applicant: P.O. Box 151 U.S. Route 22 Somerville New Jersey 08876 U.S.A. (72)Name of Inventor: 1)PERLMAN Timothy J. 2)YANG Sungwook 3)MICHALOSKI Robert P.
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(57) Abstract:

An instrument reprocessor is disclosed. The instrument reprocessor includes a basin having a rim located in an inclined plane forming an acute angle with respect to a horizontal plane. At least one nozzle is disposed in a plane substantially parallel to the inclined plane. The at least one nozzle is configured to discharge a stream into the basin in a direction substantially parallel to the inclined plane. A lid assembly is also disclosed. The lid assembly may cover the basin in a close configuration.

No. of Pages: 95 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2378/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: SHEARING DEVICE FOR EXTRUSION PRESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B21C35/04 :2011233471 :25/10/2011 :Japan :PCT/JP2012/069899 :03/08/2012 :WO 2013/061666 :NA :NA	(71)Name of Applicant: 1)UBE MACHINERY CORPORATION LTD. Address of Applicant: 1980 Aza Okinoyama Oaza Kogushi Ube shi Yamaguchi 7558633 Japan (72)Name of Inventor: 1)MASUNAGA Yoshikazu 2)YAMAMOTO Takeharu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A shearing device for an extrusion press is adapted for cutting off from each other an extruded product and a discard which is the residue of a billet the shearing device being configured so that the configuration thereof is simplified to reduce costs required for maintenance and production and so that the gap between the shear blade and an end surface of a die is automatically adjusted to improve the shearing accuracy thereby providing a satisfactory cut surface. A shear cylinder (21) is mounted in a downward facing position to a frame (16) provided on the side of an end platen (11) which faces a container (10). A shear guide (18) is mounted to the frame (16) in a tiltable manner the shear guide (18) having a shear blade (24) which is provided at the lower end thereof and guiding a shear slide (23). A tilt cylinder (19) for the shear guide (18) is mounted to the frame (16) the tilt cylinder (19) being capable of keeping the gap between the front face of a die stack (12) and the shear blade (24) constant by pressing the shear guide (18) against a horseshoe (26). The piston rod (22) of the shear cylinder (21) is mounted to the shear slide (23) so as to be capable of tilting and sliding.

No. of Pages: 17 No. of Claims: 1

(21) Application No.2423/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TRAY AND PACKAGING FOR MEDICAL CONTAINERS

(51) International :B65D25/10,B65D77/02,B65D81/133 classification

(31) Priority Document No :11306122.0 (32) Priority Date :09/09/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/067573 Application No

:07/09/2012 Filing Date

(87) International

:WO 2013/034737 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BECTON DICKINSON FRANCE

Address of Applicant :11 Rue Aristide Berges F 38800 Le

Pont de Claix France (72)Name of Inventor: 1)LANIER Romain 2)PLOUVIER Adrien 3)BIANCON Charles 4)CARREL Franck

(57) Abstract:

The invention relates to a tray (3) for medical containers (2 2) comprising a plurality of elongated parallel cavities (30) that are intended to receive at least one container (2 2) wherein each of said cavities (30) comprises a first set of contact surfaces (301a 301b) for holding said at least one container (2) and each of said cavities (30) comprises a second set of contact surfaces (302a 302c) for holding said at least one container (2) when provided with a cap said contact surfaces (301a 301b 302a 302c) being arranged such that said at least one capped container (2) is held in the cavity (30) in a reverse orientation with respect to said at least one container (2). The invention also relates for a packaging for medial containers and a process for packaging medical containers.

No. of Pages: 25 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :28/03/2014

(21) Application No.2424/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: FAST RUN BACK CONTROL INCLUDING PLANT LOSSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/09/2012 :WO 2013/044927 :NA :NA	(71)Name of Applicant: 1)VESTAS WIND SYSTEMS A/S Address of Applicant: Hedeager 44 DK 8200 Aarhus N Denmark (72)Name of Inventor: 1)MAYER Peter Frederick
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for operating a wind power plant with at least one wind turbine generator and a power plant controller the method includes the steps of receiving a request to reduce active power output from the wind power plant dispatching a reference set point to the at least one wind turbine generator to lower a voltage level of the least one wind turbine generator and the at least one wind turbine generator controls the voltage level of the least one wind turbine generator to a new lower set point. The present invention also relates to a wind power plant where the method is implemented.

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

(19) INDIA

(22) Date of filing of Application :24/03/2014

(21) Application No.2227/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : AN EXTENSIBLE FRAMEWORK WHICH ENABLES THE MANAGEMENT OF DISPARATELY LOCATED HETEROGENEOUS SYSTEMS REQUIRING COMMAND & CONTROL SITUATIONAL AWARENESS OPERATIONS MANAGEMENT AND OTHER SPECIFIC CAPABILITIES

(31) Priority Document No :61/528302 1)I (32) Priority Date :29/08/2011 A (33) Name of priority country :U.S.A. CA 9 (86) International Application No :PCT/US2012/052705 2)F Filing Date :28/08/2012 (72)N (87) International Publication No :WO 2013/033117 1)I	1)Name of Applicant: 1)DIEBNER Christopher Address of Applicant: 350 11th Avenue Unit 928 San Diego A 92101 U.S.A. 2)HERRERA Carlos 2)Name of Inventor: 1)DIEBNER Christopher 2)HERRERA Carlos
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(57) Abstract:

The solution described herein through it s unique design provides capability such as command and control situational awareness operations management and other tactical capabilities as building blocks to be added or extended for the buildout of specific strategic or tactical solutions. Traditional approaches for the implementation of strategic or tactical systems have historically been stove piped and build on closed architectures. The solution is architected using open standards and open interfaces in order to simplify the integration into both new and legacy system.

No. of Pages: 29 No. of Claims: 14

(21) Application No.2228/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CHAIN TENSION GUIDE SUITABLE FOR AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H7/18 :61/548355 :18/10/2011 :U.S.A. :PCT/US2012/059860 :12/10/2012 :WO 2013/059077 :NA :NA :NA	(71)Name of Applicant: 1)E.I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 Market Street Wilmington Delaware 19899 U.S.A. (72)Name of Inventor: 1)NAKAGAWA Shin Ichi 2)RAI Bunichi 3)IWAMOTO Kaori 4)SEKIGUCHI Satoru
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(57) Abstract:

A chain tension comprising a guide body wherein the guide body comprises a layer made of a non thermoplastic polyimide on at least part of the chain guiding face.

No. of Pages: 23 No. of Claims: 8

(22) Date of filing of Application :24/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RADIATION IMAGING SYSTEM CONTROL METHOD THEREFOR AND RADIOGRAPH **DETECTION EQUIPMENT**

(51) International classification :A61B6/00,G01T7/00,G03B42/02 (71)Name of Applicant: (31) Priority Document No :2011214199

(32) Priority Date :29/09/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/074500

:25/09/2012 Filing Date

(87) International Publication :WO 2013/047489

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)FUJIFILM CORPORATION

Address of Applicant :26 30 Nishiazabu 2 chome Minato ku

Tokyo 1068620 Japan (72)Name of Inventor: 1)KUWABARA Takeshi

2)KAMIYA Takeshi 3)KITAGAWA Yusuke 4)TAJIMA Takashi

(57) Abstract:

The invention prevents delays in the communication of stop signals which stop X ray irradiation. An electronic cassette (19) begins an accumulation operation and measurement of X ray dose in a FPD (23) when a synchronization signal representing the beginning of X ray irradiation is input from a radiation source control unit (15) which controls an X ray source (14). The electronic cassette (19) and a console (13) stop the respective communication units (42) from communicating anything other than a stop signal which stops X ray irradiation to the X ray source during the accumulation operation of the FPD (23). When the X ray dose reaches a previously established threshold the electronic cassette (19) sends a stop signal to the radiation source control unit via the console (13). Since all communication other than stop signals are stopped in the electronic cassette (19) and the console (13) delays of the stop signal due to congestion of communication or signal collision do not occur.

No. of Pages: 56 No. of Claims: 29

(21) Application No.2426/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HIGH STRENGTH HOT DIP GALVANIZED STEEL SHEET AND PROCESS FOR PRODUCING **SAME**

(51) International classification :C22C38/00,B21B3/00,C21D9/46 (71)Name of Applicant:

:WO 2013/047808

(31) Priority Document No :2011217143 (32) Priority Date :30/09/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/075194 No

:28/09/2012 Filing Date

(87) International Publication

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72)Name of Inventor:

1)SATO Koichi 2)YAMANAKA Shintaro

3)FUJITA Soshi

(57) Abstract:

A high strength hot dip galvanized steel sheet containing a main component the steel sheet having at least 40 wt% of ferrite as a main phase in terms of the volumetric ratio and 8 60% inclusive of residual austenite the remaining structure comprising one or more of bainite martensite or pearlite. Austenite particles within a range where the average residual stress (sR) thereof satisfies the expression 400MPa=sR=200MPa (formula (1)) are present in an amount of 50% or more in the hot dip galvanized steel sheet. The surface of the steel sheet has a hot dip galvanized layer containing less than 7 wt% of Fe the remainder comprising Zn Al and inevitable impurities.

No. of Pages: 40 No. of Claims: 6

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD FOR PREPARING A MASTERBATCH OF DIENE ELASTOMER AND SILICA

(51) International classification :C08L7/02,C08L21/02,C08J3/22 (71)Name of Applicant : (31) Priority Document No 1) COMPAGNIE GENERALE DES ETABLISSEMENTS :1159176 (32) Priority Date :11/10/2011 MICHELIN (33) Name of priority country Address of Applicant :12 Cours Sablon F 63000 Clermont :France (86) International Application No:PCT/EP2012/070028 Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. Filing Date :10/10/2012 (87) International Publication No: WO 2013/053734 (72)Name of Inventor: (61) Patent of Addition to 1)DE GAUDEMARIS Beno®t :NA **Application Number** 2)LAFFARGUE Graldine :NA Filing Date 3)BERRIOT Julien

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

The invention relates to a method for preparing a masterbatch of diene elastomer and silica comprising the following successive steps of: preparing at least one silica dispersion in water; bringing into contact and mixing an elastomer latex and the aqueous silica dispersion in the presence of an aluminium salt in order to obtain a coagulum; and recovering the coagulum and drying same in order to obtain the masterbatch. The aluminium cation molar ratio defined as the number of moles of aluminium cations of the aluminium salt per BET unit area of the silica is between 1 1510and 5 10 mol/m.

No. of Pages: 27 No. of Claims: 19

(19) INDIA

(43) Publication Date: 13/03/2015

(21) Application No.2312/DELNP/2014 A

(22) Date of filing of Application :26/03/2014

(54) Title of the invention : FIBRONECTIN TYPE III REPEAT BASED PROTEIN SCAFFOLDS WITH ALTERNATIVE BINDING SURFACES

(31) International classification C40B50/00,C40B40/10 (31) Priority Document No :61/539670 (32) Priority Date :27/09/2011	(71)Name of Applicant: 1)JANSSEN BIOTECH INC. Address of Applicant:800/850 Ridgeview Drive Horsham Pennsylvania 19044 U.S.A. (72)Name of Inventor: 1)DIEM Michael 2)JACOBS Steven
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(57) Abstract:

Protein scaffolds and scaffold libraries based on a fibronectin type III (FN3) repeat with an alternative binding surface design isolated nucleic acids encoding the protein scaffolds 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: 106 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International :B29B13/10,B29B17/04,B29C47/10

classification .B29B13/10,B29B17/04,B29C477.

(31) Priority Document No :A 1508/2011 (32) Priority Date :14/10/2011 (33) Name of priority country :Austria

(86) International Application :PCT/AT2012/050151

No Filing Date :12/10/2012

(87) International Publication: WO 2013/052979

No (61) Patent of Addition to

Application Number
Filing Date

(22) Printing Industrial State of Addition to SNA
SNA
SNA
SNA

(62) Divisional to Application :NA
Number :NA
Filing Date

(71)Name of Applicant:

(21) Application No.2313/DELNP/2014 A

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant :Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria
(72)Name of Inventor:
1)FEICHTINGER Klaus
2)HACKL Manfred

(57) Abstract:

(19) INDIA

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a multiple screw conveyor (5) is provided with at least two screws (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) of the screw (6) that is closest to the container (1) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15) and the two screws (6) run in opposite directions.

No. of Pages: 27 No. of Claims: 20

(21) Application No.2430/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR PREPARING A MASTERBATCH OF DIENE ELASTOMER AND SILICA

(51) International classification :B60C1/00,C08J3/22,C08J3/215 (71)Name of Applicant : (31) Priority Document No :1159178 (32) Priority Date :11/10/2011 (33) Name of priority country :France (86) International Application No: PCT/EP2012/070031

Filing Date :10/10/2012 (87) International Publication No: WO 2013/053736

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) COMPAGNIE GENERALE DES ETABLISSEMENTS

MICHELIN

Address of Applicant :12 Cours Sablon F 63000 Clermont

Ferrand France

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor:

1)DE GAUDEMARIS Beno®t 2)LAFFARGUE Graldine 3)BERRIOT Julien

(57) Abstract:

The invention relates to a method for preparing a masterbatch of diene elastomer and of silica involving the following successive steps: preparing at least one dispersion of silica in water bringing an elastomer latex into contact with and mixing it into the aqueous dispersion of silica in the presence of a calcium salt in order to obtain a coagulum recovering the coagulum drying the recovered coagulum in order to obtain the masterbatch; the molar ratio of calcium cations defined as being the number of moles of calcium cations in the calcium salt per unit area of silica is comprised between 1.19 10 and 2.81 10 mol/m.

No. of Pages: 27 No. of Claims: 18

(21) Application No.2431/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ELASTOMER COMPOSITION HAVING A VERY GOOD DISPERSION OF THE CHARGE IN THE **ELASTOMER MATRIX**

(51) International classification :C08K3/04,C08K5/01,C08J3/215 (71)Name of Applicant:

(31) Priority Document No :1159821 (32) Priority Date :28/10/2011

(33) Name of priority country :France :PCT/EP2012/071280

(86) International Application

:26/10/2012 Filing Date

(87) International Publication No:WO 2013/060857

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)COMPAGNIE GENERALE DES ETABLISSEMENTS

MICHELIN

Address of Applicant :12 Cours Sablon F 63000 Clermont

Ferrand France

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor: 1)SEVIGNON Marc 2)BELIN Ccile

(57) Abstract:

THE INVENTION RELATES TO A RUBBER COMPOSITION BASED ON AT LEAST ONE DIENIC ELASTOMER A REINFORCING FILLER INCLUDING AT LEAST CARBON BLACK HAVING A SPECIFIC SURFACE AREA CTAB GREATER THAN OR EQUAL TO 130 M/G A PLASTICIZING HYDROCARBON RESIN THE VITREOUS TRANSITION TEMPERATURE OF WHICH TG IS GREATER THAN 20°C AND THE SOFTENING TEMPERATURE OF WHICH IS LESS THAN 170°C AND A CROSS LINKING SYSTEM THE DISPERSION OF THE CHARGE IN THE ELASTOMER MATRIX HAVING A Z SCORE GREATER THAN OR EQUAL TO 70.

No. of Pages: 33 No. of Claims: 32

(21) Application No.2432/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: KEY WITH FIXED KEY PIN PROTRUDING FROM A KEY CUT SURFACE

(51) International classification :E05B19/00,E05B27/00 (71)Name of Applicant : (31) Priority Document No 1)DOLEV Moshe :13/271246 (32) Priority Date Address of Applicant: 4 HaMelacha Street 43661 Raanana :12/10/2011 (33) Name of priority country :U.S.A. :PCT/US2012/059691 (86) International Application No (72)Name of Inventor: Filing Date :11/10/2012 1)DOLEV Moshe (87) International Publication No :WO 2013/055877 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A key device including a shaft including a key cut surface for forming inward key cuts thereon a key head mounted on the shaft; and a fixed key pin protruding outwards from the key cut surface.

No. of Pages: 31 No. of Claims: 7

(21) Application No.2433/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: COMPOSITIONS AND METHODS OF TREATING HIGH TEMPERATURE SUBTERRANEAN **FORMATIONS**

(51) International classification :C09K8/68,C09K8/72,C09K8/70 (71)Name of Applicant:

(31) Priority Document No :13/236378 (32) Priority Date :19/09/2011

(33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/043308

Filing Date :20/06/2012

(87) International Publication No: WO 2013/043243

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)BAKER HUGHES INCORPORATED

Address of Applicant :2929 Allen Parkway Suite 2100

Houston Texas 77019 U.S.A.

(72)Name of Inventor: 1) CARMAN Paul S.

2) GUPTA D.V. Satyanarayana

(57) Abstract:

Well treatment fluids and methods of treating high temperature subterranean formations of up to about 500 F (260 C) are provided. The well treatment fluids and methods utilize a high molecular weight synthetic copolymer and a pH buffer than maintains a pH in a range of about 4.5 to about 5.25 for the fluids. The high molecular weight synthetic copolymer is derived from acrylamide acrylamidomethylpropanesulfonic acid and vinyl phosphonates. The well treatment fluids may be energized or foamed.

No. of Pages: 33 No. of Claims: 20

(21) Application No.2305/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ANTI ICAM 1 ANTIBODIES TO TREAT MULTIPLE MYELOMA RELATED DISORDERS

(51) International (71)Name of Applicant: :A61K39/395,A61P35/00,C07K16/28 classification 1)BIOINVENT INTERNATIONAL AB (31) Priority Document No: 1116774.9 Address of Applicant :Slvegatan 41 S 223 70 Lund Sweden (32) Priority Date :29/09/2011 (72)Name of Inventor: 1)HANSSON Markus (33) Name of priority :U.K. country (86) International :PCT/EP2012/069132 Application No :27/09/2012 Filing Date (87) International :WO 2013/045580 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

(57) Abstract:

Application Number

Filing Date

The invention relates to the use of an antibody or an antigen binding fragment thereof with binding specificity for ICAM 1 or a variant fusion or derivative of said antibody or an antigen binding fragment with binding specificity for ICAM 1 for the treatment of a multiple myeloma related disorder. The invention also relates to methods for the administration of such antibodies fragments variants fusion and derivatives thereof.

No. of Pages: 46 No. of Claims: 32

:NA

(21) Application No.2306/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International :B29B13/10,B29B17/04,B01F15/02

:NA

classification (31) Priority Document No :A 1502/2011

(32) Priority Date :14/10/2011 (33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050154

No :12/10/2012 Filing Date

(87) International Publication :WO 2013/052982

No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria (72)Name of Inventor:

1)FEICHTINGER Klaus 2)HACKL Manfred

(57) Abstract:

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). The screw (6) rotates clockwise when seen from the start of the screw (6) in the direction to the end or discharge opening of the conveyor (5).

No. of Pages: 26 No. of Claims: 15

(21) Application No.2435/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: PRODUCTION METHOD FOR 3 4 DIHYDROISOQUINOLINE DERIVATIVE

:C07D217/16,C07B61/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2011213689 (32) Priority Date :29/09/2011 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/075086 Filing Date :28/09/2012

(87) International Publication No :WO 2013/047751

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)MITSUI CHEMICALS AGRO INC.

Address of Applicant: 5 2 Higashi Shimbashi 1 chome Minato

ku Tokyo 1057117 Japan (72)Name of Inventor: 1)UMETANI Hideki

(57) Abstract:

Provided is an industrially advantageous production method for a 3 4 dihydroisoquinoline derivative. In the production method for a 3 4 dihydroisoquinoline derivative represented by general formula (1) a compound represented by general formula (2) is reacted in a hydrocarbon based solvent or in the absence of solvent with a compound represented by general formula (3) in the presence of an acid.

No. of Pages: 13 No. of Claims: 2

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PRODUCTION METHOD FOR 4.4 DIFLUORO 3.4 DIHYDROISOQUINOLINE DERIVATIVE

(21) Application No.2436/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D401/04 :2011213687 :29/09/2011 :Japan :PCT/JP2012/075084 :28/09/2012 :WO 2013/047749 :NA :NA :NA	(71)Name of Applicant: 1)MITSUI CHEMICALS AGRO INC. Address of Applicant: 5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan (72)Name of Inventor: 1)UMETANI Hideki 2)KONDO Nobuhiro 3)KAJINO Fumie
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(57) Abstract:

Provided is a simple efficient method for the mass production of a 4 4 difluoro 3 4 dihydroisoquinoline derivative. In the production method for a 4 4 difluoro 3 4 dihydroisoquinoline derivative represented by general formula (1) hydrogen fluoride and a compound represented by general formula (2) are reacted.

No. of Pages: 25 No. of Claims: 4

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

:NA

(54) Title of the invention: DEVICE MACHINING MATERIALS BY MILLING OR DRILLING AND METHOD THEREFOR

(51) International classification :E21C25/10,E21C27/24 (71)Name of Applicant : 1)CATERPILLAR GLOBAL MINING EUROPE GMBH (31) Priority Document No :102011053984.0 (32) Priority Date :27/09/2011 Address of Applicant: Industriestrasse 1 44534 Lunen (33) Name of priority country :Germany Germany (86) International Application No :PCT/US2012/056977 (72)Name of Inventor: Filing Date :25/09/2012 1)MULLER Martin (87) International Publication No :WO 2013/048974 2)ANDEREGG Roland (61) Patent of Addition to Application 3)KURMANN Lukas :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The invention relates to a method and a device for machining materials by milling and/or drilling in particular for removing rock concrete minerals or coal having a tool drum (10) in which a plurality of tool shafts (9) which bear machining tools (7) at their ends projecting from the tool drum (10) are mounted such that they can be driven in rotation. A drive element (12) for the tool shafts and the tool drum (13) can be rotated relative to each other and the drum carrier can be moved relative to the material by using a movement device (67). By means of a control device the speed of the relative movement between tool carrier (2) and material and the rotational speed of the tool drum (10) can be varied. In order to avoid critical operating points the device is assigned at least one measuring sensor (30) for measuring the natural translational vibration and/or at least one measuring sensor (32; 34) for determining the rotational vibrations of the tool drum (10) and the control device has at least one vibration analysis module by means of which in a vibration analysis a vibration spectrum can be determined and at least one controller module by means of which drive parameters can be or are controlled as a function of the vibrations determined by the analysis module.

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

(21) Application No.2352/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: GROUND ENGAGING IMPLEMENT TOOTH ASSEMBLY WITH TIP AND ADAPTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/10/2012 :WO 2013/052819 :NA :NA :NA	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant:100 N.E. Adams Street Peoria IL 61629 9510 U.S.A. (72)Name of Inventor: 1)RENSKI William J. 2)LAHOOD James Robert
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A ground engaging tip (14 150 180 190 210) of a tooth assembly (10) for a base edge (18) of a ground engaging implement (1 6) is provided wherein the tooth assembly (10) includes an adapter (12 170) configured for attachment to a base edge (18) of the ground engaging implement (1 6) and having a forwardly extending adapter nose (26). The ground engaging tip (14 150 180 190 210) may have a substantially keystone shaped contour providing additional wear material at the top surface for use in top wearing earth moving applications.

No. of Pages: 74 No. of Claims: 10

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: GROUND ENGAGING IMPLEMENT TOOTH ASSEMBLY WITH TIP AND ADAPTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E02F9/28 :61/545110 :08/10/2011 :U.S.A. :PCT/US2012/058997 :05/10/2012 :WO 2013/052826 :NA :NA	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant:100 N.E. Adams Street Peoria IL 61629 9510 U.S.A. (72)Name of Inventor: 1)RENSKI William J. 2)LAHOOD James Robert 3)KOTTAKAPU Sudha 4)CONGDON Thomas Marshall
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(57) Abstract:

A ground engaging tip (14 150 180 190 210) of a tooth assembly (10) for a base edge (18) of a ground engaging implement (1 6) is provided wherein the tooth assembly (10) includes an adapter (12 170) configured for attachment to a base edge (18) of the ground engaging implement (1 6) and having a forwardly extending adapter nose (26). In various embodiments the ground engaging tip (14 150 180 190 210) is configured for digging into work material in diverse earth moving environments. The tip includes a bottom outer surface (74) with a relief (102) which serves to reduce the weight of the tip and reduce resistance of the movement of the tip.

No. of Pages: 75 No. of Claims: 10

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: OPERATING TABLES AND ACCESSORIES

(51) International classification :A61G13/10,A61G13/04,A61G13/12

(31) Priority Document No :1115391.3 (32) Priority Date :06/09/2011

(33) Name of priority country :U.K.

(86) International

Application No :PCT/GB2012/052197

Filing Date :06/09/2012

(87) International Publication No :WO 2013/034916

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant: 1)WOOTTON Malcolm

Address of Applicant :c/o Moto Comp Ltd Unit 10 Hathersage Park Heather Lane Hathersage Hope Valley Derbyshire S32 1DP U.K.

(72)Name of Inventor: 1)WOOTTON Malcolm

(57) Abstract:

This application relates to operating tables and accessories designed to facilitate surgical procedures on a limb especially but not exclusively orthopaedic procedures involving the distraction dislocation or replacement of a joint. A such accessory includes a table mounted component (200) including a patient support (103) and a floor standing component (200) including an articulated limb support beam (205). Cooperating locating features including a notch 118 and guide channels (217) on the two components locate the components relative to each other. They are designed so that with the patient support (103) supporting at least some of the weight of the patient the articulated limb support beam (205) is properly positioned to support and manipulate the limb. Moreover they are so configured as to allow the table to be tilted relative to the floor standing component (200) while continuing to locate the components relative to each other.

No. of Pages: 65 No. of Claims: 74

(21) Application No.2444/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS FOR SANITISING MEDICAL DEVICES

(51) International classification	:A61L2/18,A61B19/00	(71)Name of Applicant :
(31) Priority Document No	:VI2011A000237	1)IMS S.r.l.
(32) Priority Date	:31/08/2011	Address of Applicant :Via Laurentina 169 I 00040 Pomezia
(33) Name of priority country	:Italy	(RM) Italy
(86) International Application No	:PCT/IB2012/001694	(72)Name of Inventor:
Filing Date	:31/08/2012	1)AFFAITATI Pietro
(87) International Publication No	:WO 2013/030662	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A machine for the cold sanification of medical devices comprises at least one sanification chamber (2) adapted to housing at least one medical device to be treated means (3) for supplying one or more sanification fluids comprising a plurality of hydraulic circuits (4 4 4) each having a drawing conduit (5 5 5) for the sanification fluids connectable to a respective reservoir (S S\ S) and a plurality of delivering conduits (6 6 6 ...) connected with the sanification chamber (2) for introducing the pressurized fluids therein means (7) for fluidically connecting one or more of the drawing conduits (6 6 6 ...) with corresponding inner channels of the device housed into the sanification chamber (2). The supplying means (3) comprise a central collector (9) interposed between the drawing conduits (5 5 5) and the delivering conduits (6 6 6 ...) for receiving from the first the fluids an to supply to each of the delivering conduits (6 6 6 ...) the sanification fluids at the substantially same pressure (P).

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LIGHT THERAPY PLATFORM SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:A61N5/06 :61/532140 :08/09/2011	(71)Name of Applicant: 1)LA LUMIERE LLC Address of Applicant: 7690 First Place Suite D Cleveland OH 44146 U.S.A.
(32) Friendly Bate(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/US2012/053838 :06/09/2012	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2013/036558 :NA :NA	3)SHUTER David 4)FREITAG Eric 5)ALTHOFF Charles Peter 6)BRAMLEY Alignoin
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	6)BRAMLEY Alistair 7)ZADEH Allen 8)SHUTER Daniel Joseph 9)LORENC Zbigniew Paul

(57) Abstract:

Phototherapy systems comprising a therapeutic lamp platform for radiant lamps such as LEDs disposed in an assembly comprising a first wall to which the lamps are affixed thereto and a second wall closer to the patient spaced from the first wall wherein the lamps are recessed relative thereto. The second wall comprises a reflective surface facing towards a patient and a plurality of light apertures substantially aligned with the LEDs on the first wall for communicating lamp radiation from the lamps to a user. The lamps and associated circuitry are disposed between the first and second wall so that the reflective surface is relatively smooth and seamless towards the patient. The walls have a malleable rigidity for flexible adjustability relative to the user. The device is mounted to the user with a frame comprising an eyeglass frame or goggles including lenses for shielding the user s eyes from lamp radiation.

No. of Pages: 37 No. of Claims: 72

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: COMBUSTION APPARATUS WITH INDIRECT FIRING SYSTEM

(51) International classification :F23C7/00,F23D1/00,F23K3/02 (71)Name of Applicant :

(31) Priority Document No :1114894.7 (32) Priority Date :30/08/2011

(33) Name of priority country :U.K.

(86) International Application No: PCT/GB2012/052011

Filing Date :17/08/2012 (87) International Publication No: WO 2013/030533

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)DOOSAN BABCOCK LIMITED

Address of Applicant : Doosan House Crawlev Business Quarter Manor Royal Crawley Sussex RH10 9AD U.K.

(72)Name of Inventor:

1)STURGEON David William 2)HESSELMANN Gerard John

(57) Abstract:

The invention relates to a combustion apparatus in particular to a burner for the combustion of carbonaceous fuel. The combustion apparatus comprises a burner having a burner inlet for receiving a supply of combustible pulverous fuel (1) and a supply of comburant gas (2) and a burner outlet (30) in the vicinity of which combustion of the fuel is supported during use; at least a primary conduit defining a flow channel for conveying a mixture of fuel and comburant gas from the burner inlet to the burner outlet; a fuel feed line defining a flow channel which conveys a pulverous combustible fuel in a dense phase; and a supply conduit fluidly connecting a comburant gas supply to the primary conduit and defining with the primary conduit a primary flow stream; wherein the fuel feed line is provided with a fuel feed outlet into the supply conduit upstream of the burner inlet to supply pulverous combustible fuel in a dense phase; and wherein the primary flow stream is provided with a mixing device (21) downstream of the fluid supply outlet. A method for combusting pulverous combustible fuel in a burner embodying such principles is also described.

No. of Pages: 26 No. of Claims: 32

(12) TATENT ATTECATION TOBERCATION

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING ANIMALS IN THREE DIMENSIONAL SPACE AND FOR INDUCING AVOIDANCE IN AN ANIMAL

(21) Application No.2449/DELNP/2014 A

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date (51) International classification (51) Same of Applicant: (51) Name of Applicant: (52) Name of Inventor: (72) Name of Inventor: (72) Name of Inventor: (72) Name of Inventor: (72) Name of Inventor: (73) Name of Applicant: (74) Name of Applicant: (75) Name of Applicant: (76) Name of Applicant: (77) N	03063
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(57) Abstract:

(19) INDIA

The system and method of detection of low flying animals such as birds bats and insects and more particularly the detection of low flying animals using a radar system to detect the animals in three dimensional airspace. The radar system produces narrowly focused radar pulses. The radar system comprises a single radar unit an A/D proceeding apparatus an A/D conversion apparatus and a pan/tilt controlled base platform. The System and method further producing an avoidance response in an animal and more particularly producing an avoidance response by illuminating the animal with ultraviolet light.

No. of Pages: 59 No. of Claims: 43

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD FOR CONTROLLING GAS PRESSURE IN COOLING PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F25B49/00 :PA 2011 00779 :07/10/2011 :Denmark :PCT/DK2012/000109 :05/10/2012 :WO 2013/050035 :NA :NA	(71)Name of Applicant: 1)DANFOSS A/S Address of Applicant: Nordborgvej 81 DK 6430 Nordborg Denmark (72)Name of Inventor: 1)MADSEN Kenneth Bank 2)SCHMIDT Frede
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for monitoring gas pressure in a heat rejecting heat exchanger in a cooling circuit is disclosed. In the heat rejecting heat exchanger pressure is controlled by means of a control unit said control unit controlling at least one valve. The present capacity of one or more compressors in the cooling circuit compared to a maximum capacity of the one or more compressors is established. The maximum capacity may be the rated capacity of the compressors or it may be a maximum capacity under the given circumstances and/or the given operating conditions. If the present capacity of the one or more compressors is at least at a level corresponding to a pre set percentage of the maximum capacity a period of time elapsed from a point in time where the compressor capacity reached said level is established. If the established period of time has a duration which is longer than a pre set period of time then it is concluding that the cooling medium is in a gas loop operational mode. Detecting a gas loop operational mode in an easy manner allows an operator or a controller to adjust operation of the cooling plant in such a manner that the cooling medium is brought out of the gas loop operational mode thereby increasing the energy efficiency of the cooling plant.

No. of Pages: 18 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2415/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: A METHOD AND APPARATUS FOR MANUFACTURING A CAPSULE

(51) International classification	:A61J3/07	(71)Name of Applicant :
(31) Priority Document No	:2011/07330	1)BIO CAPSULE PHARMACEUTICAL AND
(32) Priority Date	:06/10/2011	NUTRITIONAL PRODUCTS PROPRIETARY LIMITED
(32) Priority Date (33) Name of priority country	:South Africa	Address of Applicant :9a Bell Crescent Westlake Business
(86) International Application No		Park Cape Town 7945 South Africa
Filing Date	:05/10/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/050974	` '
	.WO 2013/030974	1)VAN ROOYEN Jacques 2)MILLER Duncan Edward Bach
(61) Patent of Addition to Application Number	:NA	2)WILLER Duncan Edward Dach
1,61110.01	:NA	
Filing Date (62) Divisional to Application Number	:NA	
(62) Divisional to Application Number		
Filing Date	:NA	

(57) Abstract:

A method of manufacturing a capsule (12) for holding a substance (14) including providing a capsule body (2) having a closed end (5) an opposed open end (6) and a predetermined length defined between the ends (5 6); providing a diaphragm (4) having a closed end (7) an opposed open end (8) and a predetermined length defined between the ends (7 8); partially filling the body (2) with substance (14); inserting the closed end (7) of the diaphragm (4) into the open end (6) of the body (2) such that regions of the body (2) and the diaphragm (4) overlap one another with the open ends of the capsule body (2) and the diaphragm (4) being flush thereby closing off the open end (6) of the body (2) and defining a chamber (104) within which the substance (14) is held; and heat welding the flush ends of the body (2) and the diaphragm (4) to one another to hermetically seal the chamber (104).

No. of Pages: 35 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TRAIN CONTROL SYSTEM

(51) International classification :B60L15/40,B61L27/00 (71)Name of Applicant : (31) Priority Document No :2011216711

(32) Priority Date :30/09/2011 (33) Name of priority country

:Japan (86) International Application No :PCT/JP2012/074518 Filing Date :25/09/2012

(87) International Publication No :WO 2013/047497

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)THE NIPPON SIGNAL CO. LTD.

(21) Application No.2453/DELNP/2014 A

Address of Applicant: 5 1 Marunouchi 1 chome Chiyoda ku

Tokyo 1006513 Japan (72)Name of Inventor:

1)YAMADA Takeshi

(57) Abstract:

This train control system comprises; an on board device (1) provided on each train that moves on a railroad track (R) the on board device including an on board wireless device (VRS1) capable of wireless communication; fixed wireless devices (WRS1 7 SRS1) that are arranged along the railroad track (R) and that are capable of wireless communication by a time division multiple access scheme in which the fixed wireless devices are temporally synchronized so as to be able to communicate with the on board wireless device (VRS1) only in timeslots assigned in advance; and a ground device (2) that calculates the distance from a train (A) to the stop point before the train ahead (B) on the basis of positional information of said train (A) obtained by wireless communication between the on board wireless device (VRS1) and the fixed wireless devices. On the basis of the distance to said stop point as transmitted from the ground device (2) the on board device (1) generates a stop pattern from the train (A) on which said on board device is provided up to said stop point and performs travel control such that said train (A) travels at a speed slower than or equal to that of the stop pattern.

No. of Pages: 19 No. of Claims: 3

(21) Application No.2454/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: TRAIN CONTROL SYSTEM

(51) International classification: B61L27/00,B60L15/40,B61L3/12 (71) Name of Applicant:

:WO 2013/047447

(31) Priority Document No :2011218250 (32) Priority Date :30/09/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/074417 No

:24/09/2012 Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)THE NIPPON SIGNAL CO. LTD.

Address of Applicant: 5 1 Marunouchi 1 chome Chiyoda ku

Tokyo 1006513 Japan (72)Name of Inventor: 1)KURITA Akira

(57) Abstract:

Provided is a train control system in which a subsequent train can travel without being stopped even in cases where the approach route of the subsequent train is different from that of a preceding train. This train control system comprises: an on board device (3) installed on each train (2) that travels on a predetermined track (1); an on board wireless device (4) for transmitting/receiving information of the on board device (3); a wayside wireless device (5) that is provided at a predetermined position on the ground and that transmits/receives information to/from the on board wireless device (4); a ground device (8) provided on the track (1) and connected to the wayside wireless device (5); a service management device (12) that transmits service information of each train (2) to the ground device (8); and an interlocking device (11) that performs operation control of a turnout (6) that changes routes of the track (1). On the basis of the wireless propagation time between the on board wireless device (4) and the wayside wireless device (5) the ground device (8) detects the position of each train (2) and controls the interval between a preceding train (2) and a subsequent train (2) by receiving approach route information of each train (2) from the service management device (12).

No. of Pages: 18 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2406/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: SUCTION MOUTH FOR A SUBSEA MINING TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:E02F3/88,E02F3/92 :1116981.0 :03/10/2011 :U.K. :PCT/EP2012/004126 :02/10/2012 :WO 2013/050136 :NA :NA	(71)Name of Applicant: 1)MARINE RESOURCES EXPLORATION INTERNATIONAL B.V. Address of Applicant :Klaaskampen 24 NL 1251 KP Laren Netherlands (72)Name of Inventor: 1)PATRICIU Dan Costache
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A suction mouth (10) for mounting on the front of a subsea mining tool and to be pushed into sediment. The suction mouth comprises a hollow body (12) having an entrance opening (14) and an exit opening (16) wherein the body converges from the entrance opening towards the exit opening. The entrance opening has a lower lip (20) and an upper lip (22) and the upper lip comprises an extension (22a) projecting forwardly and upwardly relative to the lower lip to form a canopy over the entrance opening. The suction mouth (10) may include a valve (30) on the body downstream of the entrance opening which is operable to selectively provide a further entrance opening into the body. Where such a valve is present the consistency of the material sucked in can be regulated.

No. of Pages: 25 No. of Claims: 17

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MANAGING MOBILE DEVICE IDENTITIES

Filing Date :18/09 (87) International Publication No :WO 2 (61) Patent of Addition to Application Number Filing Date :18/09 :WO 2	159.3 1)TRUPHONE LIMITED
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

A method of managing identities for use in a mobile telecommunications device in a telecommunications network is described. First of all an identity management process is triggered. After this one or more parameters associated with the mobile telecommunications device is detected. The identity management process than has the following features. An identity management rule determined by the one or more parameters is detected. An identity database is then searched. Each record of the identity database comprises an identity and additional identity information for each identity wherein the searching prioritises records according to the identity management rule. An identity is then selected when a record conforming to the identity management rule is found in said searching. The active identity of the mobile telecommunications device is then changed to be the selected identity when the active identity is not already the selected identity. A subscriber identity module adapted for use with this method is described.

No. of Pages: 31 No. of Claims: 20

(21) Application No.2408/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : A RISER SYSTEM FOR TRANSPORTING A SLURRY FROM A POSITION ADJACENT TO THE SEABED TO A POSITION ADJACENT TO THE SEA SURFACE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E21B17/01,E02F7/10,E21B17/18 :1116983.6 :03/10/2011 :U.K. :PCT/EP2012/004128 :02/10/2012 :WO 2013/050138 :NA :NA	(71)Name of Applicant: 1)MARINE RESOURCES EXPLORATION INTERNATIONAL B.V. Address of Applicant: Klaaskampen 24 NL 1251 KP Laren Netherlands (72)Name of Inventor: 1)PATRICIU Dan Costache
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A riser system for transporting slurry from the seabed to the sea surface. The riser system comprises a first and second riser a slurry pump system (17) to transport slurry up one of the risers and a waste water pump system (107) to return waste water down one of the risers. The slurry pump system and the waste water pump system are selectively connectable to each of the risers to allow each riser to be either a slurry riser (1) or a waste water riser (2). With this arrangement if a slurry riser develops a leak partway along its length the waste water riser can be converted into a slurry riser such that operation can continue.

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

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: COMMUNICATION APPARATUS CONTROL APPARATUS COMMUNICATION SYSTEM COMMUNICATION CONTROL METHOD AND COMPUTER PROGRAM

:H04L12/801,H04L12/911 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2011206459 (32) Priority Date :21/09/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/006012

:21/09/2012 Filing Date

(87) International Publication No :WO 2013/042375 (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number: NA

Filing Date

1)NEC CORPORATION

(21) Application No.2458/DELNP/2014 A

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72)Name of Inventor: 1)AKIYOSHI Ippei

2)MIZUKOSHI Yasuhiro

3)ITOH Nobuhiko

(57) Abstract:

(19) INDIA

Instead of causing a control apparatus to grasp and analyze a communication amount per processing rule of a communication apparatus the communication apparatus executes a detailed control operation based on the communication amount. A communication apparatus includes: a packet processing unit that processes an incoming packet based on a processing rule corresponding to the incoming packet among a plurality of processing rules set from a control apparatus; a statistical value measurement unit that measures a statistical value obtained from a processing amount corresponding to each of the plurality of processing rules; and a processing rule management unit that determines whether or not each of the processing rules is effective based on the statistical value.

No. of Pages: 40 No. of Claims: 16

(21) Application No.2389/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FILTER MODULE AND DEVICE FOR THE SEPARATION OF OVERSPRAY AND PLANT HAVING THE SAME

(51) International :B01D45/08,B01D46/12,B01D46/00

classification (31) Priority Document No :10 2011 117 667.9

(32) Priority Date :03/11/2011 (33) Name of priority country: Germany

(86) International

:PCT/EP2012/004316 Application No

:16/10/2012 Filing Date

(87) International Publication :WO 2013/064212

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)EISENMANN AG

Address of Applicant: T1/4binger Str. 81 71032 Bblingen

Germany

(72)Name of Inventor: 1)KATEFIDIS Apostolos

2)R-CKLE J1/4rgen

(57) Abstract:

Specified is a filter module for the separation of overspray from overspray laden cabin air of coating plants in particular of painting plants having a filter housing (46) which delimits a filter chamber (62) through which overspray laden cabin air can be conducted in a main flow direction (74). A plurality of separation elements (80; 92; 94) composed of a separation material which is permeable to the cabin air is arranged in the filter chamber (62) such that a flow labyrinth (87) is formed between the separation elements (80; 92; 94). Also specified are a separation device and a plant for coating articles having such a filter module.

No. of Pages: 28 No. of Claims: 10

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD TO AGGREGATE CONTROL OF MULTIPLE DEVICES

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:13/761,871	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:07/02/2013	Address of Applicant :101 COLUMBIA ROAD, P. O. BOX
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NJ 07962-2245, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JOHN A. DZIADOSZ
(61) Patent of Addition to Application Number	:NA	2)SHIYUAN QI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and apparatus wherein the method includes the steps of a downstream controller of a security system advertising a sewice type of the downstream controller on a sub-network, a gateway controller of the security system detecting the advertisement and authenticating the downstream controller as being part of a group that also includes the gateway controller, the gateway controller sending a connection request to the downstream controller, the gateway and downstream controllers establishing an L4 connection based upon the connection request and the gateway and downstream controller establishing a L5 session channel through the L4 connection.

No. of Pages: 14 No. of Claims: 15

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : METHOD OF EASILY IDENTIFYING LUBRICATING OILS IDENTIFICATION KIT AND LUBRICATING OILS THAT CAN BE EASILY IDENTIFIED

(51) International classification :G01N33/28,G01N31/22 (71)Name of Applicant : (31) Priority Document No :2011223116 :1)SHELL INTERNAT (32) Priority Date :07/10/2011 MAATSCHAPPIJ B.V. (33) Name of priority country :Japan Address of Applicant :

(86) International Application No :PCT/EP2012/069745 Filing Date :05/10/2012

:NA

(87) International Publication No :WO 2013/050544

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
:NA
:NA
:NA

MAATSCHAPPIJ B.V.
Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HR

1) SHELL INTERNATIONALE RESEARCH

The Hague Netherlands

2)SHELL OIL COMPANY

(72)Name of Inventor: 1)HANYUDA Kiyoshi 2)KUBO Kouichi 3)TAZAKI Hiroyuki

(57) Abstract:

Filing Date

Method for the identification of a lubricating oil composition characterised in that it comprises the following steps: a heating process to heat the lubricating oil composition which is the target of the investigation and which has the possibility of containing a volatile amine as a marker; after the heating process a first reaction process which disposes into a vapour phase on top of the liquid surface of the lubricating oil composition a medium which contains an amine colouring reagent to be used in at least one kind of amine based colouring reaction selected from a group comprised of quinhydrone reactions ninhydrin reactions and Dragendorff reactions; after the heating process a second reaction process which disposes into a vapour phase on top of the liquid surface of the lubricating oil composition a medium which contains a pH dependent colouring reagent to be used in a pH dependent colouring reaction; and an evaluation process in which the lubricating oil composition which is the target of the investigation is assessed as to whether or not it is a specific lubricating oil composition by at least comparing a standard colouring pattern in which a first colouring pattern attributable to the reaction or non reaction of an amine colouring reagent and a volatile amine and a second colouring pattern attributable to the reaction or non reaction of a pH dependent colouring reagent and a volatile amine are displayed with a colouring pattern which is the result of the first reaction process and the second reaction process.

No. of Pages: 33 No. of Claims: 8

(21) Application No.2461/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: THERMALLY SHRINKABLE TUBE HAVING TEARING PROPERTIES

Filing Date (62) Divisional to Application Number :NA Filing Date :NA	. ,	:2011254074 :21/11/2011 :Japan :PCT/JP2012/080520 :19/11/2012 :WO 2013/077452 :NA :NA	(71)Name of Applicant: 1)JUNKOSHA INC. Address of Applicant:961 20 Fukuda Kasama shi Ibaraki 3091603 Japan (72)Name of Inventor: 1)SUZUKI Masahiro 2)YURI Kohei 3)MIYOSHI Masaru
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(57) Abstract:

The purpose of the present invention is to provide a tube having good tearing properties and a high thermal shrinkage ratio at a low temperature. The tube according to the present invention is a thermally shrinkable tube having tearing properties which comprises a mixture of a fluororesin and a resin that is different from the fluororesin wherein the tube has such tearing properties that the amount of change in lost energy (Eloss) is a positive value when the temperature is changed from 175°C to 185°C.

No. of Pages: 26 No. of Claims: 8

(21) Application No.2425/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: EDIBLE WEB COMPRISING MICROORGANISMS

(51) International classification :A23L1/00,A23L1/30,A23P1/08 (71)Name of Applicant : (31) Priority Document No :11184134.2 1)NESTEC S.A.

(32) Priority Date :06/10/2011 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/069682
Filing Date :05/10/2012

(87) International Publication No: WO 2013/050511

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application
Number
:NA
:NA
:NA

1)NESTEC S.A.
Address of Applicant : Avenue Nestl 55 CH 1800 Vevey

Address of F

Switzerland (72)Name of Inventor:

1)KUSLYS Martinas

(57) Abstract:

Filing Date

The present invention relates to edible webs comprising microorganisms such as probiotics. In particular the present invention relates to an edible web having microorganisms such as bacteria probiotic bacteria bacteriophages or viruses printed thereon e.g. by the use of inkjet printing. In addition the invention relates to methods of producing such edible webs to various products comprising the edible webs as well as to use of the edible webs comprising microorganisms.

No. of Pages: 22 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PRESSURE PULSATION DAMPER FOR A VEHICLE BRAKE SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2011 089 183.8 :20/12/2011 :Germany :PCT/EP2012/070863 :22/10/2012 :WO 2013/091932 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)GAERTNER Oliver 2)GOSSE Daniel
Filing Date	:NA :NA	

(21) Application No.2465/DELNP/2014 A

(57) Abstract:

According to the invention a pressure pulsation damper (20) for a vehicle brake system is characterized in that it is formed as a structural unit that can be fitted separately on the vehicle brake system.

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

(21) Application No.2468/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POWDERED NUTRITIONAL FORMULATIONS INCLUDING SPRAY DRIED PLANT PROTEIN

(51) International classification :A23J3/14,A23J3/16,A23L1/305 (71)Name of Applicant:

(31) Priority Document No :61/537048 (32) Priority Date :20/09/2011

(33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/056337

Filing Date :20/09/2012 (87) International Publication No :WO 2013/043873

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

Number :NA Filing Date

(57) Abstract:

1)ABBOTT LABORATORIES
Address of Applicant:100 Abbott Park Road Abbott Park IL
60064 U.S.A.
(72)Name of Inventor:
1)NEAL Cynthia S.
2)SEEDS Jeffrey K.

Disclosed are powdered nutritional formulations comprising at least one plant protein such as pea protein wherein at least a portion of the plant protein has been spray dried and dry blended into the nutritional formulation. The liquids derived from reconstituting the powdered nutritional formulations exhibit little or no undesirable mouthfeel and have improved viscosity characteristics.

No. of Pages: 17 No. of Claims: 27

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.2480/DELNP/2013 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: MANAGING ADVERTISING CAMPAIGNS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/06/2011 :WO 2012/027019 :NA :NA	(71)Name of Applicant: 1)CISCO TECHNOLOGY INC. Address of Applicant: 170 West Tasman Drive San Jose CA 95134 U.S.A. (72)Name of Inventor: 1)JACOBS Philip
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one implementation a campaign manager sends content including advertising related to an advertising campaign to two or more media formats or media types. A consumer engagement score is derived from the user engagement scores associated with the media formats or media types. The consumer engagement score is compared with a target engagement score to determine whether and how to continue the advertising campaign with the particular consumer or set of consumers. Tracking of the advertising campaign extends across media types such as digital television mobile devices and personal computers and extends across formats such as live content recorded content interactive content text messaging and others.

No. of Pages: 43 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LONGITUDINALLY ADJUSTABLE VEHICLE SEAT

(51) International classification :B60N2/07,B60N2/12 (71)Name of Applicant : 1)KEIPER GMBH & CO. KG (31) Priority Document No :10 2011 115 948.0 Address of Applicant: Hertelsbrunnenring 2 67657 (32) Priority Date :12/10/2011 (33) Name of priority country Kaiserslautern Germany :Germany (72)Name of Inventor: (86) International Application No :PCT/EP2012/066439 Filing Date :23/08/2012 1)DICK Ingo (87) International Publication No :WO 2013/053526 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.2486/DELNP/2014 A

(57) Abstract:

The invention relates to a longitudinally adjustable vehicle seat having at least one pair of seat rails (10) having a first seat rail (12) fixed to the structure a second seat rail (13) guided in said first seat rail (12) and connected to the vehicle seat (1) balls (14) arranged in ball holders (15) which are arranged between the first seat rail (12) and the second seat rail (13) in order to reduce the friction wherein the first seat rail (12) forms a ball track along which the balls (14) roll and a first end stop and a second end stop which limit the mobility of the pair of seat rails (10). According to the invention at least one elevation (12) is provided which projects into the ball track wherein the elevation (12) can be overcome by at least one ball (14) and the ball holder (15).

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

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR DISTRIBUTED PROCESSING TASKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G06F9/50 :NA :NA :NA :PCT/SE2011/051409 :23/11/2011 :WO 2013/077787	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)OLSSON Hjalmar 2)MORITZ Simon
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatuses for realizing and enabling a requested (300) computational main task by means of a task manager (202) and a service node (X). The task manager (202) defines (2:2) a set of sub tasks that accomplish the main task and sends (2:3) a source code to the service node (X) comprising a device instruction for a device (A) connected to the service node to fetch and execute a sub task from the task manager. The service node (X) then sends (2:5) the source code to the device which accordingly fetches and executes the sub task according to the instruction. When the task manager (202) has received (2:8 2:8a) enough sub task results such that the main task has been completed it returns (2:10) an aggregated total result of the main task in response to the main task request.

No. of Pages: 31 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2382/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: LID FOR INSTRUMENT REPROCESSORS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:13/278837 :21/10/2011 :U.S.A.	(71)Name of Applicant: 1)ETHICON INC. Address of Applicant: P.O. Box 151 U.S. Route 22 Somerville New Jersey 08876 U.S.A. (72)Name of Inventor: 1)PERLMAN Timothy J. 2)YANG Sungwook 3)MICHALOSKI Robert P.
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(57) Abstract:

An instrument reprocessor is disclosed. The instrument reprocessor includes a basin having a rim located in an inclined plane forming an acute angle with respect to a horizontal plane. At least one nozzle is disposed in a plane substantially parallel to the inclined plane. The at least one nozzle is configured to discharge a stream into the basin in a direction substantially parallel to the inclined plane. A lid assembly is also disclosed. The lid assembly may cover the basin in a close configuration.

No. of Pages: 95 No. of Claims: 7

(21) Application No.2489/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BUSBAR CONNECTION

(51) International classification: H02G5/00,H02B13/00,H02G5/06 (71)Name of Applicant:

(31) Priority Document No :11180845.7 (32) Priority Date :12/09/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/067776

No :12/09/2012 Filing Date

(87) International Publication :WO 2013/037798

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) EATON INDUSTRIES (NETHERLANDS) B.V.

Address of Applicant: Europalaan 202 NL 7559 SC Hengelo

Netherlands

(72)Name of Inventor: 1)BINNENDIJK Marten

2)LAMMERS Arend

(57) Abstract:

The invention relates to a busbar connection comprising: first and second busbars each with a free end, wherein the free ends of the busbars are directed towards each other and are in elecfrical contact with each other; and shield means enveloping the free ends of the busbars for steering the electrical field, characterized in that the shield means comprise a body of electrical conducting material, said body having two oppositely arranged contact surfaces for direct electrical contact with the fixe ends of the busbars and said body having a flange surrounding the contact surfaces and providing an upright edge around the contact surfaces.

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

(21) Application No.2490/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : WIRELESS COMMUNICATION APPARATUS WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION SYSTEM

(51) International :H04W28/06,H04W16/32,H04W24/02 classification

(31) Priority Document No :2011223052

(32) Priority Date :07/10/2011

(33) Name of priority :Japan

country :Japar

(86) International Application No :PCT/JP2012/071471

Filing Date :24/08/2012

(87) International Publication No :WO 2013/051350

(61) Patent of Addition to

Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date

:NA
:NA
: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)TAKANO Hiroaki

(57) Abstract:

The objective of the invention is to suitably operate under a heterogeneous environment a virtual carrier to be used in an MTC. A pico eNodeB places a virtual carrier in such a manner that avoids the positions of the central 72 subcarriers of a donor band or the pico eNodeB stops the operation of the virtual carrier in a particular subframe or stops a control area (PDCCH_MTC) of the virtual carrier in such a manner that avoids a particular subframe thereby avoiding interferences from control signals (BCH) and/or synchronization signals (PSS SSS) inserted in the data areas (PDSCH) of subframes transmitted from a macro eNodeB.

No. of Pages: 79 No. of Claims: 22

(21) Application No.2491/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: ALUMINUM TITANIUM NITRIDE COATING WITH ADAPTED MORPHOLOGY FOR ENHANCED WEAR RESISTANCE IN MACHINING OPERATIONS AND METHOD THEREOF

(51) International :C23C30/00,C23C14/00,C23C28/04

classification

(31) Priority Document No :11007997.7 (32) Priority Date :30/09/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/003896

No :19/09/2012 Filing Date

(87) International Publication: WO 2013/045039

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)OERLIKON TRADING AG TRBBACH

Address of Applicant: Hauptstrasse 53 CH 9477 Tr¹/₄bbach

Switzerland

(72)Name of Inventor: 1)KURAPOV Denis

2)KRASSNITZER Siegfried

(57) Abstract:

The present invention relates to an (AI Ti)N coating exhibiting at least two different coating portions A and B having grain size in nanometer magnitude order characterized in that the coating portion A exhibit larger grain size and higher elastic modulus than the coating portion B. The present invention relates as well to a method for coating a substrate with a coating as described above whereby at least the coating portion A and/or the coating portion B of the (AI Ti)N coating are/is deposited by means of PVD techniques.

No. of Pages: 20 No. of Claims: 23

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONVEYING SYSTEM SEALED OFF FROM THE SURROUNDING ATMOSPHERE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:202011051470.6 :28/09/2011 :Germany	(71)Name of Applicant: 1)AUMUND F-RDERTECHNIK GmbH Address of Applicant:17 Saalhoffer Str. 47495 Rheinberg Germany (72)Name of Inventor: 1)KIRBACH Guido 2)MORITZ Matthias 3)NIEDZWIEDZ Christian 4)REDDEMANN Frank
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(57) Abstract:

The invention relates to a conveying system in particular an elevator conveyor or cell conveyor comprising a bottom (16) a front wall (30) and a rear wall (31) in the conveying direction of the conveying system and conveying cells (14) which have side walls (15) that connect the front wall and the rear wall and which accommodate in particular hot bulk goods or lumpy conveyed material the conveying cells (14) which are open at the top being shielded from the surrounding atmosphere by means of a stationary gas tight top cover (17) that spans the open surface of the conveying cells and by means of stationary and gas tight side covers (18) arranged on both sides of the conveying cells (14) and a protective gas being introducible into the interior enclosed by the top cover (17) and the side covers (18). The invention is characterized in that both sealing elements (22; 34 35) that shield the intermediate spaces (32) between the conveying cells (14) in the conveying direction against the surrounding atmosphere and sealing elements (22; 28) that protrude laterally beyond the side walls (15) of the conveying cells (14) and that each form a sealing gap (23) with the bottom edge of the stationary side covers (18) are arranged in the lower area of the conveying cells (14) opposite the top cover (17).

No. of Pages: 19 No. of Claims: 12

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: POLICY COMPLIANCE BASED SECURE DATA ACCESS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F7/04 :13/246445 :27/09/2011 :U.S.A.	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno Nevada 89507 U.S.A.
(86) International Application No Filing Date	:PCT/US2012/057383 :26/09/2012	(72)Name of Inventor : 1)BAER Graeme D.
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/049246	2)ROTH Gregory B.
Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Access to computing resources is granted according to client compliance with a series of security policies before enabling access to the computing resources. An application is provided on a client that generates verification codes using an authentication seed. Before granting the client the authentication seed necessary to generate a verification code a server may perform a policy check on the client. Some embodiments ensure that the client complies with security policies imposed by an authenticating party by retrieving a number of parameter values from the client and determining whether those parameter values comply with the security policies. Upon determining compliance the authentication seed is issued to the client. In some embodiments the authentication seed is provided such that a policy check is performed upon the generation of a verification code. The client is given access to secure information when the client is determined to comply with the security policies.

No. of Pages: 45 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :31/03/2014

(21) Application No.2496/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ABLATION ANTENNA

(51) International classification :A61B18/18,A61B17/32 (71)Name of Applicant : (31) Priority Document No 1)BSD MEDICAL CORPORATION :61/536680 (32) Priority Date :20/09/2011 Address of Applicant :2188 West 2200 South Salt Lake City (33) Name of priority country :U.S.A. Utah 84119 U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/056418 Filing Date :20/09/2012 1)BURGENER Robert H. (87) International Publication No :WO 2013/043924 2)TURNLUND Todd H. (61) Patent of Addition to Application 3)CRUMP Chet M. :NA 4)MOORE Kent :NA Filing Date

(57) Abstract:

Filing Date

A radio frequency ablation antenna is disclosed. The micro strip ablation antenna has a dielectric member having a substantially tubular shape. A first conductor is disposed within the dielectric member and a second conductor is disposed on an outer surface of the dielectric member. The first conductor is configured to be electrically connected to a radio frequency source or ground and the second conductor is configured to be electrically connected to the other of the radio frequency source or the ground.

No. of Pages: 48 No. of Claims: 30

(62) Divisional to Application Number

:NA

:NA

(21) Application No.2497/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HORIZONTAL AXIS WIND TURBINE AND SECONDARY WIND ROTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:RM2011A000516 :30/09/2011 :Italy	(71)Name of Applicant: 1)ENEL GREEN POWER S.P.A. Address of Applicant: Viale Regina Margherita 125 I 00198 Roma Italy (72)Name of Inventor: 1)LUIGI La Pegna 2)RENZO Piano
(62) Divisional to Application Number Filing Date	:NA :NA	
		·

(57) Abstract:

A wind turbine (1) is disclosed for converting wind energy into electric energy comprising: a shuttle (2) comprising a head portion (11) and a tail portion (12); a primary wind rotor (3) pivotable with respect to the shuttle (2) around a primary rotational axis (Al) and comprising a primary group of blades (4) a fastening hub (5) for said blades (4) projecting from the head portion (11) of the shuttle (2) and a shaft adapted for being rotatably moved by the primary wind rotor (3); at least one primary electric generator comprising at least one primary electric stator integral with the shuttle (2) and a primary electric rotor integral with said shaft or operatively connected to it the primary electric generator adapted to convert wind energy intercepted by said primary group of blades (4) into electric energy. The wind turbine (1) also comprises a secondary wind rotor (15) pivotably hinged to the tail portion (12) and comprising a secondary group of blades (25) pivotable around a secondary rotation axis (A2) perpendicular to the primary rotational axis (A1).

No. of Pages: 21 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :31/03/2014

(21) Application No.2498/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: A MULTI DOSE SYRINGE WITH A CONFIGURABLE SCALE

(51) International classification	:A61M5/31	(71)Name of Applicant :
(31) Priority Document No	:1118290.4	1)OWEN MUMFORD LIMITED
(32) Priority Date	:24/10/2011	Address of Applicant :Brook Hill Woodstock Oxford
(33) Name of priority country	:U.K.	Oxfordshire OX20 1TU U.K.
(86) International Application No	:PCT/GB2012/052613	(72)Name of Inventor:
Filing Date	:22/10/2012	1)MUMFORD Adam John
(87) International Publication No	:WO 2013/061039	2)EVANS Timothy Simon
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A multi dose injection syringe comprising a syringe body for containing a medicine and a plunger moveable within the syringe body from an injection start position to eject medicine therefrom the syringe further comprising a scale provided on one of the syringe body and the plunger the scale providing a time ordered sequence of indicia and being configurable to align any one of the indicia with said injection start position at least part of the syringe body being transparent such that the plunger s degree of progression through the syringe body with respect to the time ordered sequence of indicia is externally visible.

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :27/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE AND METHOD FOR COMPACTING POWDER MATERIAL

(51) International classification: B30B5/06,B30B15/00,B28B3/12 (71)Name of Applicant:

(31) Priority Document No :RE2011A000079 (32) Priority Date :07/10/2011 (33) Name of priority country :Italy

(86) International Application :PCT/IB2012/001977

No :02/10/2012 Filing Date

(87) International Publication :WO 2013/050865

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)SACMI COOPERATIVA MECCANICI IMOLA

SOCIETA COOPERATIVA

Address of Applicant :17/A Via Selice Provinciale I 40026

Imola (Bologna) Italy (72)Name of Inventor: 1)SALIERI Marco 2)BABINI Alan

3)VALLI Silvano

(57) Abstract:

A device (100) for compacting a layer (M) of powder material comprising a slidable transport surface (106) adapted to support and advance the layer (M) of powder material along a predefined direction of advancement (A) a slidable compacting surface (127) flexible and superimposed to the transport surface (106) and substantially slidable in the same direction of advancement (A) pressing means (130 135) adapted to press said compacting surface (127) towards the transport surface (106) so as to press the layer (M) of powder material interposed therebetween and means (170 180 185) for contrasting the expansion of the layer (M) of powder material downstream of the pressing means (130 135) which are configured for pressing the compacting surface (127) towards the transport surface (106) with a differentiated pressure in the transverse direction with respect to the direction of advancement (A) said means (170 180 185) for contrasting the expansion being independent from the compacting surface.

No. of Pages: 24 No. of Claims: 13

(21) Application No.2501/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH TERRAVLENT METAL OXIDE

(51) International :A61K6/02,C03C3/095,C03C3/097 classification

(31) Priority Document No :11185336.2 (32) Priority Date :14/10/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/070221

No

:11/10/2012 Filing Date

(87) International Publication

:WO 2013/053865 (61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)IVOCLAR VIVADENT AG

Address of Applicant :Bendererstrae 2 FL 9494 Schaan

Liechtenstein

(72)Name of Inventor:

1)RITZBERGER Christian

2)APEL Elke

3)H-LAND Wolfram

4)RHEINBERGER Volker

(57) Abstract:

The invention relates to lithium silicate glass ceramics and lithium silicate glasses which have a content in special oxides of trivalent elements which crystallize at low temperatures and which are particularly suitable as dental materials.

No. of Pages: 25 No. of Claims: 21

(21) Application No.2503/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH TERRAVLENT METAL OXIDE

(51) International classification :A61K6/02,C03C3/097,C03C4/00 (71)Name of Applicant :

(31) Priority Document No :11185334.7 (32) Priority Date :14/10/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/070219

No Filing Date

(87) International Publication :WO 2013/053863

(61) Patent of Addition to :NA **Application Number** Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

:NA

:11/10/2012

(57) Abstract:

1)IVOCLAR VIVADENT AG Address of Applicant :Bendererstrae 2 FL 9494 Schaan Liechtenstein (72)Name of Inventor: 1)RITZBERGER Christian 2)APEL Elke

3)H-LAND Wolfram 4)RHEINBERGER Volker

The invention relates to lithium silicate glass ceramics and lithium silicate glasses which have a content in special oxides of monovalent elements which crystallize at low temperatures and which are particularly suitable as dental materials.

No. of Pages: 26 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM FOR NON INVASIVE ASSAY OF LIVER FUNTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:29/08/2012 :WO 2013/033212	(71)Name of Applicant: 1)CARDIOX CORPORATION Address of Applicant: 4100 Horizons Drive Suite 100 Columbus OH 43220 U.S.A. (72)Name of Inventor: 1)EGGERS Philip E. 2)EGGERS Eric A. 3)EGGERS Andrew R.
* /	:WO 2013/033212 :NA :NA :NA :NA	1 '

(21) Application No.2504/DELNP/2014 A

(57) Abstract:

A system method and apparatus are disclosed for using a transcutaneous detection system to measure the quantity of a circulating organ activity detection analyte in the blood and thereby assay the activity of an organ. A preferred organ for assay is the human liver and a preferred indicator is indocyanine green (ICG) dye The procedure is under the control of a monitor/controller having a visual display and capable of providing cues to the operator. A sensor array apparatus for use in conjunction with the system monitor/controller is configured for increased sensitivity of assaying organ function.

No. of Pages: 58 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DEVICE AND METHOD FOR POST TREATING A METAL STRIP

:11185215.8 :14/10/2011 :EPO :PCT/EP2012/070132	,
	Address of Applicant :Turmstrae 44 A 4031 Linz Austria
:EPO	(72)Name of Inventor:
:PCT/EP2012/070132	1)HOEDL Stefan
:11/10/2012	2)SPEIDL Josef
:WO 2013/053804	3)KOFLER Klaus
:NA :NA	4)STADLBAUER Alois
:NA :NA	
	:11185215.8 :14/10/2011 :EPO :PCT/EP2012/070132 :11/10/2012 :WO 2013/053804 :NA :NA

(21) Application No.2505/DELNP/2014 A

(57) Abstract:

A device and method for post treating a metal strip wherein the pickled metal strip (2) coming from a pickling zone is moved in continuous operation through a rinsing zone (4) in which residues of a pickling agent adhering to the surface (11) of the metal strip (2) are removed by spraying the metal strip with rinsing fluid wherein at least one device (8) for generating a liquid mist (9) is provided in the rinsing zone (4) by means of which device (8) the surface (14) of the metal strip (2) can be moistened in the event of an interruption of the continuous operation or of a sharply reduced speed of the strip.

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONNECTOR WITH CAPACITIVELY COUPLED CONNECTOR INTERFACE

(51) International classification	:H01R24/38,H01R9/05	(71)Name of Applicant :
(31) Priority Document No	:13/294586	1)ANDREW LLC
(32) Priority Date	:11/11/2011	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 U.S.A.
(86) International Application No	:PCT/US2012/064572	(72)Name of Inventor:
Filing Date	:10/11/2012	1)VAN SWEARINGEN Kendrick
(87) International Publication No	:WO 2013/071204	2)PAYNTER Jeffrey
(61) Patent of Addition to Application	:NA	3)FLEMING James
Number	:NA	4)VACCARO Ronald
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A connector with a capacitively coupled connector interface for interconnection with a female portion is provided with an annular groove with a sidewall open to an interface end of the female portion. A male portion is provided with a male outer conductor coupling surface at an interface end covered by an outer conductor dielectric spacer. The male outer conductor coupling surface is dimensioned to seat spaced apart from the sidewall by the outer conductor dielectric spacer within the annular groove when the male portion and the female portion are in an interlocked position secured by a releasable retainer dimensioned to secure the male portion and the female portion in the interlocked position.

No. of Pages: 49 No. of Claims: 20

(21) Application No.2507/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BIOCIDAL COMPOSITIONS AND METHODS OF USE

(51) International :A01N57/20,A01N43/00,A01P1/00

classification

(31) Priority Document No :61/546585 (32) Priority Date :13/10/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/059317

No :09/10/2012 Filing Date

(87) International Publication :WO 2013/055665

No

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant: Dow Global Technologies LLC 2040

Dow Center Midland MIichigan 48674 U.S.A.

(72)Name of Inventor:

1)YIN Bei

2) ENZIEN Michael V. 3)LOVE Donald J.

4)SIANAWATI Emerentiana

(57) Abstract:

Provided are biocidal compositions comprising: a hydroxymethyl substituted phosphorus compound and an isothiazolinone compound selected from 1 2 benzisothiazolin 3 one 2 methyl 1 2 benzisothiazolin 3 one and mixtures thereof. The compositions are useful for controlling microorganisms in aqueous or water containing systems.

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

(21) Application No.2508/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INTEGRATION OF FT SYSTEM AND SYN GAS GENERATION

(51) International classification	:C01B3/24,C10G1/00,B01D15/30	
(31) Priority Document No	:61/530147	1)GTLPETROL LLC
(32) Priority Date	:01/09/2011	Address of Applicant :601 Lexington Avenue Suite 5100 New
(33) Name of priority country	:U.S.A.	York New York 10022 U.S.A.
(86) International Application	:PCT/US2012/053685	(72)Name of Inventor:
No	:04/09/2012	1)ALLAM Rodney J.
Filing Date	:04/09/2012	
(87) International Publication	:WO 2013/033711	
No	0 2013/033/11	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1471	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1471	

(57) Abstract:

IN SOME IMPLEMENTATIONS A METHOD FOR SEPARATING COMPONENTS INCLUDES RECEIVING OFF GAS FROM A FISCHER TROPSCH HYDROCARBON SYNTHESIS REACTION PROCESS. THE OFF GAS IS SCRUBBED WITH A LIGHT OIL AT LEAST PROXIMATE ATMOSPHERIC TEMPERATURE TO SUBSTANTIALLY REMOVE A MIXTURE OF C AND C. THE C AND C ARE SEPARATED FROM THE MIXTURE INTO TWO SEPARATE STREAMS USING DISTILLATION COLUMNS IN A FISCHER TROPSCH SYSTEM.

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

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DISPOSABLE ONE PIECE ELECTRONIC CIGARETTE

(51) International classification :A24F47/00,A61M15/06 (71)Name of Applicant : 1)SHENZHEN FIRST UNION TECHNOLOGY CO. LTD (31) Priority Document No :201120329988.8 Address of Applicant: 1 3F Building C Gaoxin Industry Zone (32) Priority Date :05/09/2011 (33) Name of priority country :China Tangwei Village Fuyong Town Baoan District Shenzhen Guangdong 518000 China (86) International Application No :PCT/CN2012/079776 (72)Name of Inventor: Filing Date :07/08/2012 (87) International Publication No :WO 2013/034039 1)LI Yonghai (61) Patent of Addition to Application 2)XU Zhongli :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A disposable one piece electronic cigarette including a housing (1) a battery assembly (2) and an atomization device (3). The housing (1) is of a hollow structure and open at two ends. The battery assembly (2) and the atomization device (3) are connected and provided inside the housing (1). The atomization device (3) includes an oil absorption element (31) a glass fibre tube (32) an electronic heating element (33) and an oil stopper (34). The electronic heating element (33) further includes a heating fuse (331) and an oil conducting core (332). The battery assembly (2) includes an electronic core (21) a controller (22) and an LED light (23). A lampshade (5) is provided on a first end of the housing and a second end thereof is provided with a nozzle cover (4). The beneficial effects thereof are that the battery assembly and atomization device are provided inside the housing to form one piece avoiding assembling before smoking. A through hole fixes the electronic heating element and enables same to heat the tobacco tar inside the atomization device. A hollow embossment facilitates the flow of the air making the smoking more smooth. The controller controls the communication of the circuit of the battery assembly the operation of the electronic heating element and the LED light's emission of light like smoking flames.

No. of Pages: 42 No. of Claims: 15

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: NEEDLE PROTECTION DEVICE AND SAFETY NEEDLE ASSEMBLY

(51) International classification :A61M5/32,A61M5/00,A61B5/15 (71)Name of Applicant :

(31) Priority Document No :201110270127.1 (32) Priority Date :01/09/2011 (33) Name of priority country :China

(86) International Application :PCT/CN2012/080666

No :28/08/2012 Filing Date

(87) International Publication :WO 2013/029529

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SHANGHAI SOL MILLENNIUM MEDICAL

PRODUCTS CO. LTD.

Address of Applicant :Suite 2002 Zheng Da Cube Edifice 58 Changliu Road Pudong New Area Shanghai 200135 China

(72)Name of Inventor:

1)LIN Zuoqian

(57) Abstract:

A needle protection device and a safety needle assembly comprising the needle protection device. The needle protection device comprises a connecting portion (2) and a protection arm (6) rotatable relative to the connecting portion (2). A pair of holding members (51 52) are respectively formed on a proximal end portion (62) of the protection arm (6) and the connecting portion (2) and configured to engage with each other in an unretreatable manner. A pair of positioning arms (71 72) are respectively formed on the proximal end portion (62) of the protection arm (6) and the connecting portion (2) and formed with at least one pair of complementary snap fitting features (711 723; 712 723; 713 724). The paired snap fitting features (711 723; 712 723; 713 724) are configured to engage each other in a separable manner. The needle protection device and the safety needle assembly can not only reliably prevent medical instruments such as syringes from incurring accidental needle sticks after use and ensure such medical instruments disposable but also exhibit a simple structure and low costs. Additionally during transport and use of the safety needle assembly the needle protection device can be stably positioned at various desired positions.

No. of Pages: 52 No. of Claims: 31

(21) Application No.2400/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SILICONE COATED IMPLANTS

:NA

(51) International classification	:A61K9/00,A61K31/485,A61K47/34	(71)Name of Applicant: 1)AXXIA PHARMACEUTICALS LLC
(31) Priority Document No	:61/533131	Address of Applicant :2614 West Medical Hall Road Bel Air
(32) Priority Date	:09/09/2011	MD 21015 1717 Û.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)HOLL Richard J.
(86) International Application No Filing Date	:PCT/US2012/054176 :07/09/2012	2)HARTMAN Katherine 3)GROSSMAN Stuart A. 4)POLLOCK Wayne C.
(87) International Publication No	:WO 2013/036775	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

Implants for delivery of therapeutic agents such as opioids and the manufacture and uses of such implants are provided. In particular subcutaneous drug delivery systems having a biocompatible thermoplastic elastomeric polymer matrix a therapeutic agent embedded homogeneously in said matrix and a biocompatible drug impermeable cross linked silicone polymer coating said matrix and methods of making the same are provided.

No. of Pages: 44 No. of Claims: 50

(21) Application No.2514/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DEVICE FOR STABILIZING THE DILUTE COMBUSTION IN A COOLED WALLS COMBUSTION CHAMBER

(51) International classification	:F23C9/08,F23C99/00	(71)Name of Applicant :
(31) Priority Document No	:1157737	1)GDF SUEZ
(32) Priority Date	:01/09/2011	Address of Applicant :1 Place Samuel de Champlain F 92400
(33) Name of priority country	:France	Courbevoie France
(86) International Application No	:PCT/EP2012/065816	(72)Name of Inventor:
Filing Date	:13/08/2012	1)QUINQUENEAU Alain
(87) International Publication No	:WO 2013/029977	2)VILLERMAUX Clotilde
(61) Patent of Addition to Application	:NA	3)OURLIAC Mathieu
Number	:NA	4)AYOUB Mechline
Filing Date	.11/11	5)HONORE David
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The device for stabilizing dilute combustion which is intended to be used in a combustion chamber (245) said to be of the cooled walls type equipped with a burner comprising at least one oxidant inlet (205) and at least one fuel inlet (210) the oxidant and fuel inlets opening separately into the chamber at a distance suited to the setting up of combustion (240) which is highly diluted by internal recirculations (220) of the products of combustion towards the burner region which device comprises a heating element (215) designed to reheat during steady operating conditions the products of combustion in order to sustain self ignition conditions said heating element being positioned in the dilutions region and surrounding the set of oxidant and fuel jets (295).

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

(21) Application No.2515/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH TERRAVLENT METAL OXIDE

(51) International classification :A61K6/02,C03C3/097,C03C4/00 (71)Name of Applicant : (31) Priority Document No :11185339.6

(32) Priority Date :14/10/2011 :EPO

(33) Name of priority country

(86) International Application :PCT/EP2012/070223 No

:11/10/2012 Filing Date

(87) International Publication :WO 2013/053867

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)IVOCLAR VIVADENT AG

Address of Applicant :Bendererstrae 2 FL 9494 Schaan

Liechtenstein

(72)Name of Inventor:

1)RITZBERGER Christian

2)APEL Elke

3)H-LAND Wolfram

4)RHEINBERGER Volker

(57) Abstract:

The invention relates to lithium silicate glass ceramics and lithium silicate glasses which have a content in special oxides of pentavalent elements which crystallize at low temperatures and which are particularly suitable as dental materials.

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

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND PRETILACHLOR

(51) International classification(31) Priority Document No(32) Priority Date	:A01P13/00 :61/534419 :14/09/2011	(71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2012/055085	(72)Name of Inventor:
Filing Date	:13/09/2012	1)HUANG Yi hsiou
(87) International Publication No	:WO 2013/040163	2)MANN Richard K.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(21) Application No.2516/DELNP/2014 A

(57) Abstract:

Provided herein are synergistic herbicidal mixtures comprising a herbicidally effective amount of (a) penoxsulam and (b) pretilachlor. The compositions may also contain an agriculturally acceptable adjuvant or carrier. Provided herein are also methods of controlling the growth of undesirable vegetation in multiple crops including rice cereal and grain crops turf IVM sugar cane and tree and vine orchards and the use of this synergistic composition.

No. of Pages: 15 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PHARMACEUTICAL METHODS AND TOPICAL COMPOSITIONS CONTAINING ACITRETIN

(21) Application No.2517/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/07 :61/543484 :05/10/2011 :U.S.A. :PCT/IB2012/002454 :01/10/2012 :WO 2013/050874 :NA :NA :NA	(71)Name of Applicant: 1)DOUGLAS PHARMACEUTICALS LTD. Address of Applicant: P.O. Box 45 027 Auckland 1008 New Zealand (72)Name of Inventor: 1)SURMAN Peter 2)BINNIE Fergus Cameron 3)VOS Marten Geert
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(57) Abstract:

The present invention is directed to methods and compositions for topical administration of acitretin. More specifically the present invention is related to methods and compositions for the treatment or prevention or reduction of symptoms or signs of dermatological conditions using acitretin in a topical administration. More specifically the present invention is related to methods and compositions containing acitretin which are effective for the treatment or prevention or reduction of symptoms or signs of keratoses in particular actinic keratosis.

No. of Pages: 51 No. of Claims: 66

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: GROUND ENGAGING IMPLEMENT TOOTH ASSEMBLY WITH TIP AND ADAPTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E02F9/28 :61/545276 :10/10/2011 :U.S.A. :PCT/US2012/059009 :05/10/2012 :WO 2013/055597 :NA :NA	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant:100 N.E. Adams Street Peoria IL 61629 9510 U.S.A. (72)Name of Inventor: 1)RENSKI William J. 2)LAHOOD James Robert 3)CONGDON Thomas Marshall
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A ground engaging tooth assembly (10) for a cutting edge of a ground engaging implement (1) may include an adapter (12) and a ground engaging tip (14 160 190). The adapter (12) may have a forward extending adapter nose (26) having an inverted or reverse keystone shaped contour with the ground engaging tip (14 160 190) having a nose cavity (120) for receiving the adapter nose (26) and exterior surfaces (72 74 90 92 162 164 170 172 192 194 200 202) having complementary shapes to the adapter nose (26). The adapter nose (26) and an adapter cavity (120) of the tip (14 160 190) may also be configured with complimentary surfaces that increase retention between the adapter nose (26) and the tip (14) when downward forces are applied to the tip (14 160 190). In other embodiments the surfaces of the tip (14 160 190) may include reliefs (102 104 174 176 204 206) extending inwardly into the body of the tip (14 160 190) to reduce weight and facilitate penetration of the tip (14 160 190) into work material as wear material wears away from a front edge (76 166 196) of the tip (14 160 190).

No. of Pages: 48 No. of Claims: 10

(21) Application No.2254/DELNP/2014 A

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: A PAIN RELIEF COMPOSITION COMPRISING A TRPV1 SELECTIVE AGONIST AND MANUFACTURE AND USES THEREOF

(51) International :A61K31/045,A61K31/05,A61K31/125

classification

(19) INDIA

(31) Priority Document :61/533120

(32) Priority Date :09/09/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2012/054511 Application No :10/09/2012

Filing Date

(87) International

:WO 2013/036961 **Publication No**

(61) Patent of Addition to **Application Number**

:NA :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)API GENESIS LLC

Address of Applicant: 12500 Fair Lakes Circle Suite 400

Fairfax VA 22033 U.S.A. (72)Name of Inventor:

1)BUCKS Daniel 2)BIRBARA Philip J.

(57) Abstract:

The present invention relates to TRPV1 selective agonist topical compositions including capsaicinoid and analgesic agent compositions and methods of manufacture and methods of providing pain relief as well as treating a variety of disorders with such compositions.

No. of Pages: 127 No. of Claims: 50

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR WATER DESALINIZATION

(51) International classification	:C02F1/04	(71)Name of Applicant:
(31) Priority Document No	:13/217720	1)MICRONIC TECHNOLOGIES INC.
(32) Priority Date	:25/08/2011	Address of Applicant :201 Davis Drive Unit E Sterling
(33) Name of priority country	:U.S.A.	Virginia 20164 U.S.A.
(86) International Application No	:PCT/US2012/050902	(72)Name of Inventor:
Filing Date	:15/08/2012	1)ROCK Kelly P.
(87) International Publication No	:WO 2013/028426	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus includes a set of atomizers a housing and a separator. Each atomizer includes an inlet portion that receives an inlet flow of a solution and an outlet portion that produces an atomized flow of the solution. The housing defines a flow path. Each atomizer is disposed at least partially within the housing such that the outlet portion of each atomizer is in fluid communication with the flow path. The housing is configured such that a gas flowing within the flow path can be sequentially mixed with the atomized flow of the solution produced by the outlet portion of each atomizer to produce a mixture of the gas and the solution. The separator produces a first outlet flow including a portion of the gas and a vaporized portion of a solvent and a second outlet flow including a liquid portion of the solvent and a solute.

No. of Pages: 108 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :31/03/2014

(21) Application No.2524/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ELECTROLYTIC PRODUCTION OF POWDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C25C5/04 :1117067.7 :04/10/2011 :U.K. :PCT/GB2012/052464 :04/10/2012 :WO 2013/050772 :NA	(71)Name of Applicant: 1)METALYSIS LIMITED Address of Applicant: Unit 2 Farfield Park Manvers Way Wath upon Dearne Rotherham S63 5DB U.K. (72)Name of Inventor: 1)RAO Kartik 2)DEANE James 3)GRAINGER Lucy
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)GRAINGER Lucy 4)CLIFFORD John 5)CONTI Melchiorre
(62) Divisional to Application Number Filing Date	:NA :NA	6)COLLINS James

(57) Abstract:

A method of producing metallic powder comprises steps of arranging a volume of feedstock comprising a plurality of non metallic particles within an electrolysis cell causing a molten salt to flow through the volume of feedstock and applying a potential between a cathode and an anode such that the feedstock is reduced to metal. In preferred embodiments the feedstock is a plurality of discrete powder particles and these particles are reduced to a corresponding plurality of discrete metallic particles. In advantageous embodiments the feedstock may be sand.

No. of Pages: 27 No. of Claims: 31

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DEVICE AND METHOD FOR DELIVERY OF A MEDICAMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K :60/909,302 :30/03/2007 :U.S.A. :PCT/US2008/058122 :25/03/2008	(71)Name of Applicant: 1)Philip Morris Products S.A. Address of Applicant: Quai Jeanrenaud 3, CH-2000 Neuchatel (CH) Switzerland (72)Name of Inventor: 1)ROSE, Jed, E.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	: NA :NA :NA :6272/DELNP/2009 :30/09/2009	2)ROSE, Seth, D. 3)TURNER, James, Edward 4)MURUGESAN, Thangaraju

(57) Abstract:

The disclosure relates to a method of enhancing nicotine or other medicament concentrations in a gaseous carrier. The methods are adaptable to the delivery of nicotine or other medicaments for therapeutic effect in various diseases, in particular nicotine for tobacco product use cessation, substitution and/or harm reduction. The disclosure further relates various devices and device design principles for practicing these methods.

No. of Pages: 61 No. of Claims: 14

(12) THIER THI EIGHTION TOBERS

(21) Application No.2526/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : PRE PROGRAMMED NON FEEDBACK CONTROLLED CONTINUOUS FEEDING OF CELL CULTURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12M3/00 :61/535809 :16/09/2011 :U.S.A. :PCT/US2012/055552 :14/09/2012 :WO 2013/040444 :NA :NA	(71)Name of Applicant: 1)AMGEN INC. Address of Applicant: One Amgen Center Drive Thousand Oaks CA 91320 1799 U.S.A. (72)Name of Inventor: 1)LIN Henry 2)BEZAIRE Jeremy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pre programmed non feedback continuous feeding method based on mass balance of the substrate in the bioreactor for use in cell culture growth and maintenance is provided. The disclosed method does not rely on instrument probe or operator feedback. The method provides an efficient and effective alternative to bolus feeding.

No. of Pages: 54 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :31/03/2014

(21) Application No.2527/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: REMOTE PROCESS EXECUTION MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F9/50 :13/239187 :21/09/2011 :U.S.A. :PCT/US2012/056107 :19/09/2012 :WO 2013/043716 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor: 1)JENKINS Jonathan A. 2)TAYLOR Brett R.
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A remote execution management process is directed to the execution and management of aspects of a software process instance at a network computing provider. A client computing device may instantiate a software process instance. The client computing device determines a remote process configuration for the software process instance including identifying at least one sub process of the software process instance for execution at the network computing provider. The client computing device may provide the remote session configuration information to the network computing provider. Based on the remote session configuration information the network computing provider may instantiate a remote session corresponding to the at least one sub process. The network computing provider may transmit processing results back to the client computing device associated with execution of the least one sub process by the remote session.

No. of Pages: 62 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :28/03/2014

(21) Application No.2439/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ATTACHMENT DEVICE TO ATTACH TISSUE GRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:28/09/2012 :WO 2013/049445 :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant:1450 Brooks Road Memphis Tennessee 38116 U.S.A. (72)Name of Inventor: 1)GRAF Benjamin K.
Filing Date	:NA	

(57) Abstract:

A tissue graft attachment device includes a platform member including a first edge and a second edge connected to the first edge by a top side and a substantially curved bottom side. The platform member defines a slot (326) extending between the first edge and the second edge a first opening (322) between the slot and the first edge and a second opening (324) between the slot and the second edge. The tissue graft attachment device includes a first filament passing through the first opening a second filament passing through the second opening and a graft connecting element passing through the slot to form a loop.

No. of Pages: 33 No. of Claims: 28

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD FOR INCREASING ETEC CS6 ANTIGEN PRESENTATION ON CELL SURFACE AND PRODUCTS OBTAINABLE THEREOF

(21) Application No.2530/DELNP/2014 A

(57) Abstract:

A method for increasing the presentation of ETEC CS6 antigen on cell surface comprising the step of contacting cells expressing said antigen with an aqueous solution comprising 0.6 2.2 percent phenol by weight such that the presentation of said antigen is increased by at least 100 %. A method for the manufacture of a killed whole cell vaccine for immunization against CS6 expressing ETEC. Cells and vaccines obtainable by the above methods.

No. of Pages: 26 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :31/03/2014

(21) Application No.2532/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : SIGNATURE SEQUENCE SELECTION SYSTEM VALUE BIT LOADING AND ENERGY ALLOCATION METHOD AND APPARATUS FOR MULTICODE SINGLE INPUT SINGLE OUTPUT AND MULTIPLE INPUT MULTIPLE OUTPUT PARALLEL CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B7/04 :1115566.0 :08/09/2011 :U.K. :PCT/GB2012/000701 :07/09/2012 :WO 2013/034875 :NA :NA	(71)Name of Applicant: 1)IMPERIAL INNOVATIONS LIMITED Address of Applicant:52 Princes Gate South Kensington London SW7 2PG U.K. (72)Name of Inventor: 1)GURCAN Mustafa Kubilay
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(57) Abstract:

A METHOD OF TRANSMITTING DATA OVER A RADIO DATA TRANSMISSION SYSTEM HAVING A PLURALITY OF PARALLEL SINGLE INPUT SINGLE OUTPUT OR MULTIPLE INPUT MULTIPLE OUTPUT CHANNELS THE METHOD COMPRISING TRANSMITTING DATA AT A RATE BITS PER SYMBOL OVER A FIRST GROUP OF () CHANNELS AND AT A RATE 6 BITS PER SYMBOL OVER A SECOND GROUP OF CHANNELS BY SPREADING THE DATA USING A NUMBER OF SIGNATURE SEQUENCES.

No. of Pages: 48 No. of Claims: 11

(21) Application No.257/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ARMREST FOR A DOOR OF A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D :10 2013 100 903.4 :30/01/2013 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant: PORSCHEPLATZ 1, 70435 STUTTGART, GERMANY (72)Name of Inventor: 1)PLATZEK, HOLGER 2)FENGEL, PAUL-DIETER
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(57) Abstract:

A crash structure is provided as an internal support in an armrest on a door lining of a motor vehicle, said crash structure having recesses designed in a cross-shaped manner, wherein a foam element which is covered by a decorative layer is arranged above said crash structure. The crash structure serves in particular for absorbing load in the event of a side impact, in order to protect the vehicle occupants against 10 increased force peaks.

No. of Pages: 9 No. of Claims: 6

(21) Application No.2619/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SOLAR CELL USING PRINTED CIRCUIT BOARD

(51) International classification	.П011	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AHN, HYEON WOO
(32) Priority Date	:NA	Address of Applicant :11-103, 320, EXPO-RO 339 BEON-
(33) Name of priority country	:NA	GIL YUSEONG-GU, DAEJEON 305-370, REPUBLIC OF
(86) International Application No	:NA	KOREA
Filing Date	:NA	2)LEE, SUNG GUE
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)AHN, HYEON WOO
Filing Date	:NA	2)LEE, SUNG GUE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A solar cell using a printed circuit board (PCB) includes a substrate that is formed of an insulating material and in and through which a plurality of fixing holes and communication holes are alternately formed; a plurality of photoelectric effect generators that have ball or polyhedral shapes fixed to the substrate to be disposed over the plurality of fixing holes, and generate photoelectric effects by receiving light through light-receiving portions that are exposed to an upper portion of the substrate; a plurality of upper electrodes that are formed on a top surface of the substrate, and are connected to the respective light-receiving portions of the photoelectric effect generators; and a plurality of lower electrodes that are formed on a bottom surface of the substrate to be connected to respective non-light-receiving portions of the photoelectric effect generators, and communicate with the plurality of upper electrodes through the plurality of communication holes.

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

(21) Application No.2459/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: VEHICLE BRAKE CONTROL APPARATUS AND BRAKE CONTROL METHOD

(51) International classification :B60T7/04,B60T7/12,B60T7/22 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA (31) Priority Document No :2011215252 Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471 (32) Priority Date :29/09/2011 (33) Name of priority country :Japan 8571 Japan (72)Name of Inventor: (86) International Application No: PCT/IB2012/001734 Filing Date :10/09/2012 1)UDAKA Satoshi (87) International Publication No: WO 2013/045987 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application Number

Filing Date :NA

:NA

(57) Abstract:

An ECU is formed of an ABS control device for controlling operation of a braking device when a slip ratio of wheels FR to RL becomes greater than a threshold an automatic brake control device that controls operation of the braking device based on information on surroundings of the vehicle and the threshold changing device that changes the threshold at which the braking device is activated by the ABS control device so that the threshold when the braking decice is being operated by the automatic brake control device is smaller than the threshold when the braking device is not being operated by the automatic brake control device.

No. of Pages: 22 No. of Claims: 5

(21) Application No.256/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR OPERATING A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority country (34) International Application No (35) Filing Date (37) International Publication No (38) International Publication No (39) International Publication No (40) Patent of Addition to Application Number (51) Filing Date (52) Divisional to Application Number (53) Filing Date (54) Priority Document Number (55) Filing Date (57) NA (58) Priority Document Number (59) Priority Document Number (50) Priority Document Number (51) Priority Document Number (52) Priority Document Number (53) Priority Document Number (54) Priority Document Number (57) Priority Document Number (58) Priority Document Number (59) Priority Document Number (50) Priority Document Number (51) Priority Document Number (51) Priority Document Number (52) Priority Document Number (53) Priority Document Number (54) Priority Document Number (55) Priority Document Number (57) Priority Document Number (58) Priority Document Number (59) Priority Document Number (50) Priority Document Number (50) Priority Document Number (51) Priority Document Number (52) Priority Document Number (51) Priority Document Number (52) Priority Document Number (52) Priority Document Number (53) Priority Document Number (54) Priority Document Number (54) Priority Document Number (55) Priority Document Number (56) Priority Document Num	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor: 1)ANANTHA, PRASHANTH 2)HEINZMANN, BERND
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(57) Abstract:

The present subject matter relates a method and an arrangement for operating a motor 5 vehicle. The motor vehicle has a clutch arrangement (10) with an exclusively mechanical transmission of a force, initiated on a clutch actuating element, on a clutch (28), wherein by actuating the clutch actuating element, the clutch (28) is opened, and the clutch (28) is kept open by an additionally provided hydraulic unit (11).

No. of Pages: 14 No. of Claims: 12

(21) Application No.2618/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A DEVICE BASED ON HIGHER HARMONIC ANALYSIS OF ULTRASOUND WAVES FOR STRUCTURAL DAMAGE EVALUATION OF IN-SERVICE COMPONENTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01N :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SARMISHTHA PALIT SAGAR
(61) Patent of Addition to Application Number	:NA	2)NILIMA DAS
Filing Date	:NA	3)INDRANIL CHATORAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a higher harmonic analysis of ultrasound wave based device for non-destructive evaluation applications. The present invention particularly relates to the development of portable, site worthy higher harmonic analysis of ultrasound wave based device for non-destructive evaluation of structural damage of in service components. More specifically present invention relates to the development of integrated high power pulser in the frequency range of 100 kHz- 6 MHz, embedded preamplifier of gain 40dB to improve S/N ratio and spectral analysis of received signal to quantify the localised damage such as corrosion pitting after calibration to minimise scatter in higher harmonic analysis of ultrasound wave based technique. In addition to its primary purpose of stated health monitoring of structural materials, the device can also be used for evaluating fatigue, creep and residual stress of in service components.

No. of Pages: 20 No. of Claims: 6

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PROCESS FOR MAKING MWCNTS BASED HN3/NO2 GAS SENSRO

(51) International classification	:C08L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DEPARTMENNT OF ELECTRONICS &
(32) Priority Date	:NA	INFORMATION TECHNOLOGY (DEIT)
(33) Name of priority country	:NA	Address of Applicant :MINISTRY OF COMMUNICATION
(86) International Application No	:NA	AND INFORMATION TECHNOLOGY 6, CGO COMPLEX
Filing Date	:NA	NEW DELHI-110003. Delhi India
(87) International Publication No	: NA	2)JAMIA MILLIA ISLAMIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRABHASH MISHRA
(62) Divisional to Application Number	:NA	2)SAIKH SAFIUL ISLAM
Filing Date	:NA	

(57) Abstract:

The invention relates to a process of making MWCNTs based NH3/NO2 gas sensor comprising the steps of (a) preparing a porous MWCNTS/AI2O3 composite thick film of thickness in the range of 100 to 150nm prepared by sol-gel process; (b) curing the film at a temperature in the range of 400°C to 500°C for a time period in the range 3 to 4 hour to obtain a cured sample; (c) providing interdigited planar gold electrodes of separation 1 mm, on same side of the cured sample by screen printing and (d) heat treating the resultant cured sample with electrodes at a temperature in the range of 800°C to 850°C for a time period in the range of 2 to 3 hours to obtain a gas sensor.

No. of Pages: 19 No. of Claims: 10

(21) Application No.2627/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METAL BASED ANTI-CANCER AGENT, AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :Block 2, 7th Floor, CGO Complex,
(33) Name of priority country	:NA	Lodi Road, New Delhi -110 003, India Delhi India
(86) International Application No	:NA	2)ALIGARH MUSLIM UNIVERSITY
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Farukh Arjmand
(61) Patent of Addition to Application Number	:NA	2)Shazia Parveen
Filing Date	:NA	3)Mohd Afzal
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates having the structure to a metal based chemotherapeutic agent ComPlex-1 showing the following: IR data KBr, cm-I) 1651 v(C-N)pnen,842,706 v(C-H)pne 594 v(Cu-N) 331 v(Sn-cl). Molar conductance, Ay (1 x 10-s M, DMSOI: 74 C)-1cm2mo1 +(1:1 electrolyte).uv-vis(10-+M,DMSo,nm,xl:27t{24024]|,295(8702]|,726 (d-d band) 891 (sh).

No. of Pages: 32 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2385/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: BUCKET FOR CRUSHING INERT MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E02F3/96 :PD2011A000308 :30/09/2011 :Italy :PCT/IB2012/055186 :28/09/2012 :WO 2013/046164 :NA :NA :NA	(71)Name of Applicant: 1)MECCANICA BREGANZESE S.P.A. IN BREVE MB S.P.A. Address of Applicant: Via Astico 30/A I 36030 Fara Vicentino (VI) Italy (72)Name of Inventor: 1)AZZOLIN Diego 2)AZZOLIN Guido
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(57) Abstract:

A bucket for crushing inert material comprising an outer casing and crushing means arranged in the casing for crushing the material and additionally comprising a rotating tubular body rotatable about an axis substantially parallel to a feed direction for the material and disposed upstream with respect to the crushing means in such a way that the material before being sent to the crushing means passes inside the rotating body in order to impart to it a rotational movement.

No. of Pages: 17 No. of Claims: 11

(21) Application No.2630/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: TRIPLE EXTENSION ADAPTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA	(71)Name of Applicant: 1)XYZ Science Co., Ltd. Address of Applicant:10F., No.2, Baosheng Rd., Yonghe Dist., New Taipei City 234, Taiwan, R.O.C. Taiwan (72)Name of Inventor: 1)Chiu-San LEE
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(57) Abstract:

The present invention relates to a triple extension adaptor including a cover forming a plurality of socket ports in different shapes, a bottom assembled with the cover, a receipt compartment within the bottom and with an opening at side, a rotary plug within the receipt compartment wherein a overload tripping switch is used along with a capacitor and a surge arrestor for safety. An earth connection is for effective earthing of German or French plugs while the rotary plug can connect to an electrical wire or a wall socket. The present invention can accommodate multiply plugs in different shapes, connect to a power supply wire as extension cord for either construction or household by user and have an earth lip at the surface for receiving the German or French plugs with earth connection for advantages of reducing inventory and industrial application of non-permanent sockets.

No. of Pages: 31 No. of Claims: 9

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SPEED MANAGEMENT WHEN SWITCHING ELECTRICAL CONFIGURATIONS

(51) International classification :F03I (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 Filing Date :NA	Address of Applicant :HEDEAGER 44 8200 AARHUS N DENMARK (72)Name of Inventor: 1)MARTIN ANSBJERG KJAER 2)RASMUS MOLGAARD HAVIID KNUDSEN 3)PETER KOLDKIAER
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(57) Abstract:

To efficiently run a wind turbine in varying wind speeds, the wind turbine may be configured to switch between two different electrical configurations that offer different efficiencies depending on wind speed. For example, a star configuration may be preferred during low wind speeds while a delta configuration is preferred for high wind speeds. Before switching, the power output by the turbines generator may be driven to zero. Doing so, however, removes load from the rotor blades which cause the rotor speed to increase. Instead, the rotor speed may be controlled such that the speed stays at or above the speed of the rotor immediately before the generator power is ramped down. Maintaining rotor speed at or slightly above the current speed while switching between electrical configurations may mitigate the torque change experienced by the turbine and reduce the likelihood of structural failure.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A FLEXIBLE MICE RESTRAINER FOR HIND LIMB TUMOR RADIATION EXPOSURE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Substitute Su	A01K NA
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(57) Abstract:

This invention is related to a flexible restraining device used to secure various strains of mice in a stationary position while exposing the animals hind limb bearing tumor for radiation exposure. The restrainer is triangular in shape, mounted onto a flat base and made of preferably clear Perspex. The flexible mice restrainer for hind limb tumor radiation exposure comprising of a main body and a moving body with a wing provided thereon are connected to each other at one end, wherein said main body and moving body are provided with a plurality of openings. Width of the restrainer is adjustable by inserting a removable hold key into one of holes on the flexible top wing to facilitate lateral movement. The device is provided to restrain the animal by its tail and hind limbs so as to facilitate the focused radiation to the solid tumor in the hind limb with minimal forward and lateral movement.

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

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ON VEHICLE DEVICE FOR TRAIN CONTROL SYSTEM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2011216843	1)THE NIPPON SIGNAL CO. LTD.
(32) Priority Date	:30/09/2011	Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1006513 Japan
(86) International Application No	:PCT/JP2012/074377	(72)Name of Inventor:
Filing Date	:24/09/2012	1)TAKAHASHI Masahide
(87) International Publication No	:WO 2013/047427	2)HASHIMOTO Naoto
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an on vehicle device wherein it is possible to appropriately control the speed and such of a train by receiving a train control signal from an on ground facility for train control systems employing different methods. An on vehicle device (10) mounted on a train (1) contains: ATC/TD antennae (11a 11b) for receiving an ATC signal containing a set of train control information from a loop coil installed along the travel path of the train (1); an on vehicle radio (12) for receiving a CBTC signal containing a set of train control information from a railroad radio installed along the travel path; an ATC control unit (141) for controlling the train (1) on the basis of the train control information contained in the ATC signal; and a selection unit (142) for selecting the ATC control unit (141) or the CBTC control unit (142).

No. of Pages: 26 No. of Claims: 10

:NA

:NA

:NA

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ACID RESISTANT MONOLITHIC FUEL CELL COOLER ASSEMBLY

(51) International classification :H01M8/04,H01M8/08,H01M8/24 (71)Name of Applicant : (31) Priority Document No :NA 1)CLEAREDGE POWER LLC (32) Priority Date :NA Address of Applicant :195 Governors Highway South Windsor (33) Name of priority country :NA CT 06074 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2011/001806 1)BREAULT Richard D. :25/10/2011 Filing Date 2)TENNETI Kishore Kumar (87) International Publication 3)KANURI Sridhar V. :WO 2013/062503 4) REMPE Richard J. (61) Patent of Addition to :NA **Application Number**

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

A composite plate (26) is formed in a mold (8) by placing one of two preforms (15 23) of between about 80 wt.% and about 85 wt.% flake graphite balance polymer binder into the mold and disposing a coolant tube array (18) thereon depositing a powder (21) of the flake/polymer around the tube array placing a second preform on the powder and a mold plunger (27) on the second preform heating the mold to the melting temperature of the polymer under a pressure of 625 psi (4311 kPa) cooling the mold to the solidification temperature of the polymer while still under pressure cooling the mold further disassembling the mold and removing the composite plate. The composite plate has reactant gas flow field channels (31 32) in major surfaces thereof is devoid of any acid edge protection layer or film and is devoid of any acid impervious separator plate between either of the fuel cell reactant gas flow fields and the coolant tube array.

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

(21) Application No.2457/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SOLAR COLLECTOR INCLUDING A SOLAR TURBINE OR A TURBOCOMPRESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:18/12/2011 :WO 2013/068607 :NA	(71)Name of Applicant: 1)VILLARRUBIA RUIZ Jon;s Address of Applicant:Florencia 16 Piso 9° Letra C Coslada E 28822 Madrid Spain (72)Name of Inventor: 1)VILLARRUBIA RUIZ Jon;s
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a solar collector including a solar turbine or a turbocompressor comprising: an inlet for external air a compressor (16) a regenerative heat exchanger a conical solar collector (1) formed by a spiral tube that is thermally insulated in the area that is not exposed to solar radiation using a ceramic material fuel gas injectors (30) a turbine (4) coupled to the compressor (16) and a generator (10) and an outlet (8) for releasing air and exhaust gases to the exterior.

No. of Pages: 17 No. of Claims: 3

(22) Date of filing of Application :06/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : ENGINEERING E. COLI STRAIN FOR CONVERSION OF SHORT CHAIN FATTY ACIDS TO BIOALCOHOLS

(51) International classification	:C11C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTERNATIONAL CENTRE FOR GENETIC
(32) Priority Date	:NA	ENGINEERING AND BIOTECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :ICGEB Campus, P.O. Box 10504,
(86) International Application No	:NA	Aruna Asaf Ali Marg, New Delhi 110067, India Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YAZDANI Syed Shams
(61) Patent of Addition to Application Number	:NA	2)MATTEM Anu Jose
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an engineered microorganism suitable for the production of bioalcohols. In particular, the invention relates to an Escherichia coli (E. coli) strain for the production of bioalcohols. The invention also provides a process for the production of bioalcohols from short chain fatty acids.

No. of Pages: 49 No. of Claims: 21

(22) Date of filing of Application :09/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : PORTABLE CLEAN ENERGY GENERATOR USING RARE-EARTH MAGNETS, FERRO-FLUIDS AND COMPRESSED OR EXPANDED AIR

(51) International classification		(71)Name of Applicant :
(C1) International Classification	F23J	1)AMITY UNIVERSITY
(31) Priority Document No	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(32) Priority Date	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)V.K. JAIN
(87) International Publication No	: NA	2)ABHISHEK VERMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Portable clean energy generator using rare-earth magnets, ferro-fluids and compressed or expanded air 0 9 BP 2013 The present invention relates to a system and method for the generation of the cleanest electrical energy with the use of rare-earth magnets, ferro-magnetic fluids and compressed or expanded air (produced from solar energy and/or waste heat). The circular tube design based energy generation system uses the power of magnetic fields created from moving rare-earth magnets which is constructed to create electrical power. The power generation using the said system is around SW. This ferro-magnetic power generator will not only be clean, but it will also allow us to generate cost effective ele

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

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ASPIRATION DEVICE

(51) International classification :A6 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	Address of Applicant: Ministry of Science & Technology Government of India, C.G.O. Complex, Lodhi Road, New Delhi 110003 Delhi India (72)Name of Inventor: 1) IOV Dr. Vajsakh Nappady
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(57) Abstract:

An aspiration device (100) includes an aspiration unit (102) for extracting fluid from an aspiration site on a patientTMs body. The aspiration unit (102) comprises a cannula (112) for piercing the aspiration site and a catheter (110) connected to the cannula (112). The catheter (110) adapted to be inserted in the aspiration site to extract the fluid. A stabilizer (108) is provided to affix the aspiration unit (102) to the patientTMs body. The stabilizer (108) includes a guide (202) having a guiding slot (204) for guiding the movement of the aspiration unit (102) while piercing the aspiration site. A collection bag (106) adapted to be coupled to the catheter (110) for collecting the fluid extracted by the aspiration unit (102). A transfer tube (104) adapted to couple the collection bag (106) and the aspiration unit (102) to transfer the fluid from the aspiration unit (102) to the collection bag (106).

No. of Pages: 36 No. of Claims: 11

(21) Application No.2642/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PORTABLE WINDMILL MULTIPURPOSE CHARGER

(51) International classification (31) Priority Document No	:F03D :NA	(71)Name of Applicant: 1)HARSHUL BALANI
(32) Priority Date	:NA	Address of Applicant : A-369 PANCHSHEEL NAGAR,
(33) Name of priority country	:NA	AJMER-302001 Rajasthan India
(86) International Application No	:NA	2)BHARAT JAIN
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HARSHUL BALANI
(61) Patent of Addition to Application Number	:NA	2)BHARAT JAIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device is useful to charge the electronic devices like mobiles, mp3 player is disclosed. The device is an portable windmill charger having a small fan (1) with a dynamo (2) which will convert the wind energy into electrical energy and electrical circuit (5) is attached to a dynamo which will charge the device and will store the remaining charge in a battery. By using this device in the moving train, devices like mobile and mp3 player can be charged when there is an emergency.

No. of Pages: 6 No. of Claims: 8

(21) Application No.2660/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :09/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD OF TRANSIENT EXPRESSION OF GENE OF INTEREST IN PLANTS USING A PLANT DNA VIRUS BASED VECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF DELHI Address of Applicant: South Campus, Benito Juarez Road, New Delhi-110021, India Delhi India 2)DEPARTMENT OF BIOTECHNOLOGY (72)Name of Inventor: 1)NABANITA GOGOI
(61) Patent of Addition to Application Number	:NA	1)NABANITA GOGOI 2)INDRANIL DASGUPTA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Title: A method of transient expression of gene of interest in plants using a plant DNA virus based vector. Two DNA constructs comprising the transient gene expression vectors based on the DNA-B of a plant DNA virus, wherein a reporter gene coding sequence flanked by two MCS replaces the BCI ORF in one and the BVI ORF in the other construct.

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :09/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN APPARATUS FOR COOLING BY EVAPORATION OF AIR

(51) 7	F2.4F	
(51) International classification	:F24F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHNU KUMAR SHARMA
(32) Priority Date	:NA	Address of Applicant :VILLAGE-NANGAL, POST-
(33) Name of priority country	:NA	LOTWADA, TEH-BASWA, DISTT. DAUSA, RAJASTHAN-
(86) International Application No	:NA	303509 Rajasthan India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VISHNU KUMAR SHARMA
(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 modified evaporative cooler for cooling the surrounding air and also for cooling the drinking water and food preservation. The modified evaporative cooler comprises a fan- motor assembly to supply cold air and air guiding strips to guide the air in desired direction. An overhead tank, a plurality of pipes, and a plurality of valves provided for a water distribution. The modified evaporative cooler further comprises a cloth bag, a copper tank, a copper tube, a water filter and a tap to provide the cold and purified drinking water. The modified evaporative cooler further comprises a tray with cloth pad provided at the base of the tray to cools down the temperature of the tray area. The cloth pad at the base of the tray continuously receives water to keep the tray are cool down. A wood wool evaporative pads receives gravity feed water dripping through the pipes. The structural frame is provided to accommodate the different stuff inside the modified evaporative cooler. A water collecting chamber accumulates the water coming out of the wood wool evaporative pads.

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

(21) Application No.2664/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NETWORKED DEVICES AND METHODS FOR PERSONAL SAFETY AND SECURITY

(51) International classification	:A61Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMRITA VISHWA VIDYAPEETHAM
(32) Priority Date	:NA	Address of Applicant :AMRITANGAR P.O., ETTIMADAI,
(33) Name of priority country	:NA	COIMBATORE 641 112, TAMIL NADU, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)POORNACHANDRAN, PRABAHARAN
(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 provides a computer based system and method for 5 tracking and geo-locating a portable configurable device which on detecting adverse, dangerous, and abnormal situations sends alerts to the CMMS for ensuring immediate help to the user. The CMMS on receiving information from the device of the user issues an alert to the emergency contact(s), emergency services and other configured agencies. The system 10 and method is based on a computer based network in order to track and locate any vulnerable person whether a victim of any assault or one suffering from a physical and mental disorder who can create an alert or an alarm and get help during such a distress.

No. of Pages: 28 No. of Claims: 13

(21) Application No.2493/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: THREADED TUBULAR COMPONENT AND RESULTING CONNECTION

(51) International

:E21B17/042,C08K7/22,F16B33/06

classification

(31) Priority Document No :11/03140

(32) Priority Date

:14/10/2011

(33) Name of priority country: France

:NA

No

(86) International Application :PCT/EP2012/004153

Filing Date

:04/10/2012

No

(87) International Publication :WO 2013/053450

(61) Patent of Addition to :NA **Application Number**

Filing Date

:NA (62) Divisional to Application :NA

Number

Filing Date

(71)Name of Applicant:

1)VALLOUREC OIL AND GAS FRANCE

Address of Applicant :54 rue Anatole France F 59620 Aulnoye

Aymeries France

2)NIPPON STEEL & SUMITOMO METAL

CORPORATION

(72)Name of Inventor:

1)GARD Eric 2)PINEL Eliette 3)PETIT Mikael

(57) Abstract:

The invention concerns a threaded tubular component intended for drilling or working hydrocarbon wells said tubular component having at one of its ends (1; 2) a threaded zone (3; 4) formed on its external or internal peripheral surface depending on whether the threaded end is male or female in type characterized in that the end portion (1; 2) is at least partially coated with a dry film (12) comprising a thermoplastic or thermoset matrix (13) including microcapsules filled with compounds in the liquid form.

No. of Pages: 33 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :31/03/2014

(21) Application No.2494/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF TRIVALENT IRON COMPLEXES WITH MONO-, DIAND POLYSACCHARIDE SUGARS

(51) International classification
 (31) Priority Document No
 (32) Priority Date
 (33) Name of priority country
 (34) Section 12 (15/03/2005)
 (35) International classification
 (36) MO2005A000056
 (37) International classification
 (38) Priority Date
 (39) International classification
 (30) MO2005A000056
 (31) International classification
 (32) Priority Date
 (33) Name of priority country
 (34) International classification
 (35) International classification
 (36) International classification
 (37) International classification
 (38) International classification
 (31) International classification
 (32) Priority Date
 (33) Name of priority country
 (34) International classification
 (35) International classification
 (36) International classification
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 (32) International classification
 (33) International classification
 (34) International classification
 (35) International classification
 (36) International classification

(86) International Application No :PCT/IB2006/000560 Filing Date :14/03/2006 (87) International Publication No : NA

(61) Patent of Addition to Application
Number
Filing Date
:NA
:NA

(62) Divisional to Application Number :7129/DELNP/2007 Filed on :14/09/2007 (71)Name of Applicant: 1)BIOFER S. P. A.

Address of Applicant : Via Canina, 2, 41036 Medolla, Italy

Italy

(72)Name of Inventor:

1)SACCHI, Stefania 2)MONTORSI, Mauro 3)MARCHI, Egidio

(57) Abstract:

Process for the preparation of trivalent iron complexes with mono-, di- and polysaccharide sugars, consisting of the activation of the sugar by oxidation with nascent bromine generated in situ by reaction between an alkaline or alkaline earth bromine and an alkaline hypochlorite, the complexation of the activated sugar in solution with a ferric salt dissolved in an aqueous solution, the purification of the resulting solution through ultrafiltration and finally the stabilization of the trivalent iron-sugar complex by heating at a temperature between 60°C and 100°C for a period between 1 and 4 hours at a pH between 9.0 and 11.0

No. of Pages: 48 No. of Claims: 18

(21) Application No.2495/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: UNITIZED REAGENT STRIP

(51) International classification :G01N35/10,B01L3/00,B01L9/00 (71)Name of Applicant:

(31) Priority Document No :61/541991 (32) Priority Date :30/09/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/058102

No :28/09/2012 Filing Date

(87) International Publication :WO 2013/049706

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA :NA

Number Filing Date

1)BECTON DICKINSON AND COMPANY

Address of Applicant: 1 Becton Drive Franklin Lakes NJ

07417 U.S.A.

(72)Name of Inventor: 1)LENTZ Ammon David 2)LIVINGSTON Dwight 3)STEEL Adam Bruce 4)ST. PIERRE Richard

(57) Abstract:

The embodiments disclosed herein relate to unitized reagent strips for holding and transporting reagents and materials used in automated sample preparation and/or processing for biological and or chemical assays.

No. of Pages: 34 No. of Claims: 27

(21) Application No.276/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD FOR FLANGE-PIPE ALIGNMENT

(51) International classification	:B24B	(71)Name of Applicant:
(31) international classification	:201301125-	
(31) Priority Document No	9	CENTRE PTE LTD
(32) Priority Date	:14/02/2013	Address of Applicant :31 SHIPYARD ROAD, SINGAPORE
(33) Name of priority country	:Singapore	628130, SINGAPORE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MERCHANT, AZIZ AMIRALI HASHAM
(87) International Publication No	: NA	2)QUEK, CHOON KIAT
(61) Patent of Addition to Application Number	:NA	3)NG, CHEE YEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an apparatus and method for aligning a flange to a pipe. The apparatus includes a base, a jig moveably supported on the base and a detector attached to the base and disposed adjacent to the jig. A flange is clamped by the jig and rotates following the rotation of the jig by which, a profile of an inner surface of the flange is measured by the detector and a flange position reference is determined. The jig then moves relative to the base, based on the flange position reference, to align the flange to the pipe.

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

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND APPARATUS FOR REHEAT STEAM TEMPERATURE CONTROL OF OXY-FIRED BOILERS

(51) International classification	:F01K	(71)Name of Applicant:
(31) Priority Document No	:13/759,151	
(32) Priority Date	:05/02/2013	
(33) Name of priority country		BADEN, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LOU, XINSHENG
(87) International Publication No	: NA	2)ZHANG, JUNDONG
(61) Patent of Addition to Application Number	:NA	3)ZHANG, SHU
Filing Date	:NA	4)LILJEDAHL, GREG W.
(62) Divisional to Application Number	:NA	5)WILHELM, BRUCE W.
Filing Date	:NA	

(57) Abstract:

Method and Apparatus for Reheat Steam emperaturiontroofl O xv-Fired Boilers Method and system for adjusting a measured reheat outlet steam temperature ((RpV) to approximate a reheat outlet steam temperature setpoint ((&p9) in a boiler. An RPV is compared to an &p. If the RpV is less than the RSp and a position of a fuel nozzle tilt (TILTpV) is below a high limit of the fuel nozzle tilt ((TILTHIGH)th, e TILTpv is increased while a flow rate of a secondary flue gas recirculation (SFGRpVVi)s kept constant. If the RPVi s less than the &p and the TILTpv is at the TILTHIGHth, e SFGRpvi s increased. If the RPVi s greater than the RSpa nd the SFGRpv is greater than a low limit of flow rate of the SFGR (SFGRLow), the SFGRpv is decreased, while the TILTpv is kept constant. If the RPV is greater than the &p and the SFGRpv is at the SFGRLow, the TILTpv is decreased.

No. of Pages: 25 No. of Claims: 20

(21) Application No.2462/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD FOR FITTING CABLES WITH CABLE SLEEVES AND TRANSFER UNIT FOR SEALS OR COMPARABLE CABLE ASSEMBLY COMPONENTS FOR A CABLE PROCESSING PLANT

(51) International :H01R43/00,H01R43/28,G01L1/16

(31) Priority Document No :61/541058 (32) Priority Date :29/09/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/054437

No :29/08/2012

Filing Date .29/08/2012

(87) International Publication

No . WO 2013

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

Filing Date
(62) Divisional to Application

:WO 2013/046075 5)WOSINSKI Eugen

(71)Name of Applicant:

1)SCHLEUNIGER HOLDING AG

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Switzerland

(72)Name of Inventor : 1)AYABAKAN Mustafa

2)KEIL Uwe

3)WOITKE Gerhard 4)STIER Martin 5)WOSINSKI Eugen

(57) Abstract:

A method for fitting cables (13) with seals (1) in which the seals (1) are accommodated via a transfer unit and mounted on the mentioned cable (13). While the seal (1) is being accommodated via the transfer unit its orientation on the holding arbor (2) is mechanically electrically and fully automatically checked. If a seal (2) is incompletely or partially punched through it is removed from the holding arbor (2). Equally a seal (2) which is not accommodated by the holding arbor (2) is removed from the accommodation area. Also a transfer unit for seals (1) or comparable cable fitting components for a cable processing plant the transfer unit encompassing a holding arbor (2) for accommodating seals (1) wherein at least one force and/or pressure transducer (3) is situated on or in the holding arbor (2).

No. of Pages: 46 No. of Claims: 33

(21) Application No.2463/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FOCUS ESALUATION DEVICE IMAGING DEVICE AND PROGRAM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G02B7/36,G02B7/28,G03B13/36 :2011191555 :02/09/2011 :Japan	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant:12 1Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2012/005539 :31/08/2012 :WO 2013/031238	(72)Name of Inventor : 1)KAWAI Atsushi
No (61) Patent of Addition to Application Number Filing Date	:WO 2013/031238 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A region setting unit of this focus evaluation device sets a focus evaluation region including a plurality of blocks in a color image. An edge detection unit detects edges for each color component from each of the blocks. A block selection unit selects an evaluation target block suitable for focus evaluation from the plurality of blocks. An in focus assessment unit obtains an in focus assessment value for each evaluation target block using the difference in blur width of edges in two color components for which there is longitudinal chromatic aberration. The focus evaluation unit combines the in focus assessment values for each of the valuation target blocks and evaluates the focus state of a subject image in the focus evaluation region.

No. of Pages: 52 No. of Claims: 15

(21) Application No.2464/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : ELECTRICAL CONNECTING STRUCTURE COMPRISING AN ELECTRICAL PLUG CONNECTOR AND AN ELECTRICAL ARRANGEMENT RELATING THERETO

(51) International :H01R9/03,H01R13/66,B60R16/02

:WO 2013/087253

classification :110 2011 088 333.9

(31) Priority Document No :10 2011 088 333.9 (32) Priority Date :13/12/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/070361

No :15/10/2012

Filing Date .13/10/20

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA :NA :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)HOFMEISTER Werner

2)SAUR Martin 3)BAHR Markus 4)LUX Markus

(57) Abstract:

The invention relates to an electrical connecting structure (2) comprising an electrical plug connector (4) which has an insulating plug housing (15) and can be conductively connected to a mating electrical plug connector (6) that is rigidly connected to an electrical unit (16) in order to transmit high currents. The connecting structure (2) comprises a first (8) and a second (10) electrical line configured to transmit a first and a second current that have a first and a second phase position the second phase position being temporally shifted relative to the first. The first (8) and second (10) lines comprise an associated first (12) and second (14) shield against electromagnetic interferences and these first (12) and second (14) shields can be detachably and conductively connected to an associated third (20) and fourth (22) shield (20) located in the mating plug connector (6). According to the invention the first (12) and second (14) shields differ from one another and are interconnected in a conductive manner within said electrical connecting structure (2).

No. of Pages: 19 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FETAL CHROMOSOMAL ANEUPLOIDY DIAGNOSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C12Q1/68 :61/548632 :18/10/2011 :U.S.A. :PCT/IB2012/002091 :18/10/2012	(71)Name of Applicant: 1)MULTIPLICOM NV Address of Applicant: Galileilaan 18 B 2845 Niel Belgium (72)Name of Inventor: 1)DEL FAVERO Jurgen 2)GOOSSENS Dirk
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/057568 :NA :NA	3)HEYRMAN Lien
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2922/DELNP/2014 A

(57) Abstract:

The invention relates to prenatal detection methods using non invasive techniques. In particular it relates to prenatal diagnosis of a fetal chromosomal aneuploidy by detecting fetal and maternal nucleic acids in a maternal biological sample. More particularly the invention applies multiplex PCR to amplify selected fractions of the respective chromosomes of maternal and fetal chromosomes. Respective amounts of suspected aneuploid chromosomal regions and reference chromosomes are determined from massive sequencing analysis followed by a statistical analysis to detect a particular aneuploidy.

No. of Pages: 31 No. of Claims: 11

(21) Application No.2434/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : PRODUCTION METHODS FOR 3 4 DIHYDROISOQUINOLINE DERIVATIVES AND PRODUCTION INTERMEDIATES FOR SAME

(51) International :C07D401/04,C07D217/02,C07B61/00

classification

(31) Priority Document No :2011213688 (32) Priority Date :29/09/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/075085

Filing Date :28/09/2012

(87) International Publication No :WO 2013/047750

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant :

1)MITSUI CHEMICALS AGRO INC.

Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato

ku Tokyo 1057117 Japan (72)Name of Inventor: 1)UMETANI Hideki 2)KONDO Nobuhiro

3)KAJINO Fumie

4)MORIMOTO Munetsugu

(57) Abstract:

Provided are efficient production methods for 3 4 dihydroisoquinoline derivatives and production intermediates useful for the same. The production methods for 3 4 dihydroisoquinoline derivatives represented by general formula (1) comprises the conversion of a compound represented by general formula (3) in the presence of an acid after being reacted with an aniline derivative or the conversion of a compound represented by general formula (3) reacted with an aniline derivative in the present of an acid.

No. of Pages: 45 No. of Claims: 39

(21) Application No.288/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR ENHANCING HAIR QUALITY USING BLACKBERRY EXTRACT

	:A61K,	(71)Name of Applicant:
(51) International classification	A610	1)JOHNSON & JOHNSON CONSUMER COMPAINES,
(31) Priority Document No	:13/765,498	<u>'</u>
(32) Priority Date	:12/02/2013	Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
(33) Name of priority country	:U.S.A.	NJ 08558 USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ELIZABETH BRUNING
(87) International Publication No	: NA	2)EUEN THOMAS GRAHAM EKMAN GUNN
(61) Patent of Addition to Application Number	:NA	3)FRANK LIEBEL
Filing Date	:NA	4)SAMANTHA TUCKER SAMARAS
(62) Divisional to Application Number	:NA	5)DINA VANWYCK
Filing Date	:NA	6)DELORES SANTORA

(57) Abstract:

Compositions and methods for inducing hair growth and improving hair quality utilizing extracts of blackberry in an amount effective to induce hair growth when applied topically to an area of the skin on which hair growth is desired.

No. of Pages: 40 No. of Claims: 8

(22) Date of filing of Application: 14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHODS FOR MANAGING POWER CONSUMPTION FOR A HANDS FREE DISPENSER

(51) International :H03K17/945,H03K17/94,A47K5/12 classification

(31) Priority Document No :13/274479 (32) Priority Date :17/10/2011 (33) Name of priority

:U.S.A. country

(86) International

(19) INDIA

:PCT/US2012/057684 Application No

:NA

:28/09/2012 Filing Date

(87) International

:WO 2013/058957 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

(71)Name of Applicant: 1)GOJO INDUSTRIES INC.

(21) Application No.2919/DELNP/2014 A

Address of Applicant :One GOJO Plaza Suite 500 Akron Ohio

44311 U.S.A.

(72)Name of Inventor:

1)WEGELIN Jackson W.

(57) Abstract:

Filing Date

Methods for managing power consumption of a battery powered device such as a fluid dispenser are disclosed. One method includes setting a duty cycle of a sensor used by the device to a first range (52) and starting a timer (56) upon detection (54) of a user by a triggering event and setting said duty cycle to a second range (60). The method continues by checking for another triggering event (62) with said duty cycle set to said second range. The checking step is repeated if the timer has not lapsed (64 NO) but if the timer has lapsed (64 YES) the process returns to the step (52) setting the duty cycle to said first range. Related methods may be used to adjust the duty cycle based upon a detected characteristic such as light sound motion or time.

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

(21) Application No.2920/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CURABLE POLYISOCYANATE COMPOSITION COMPRISING AN EPOXY RESIN

(51) International classification :C08G59/06,C08G59/40,C08G59/44

(31) Priority Document No :11190085.8 (32) Priority Date :22/11/2011

(33) Name of priority country:EPO

(86) International Application No :PCT/EP2012/071968

Filing Date :07/11/2012

(87) International Publication :WO 2013/075938

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)HUNTSMAN INTERNATIONAL LLC

Address of Applicant :500 Huntsman Way Salt Lake City

Utah 84108 U.S.A. (72)Name of Inventor:

1)ESBELIN Christian

2) VERBEKE Hans Godelieve Guido

3)VERBEKE Hugo

(57) Abstract:

Curable composition obtained by combining and mixing an epoxy resin composition comprising an epoxy resin and a carboxamide and a polyisocyanate composition comprising a polyisocyanate a lithium halide and a urea compound wherein the number of moles of lithium halide per isocyanate equivalent ranges of from 0.0001 0.04 and the number of urea + biuret equivalents per isocyanate equivalent of from 0.0001 0.4.

No. of Pages: 32 No. of Claims: 13

(21) Application No.2924/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: STABILIZED COMPOSITIONS OF HALOGENATED POLYMERS

(51) International

:C08L27/00,C08L27/06,C08L27/24

classification (31) Priority Document No (32) Priority Date

:61/565112 :30/11/2011

(33) Name of priority country: U.S.A. (86) International Application :PCT/US2012/066059

No Filing Date

:20/11/2012

(87) International Publication

:WO 2013/085714

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(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)CHO Jian Yang

2)LUNDQUIST Eric G.

(57) Abstract:

This invention relates to the thermal stabilization of halogen containing polymer compound compositions more particularly this invention relates to a poly(vinyl chloride) (PVC) or a chlorinated polyvinyl chloride (cPVC) compound composition comprising either methyl butyl or octyl tin mercaptide stabilizer at least one salt of a polymeric polyacid material in the form of a solid on its own and greater than or equal to 0.52wt% moisture level in the final halogen containing polymer compound composition.

No. of Pages: 15 No. of Claims: 7

(21) Application No.2925/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE AND METHOD FOR CONTROLLING BRAKING OF A MOTOR VEHICLE

(51) International :B60W50/10,B60T8/172,B60T8/58 classification

(31) Priority Document No :11510153 (32) Priority Date :31/10/2011 (33) Name of priority country: Sweden

(86) International Application

:PCT/SE2012/051083 :10/10/2012

Filing Date (87) International Publication

:WO 2013/066242

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)SCANIA CV AB

Address of Applicant: S 151 87 Sdertlje Sweden

(72)Name of Inventor: 1)RUDBERG Arvid 2)LAGHAMN Andreas

3)WINGREN Anna

4)PSCHEL Peter

(57) Abstract:

The invention relates to a method for control of braking by means of at least one supplementary brake (290 296) of a motor vehicle (100; 110) comprising the step of choosing (s410) supplementary braking action by means of a control device (270). The method comprises the steps of continuously determining (\$420) a total available supplementary brake torque (Mtot) and determining (\$430) by means of said control device (270) a chosen proportion (Mshare) of said total available supplementary brake torque (Mtot). The method comprises also the steps of determining (s440) a supplementary brake torque (Mtot) corresponding to said chosen proportion (Mshare) and of apportioning (\$450) said supplementary brake torque determined (Mtot) to at least one chosen supplementary brake (290 296) in order to achieve the chosen supplementary braking action. The invention relates also to a computer programme product comprising programme code (P) for a computer (200; 210) for implementing a method according to the invention. The invention relates also to a device for control of braking by means of at least one supplementary brake (290 296) of a motor vehicle (100; 110) and to a motor vehicle (100; 110) equipped with the device.

No. of Pages: 33 No. of Claims: 18

(21) Application No.2447/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: RING HOLDER SYSTEM COMPRISING A RING HOLDER AND A RING DISPLAY AND METHOD FOR CONNECTING A RING TO A RING HOLDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A47F7/024 :11186905.3 :27/10/2011 :EPO :PCT/EP2012/071171 :25/10/2012 :WO 2013/060785	(71)Name of Applicant: 1)BEELINE GMBH Address of Applicant:Gr ¹ / ₄ nstrae 1 51063 Kln Germany (72)Name of Inventor: 1)STEBER Harald 2)NOSTER Meike 3)FRANKOWSKI Marcus
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

The invention relates to a ring holder (10) a ring display (36) comprising such a ring holder (10) and a method for connecting a ring (30) to a ring holder (10). The invention particularly addresses the problem of providing a device and a method for the presentation of rings (30) said device and method allowing a permanently attractive presentation of rings. A ring holder (10) according to the invention comprises a flat gripping section (12) at least one contact surface (14) arranged perpendicular to the gripping surface (12) and adjoining the gripping surface (12) for arranging the outer side of a ring (30) as an extension of the gripping section (12) and at least one fixation element (16) that is arranged at a distance from the contact surface (14) and perpendicular to the gripping section (12) and makes it possible to immobilize a ring relative to the contact surface (14) by using a strip like holding means.

No. of Pages: 21 No. of Claims: 15

(21) Application No.2930/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD FOR DETECTING BLADDER CANCER CELLS PRIMER USED IN METHOD FOR DETECTING BLADDER CANCER CELLS AND BLADDER CANCER MARKER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C12N15/09,C12Q1/68 :2011203705 :16/09/2011 :Japan :PCT/JP2012/056605	(71)Name of Applicant: 1)LSIP LLC Address of Applicant: 7 12 Marunouchi 1 chome Chiyoda ku Tokyo 1000005 Japan 2)TOYOTA Mutsumi
Filing Date	:14/03/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/038737	1)SHIMIZU Takashi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SUZUKI Hiromu 3)TSUKAMOTO Taiji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are: a method for detecting bladder cancer with high detection sensitivity which has a high specificity for bladder cancer and is capable of detecting bladder cancer tissues with low grade of malignancy; and a bladder cancer marker. A method for detecting bladder cancer cells which comprises detection of the amount of expressed bladder cancer marker in a subject sample collected from a subject said bladder cancer marker being composed of one or more miRNAs selected from among miR 124 miR 9 and miR 137; a primer which is used in the method for detecting bladder cancer cells; and a bladder cancer marker.

No. of Pages: 71 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CONFIGURATIONS AND METHODS OF HEATING VALUE CONTROL IN LNG LIQUEFACTION PLANT

(21) Application No.2931/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/10/2012 :WO 2013/056267 :NA :NA	(71)Name of Applicant: 1)FLUOR TECHNOLOGIES CORPORATION Address of Applicant: 3 Polaris Way Aliso Viejo California 92698 U.S.A. (72)Name of Inventor: 1)MAK John
Filing Date	:NA	

(57) Abstract:

NGL recovery from natural gas is achieved by processing the natural gas in a scrub column that operates at high pressure. A C3+ depleted vapor stream is generated from the vapor portion of partially condensed scrub column overhead and expanded to provide refrigeration for the vapor portion to so form a second reflux stream and the C3+ depleted vapor stream. The C3+ depleted vapor stream is then combined with another vapor portion of partially condensed column overhead to produce a lean liquefaction feed stream.

No. of Pages: 16 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND DEVICE FOR CONDUCTING A PURE TONE AUDIOMETRY SCREENING

(21) Application No.2932/DELNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/09/2012 :WO 2013/041538 :NA :NA	(71)Name of Applicant: 1)CONINX WITTGENS Karin Address of Applicant: Watzmannstrasse 8a 42699 Solingen Germany (72)Name of Inventor: 1)CONINX Frans
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

(19) INDIA

This invention relates to a method and device for conducting a pure tone audiometry using tones of different frequency and intensity utilizing an adaptive procedure. Tone signals with at least two different frequencies are being independently changed by delivering to test person a set of at least three different test stimuli those test stimuli being selected from a group of no tone at all one long tone with a first frequency and a multitude preferably three short tones of a second frequency said second frequency being higher than the first frequency receiving the test persons response said response corresponding to one of the different test stimuli. A next test stimulus is presented to the test person and is selected according to the correctness of the test persons last response.

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

(21) Application No.2506/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH TERRAVLENT METAL OXIDE

(51) International classification :A61K6/02,C03C3/076,C03C3/083

:WO 2013/053866

(31) Priority Document No :11185338.8 (32) Priority Date :14/10/2011

(32) Priority Date :14/10/2011(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/070222

No :PCI/E

Filing Date :11/10/2012

(87) International Publication

(61) Patent of Addition to
Application Number

NA

Filing Date

(62) Divisional to Application
Number
:NA
:NA
:NA

Filing Date

(71)Name of Applicant:

1)IVOCLAR VIVADENT AG

Address of Applicant :Bendererstrae 2 FL 9494 Schaan

Liechtenstein

(72)Name of Inventor:

1)RITZBERGER Christian

2)APEL Elke

3)H-LAND Wolfram

4)RHEINBERGER Volker

(57) Abstract:

The invention relates to lithium silicate glass ceramics and lithium silicate glasses which have a content in special oxides of tetravalent elements which crystallize at low temperatures and which are particularly suitable as dental materials.

No. of Pages: 26 No. of Claims: 22

(21) Application No.283/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SCREW IMPLANT WITH REPLACEMENT-HEAD FOR HEIGHT ADJUSTMENT AND SIMPLIFIED STORAGE

(51) International algorification	.A.C.1.C	(71)Nome of Amiliant.
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:20 2013	1)BIOMED EST.
•	006 276.2	Address of Applicant :AUSTRASSE 49, 9470 VADUZ
(32) Priority Date	:12/07/2013	LIECHTENSTEIN
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. STEFAN IHDE
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 to a screw implant, in particular a screw-type implant comprising a shaft, a threaded area for anchoring in the bone, a head having engagement surfaces or openings for the application of an insertion tool are formed in one piece, which are universally applicable for different heights, and also solve the problem of bone decline and unwanted visible metal sites.

No. of Pages: 11 No. of Claims: 9

(21) Application No.284/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DENTAL IMPLANT WITH ANGULATED HEAD AND BENDING ZONE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:20 2013 002300.7	(71)Name of Applicant: 1)BIOMED EST. Address of Applicant: AUSTRASSE 49, 9470 VADUZ LIECHTENSTEIN (72)Name of Inventor:
(86) International Application No	:NA	1)DR. STEFAN IHDE
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 to an endosseous dental implant with an implant body, consisting of a head, a neck or bending zone and a prosthetic platform or an abutment-equator with rotationally locking engagement surfaces present below the prosthetic platform or the abutment-equator, which can compensate for the greatest possible angular differences, without that the head can break off due to its morphology or change in the metal structure during use, or during the screwing-in phase of the implant.

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

(12) THE THE LIGHT OF TODE CHILD

(21) Application No.2936/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM FOR STEERING A FLYING OBJECT USING PAIRS OF LATERAL NOZZLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:20/09/2012 :WO 2013/041784 :NA :NA	(71)Name of Applicant: 1)MBDA FRANCE Address of Applicant: 37 bld de Montmorency F 75016 Paris France (72)Name of Inventor: 1)ROSSI Rinaldo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

System for steering a flying object using pairs of lateral nozzles. It comprises a gas generator (5) capable of being connected to lateral nozzles (7) via moveable plug devices (8) controlling the flow of gases coming from the generator through said nozzles. The lateral nozzles (7) are associated with at least one pair (PI P2 P3 P4) such that the nozzles of the pair are aligned in a given axis (Al) and arranged opposite to each other and between the two aligned nozzles of the pair a single controllable plug device (8) is provided connected to said generator (5) and capable of controlling the flow of gases through said nozzles (7) in both directions.

No. of Pages: 21 No. of Claims: 8

(21) Application No.2937/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : HIGH PERFORMANCE LAMINATED TAPES & RELATED PRODUCTS FOR BALLISTIC APPLICATIONS

(51) International classification :D03D15/00,D04H3/12,D04H3/04 (71)Name of Applicant : (31) Priority Document No 1)HONEYWELL INTERNATIONAL INC. :61/549004 Address of Applicant :Patent Services M/S AB/2B 101 (32) Priority Date :19/10/2011 (33) Name of priority country Columbia Road P. O. Box 2245 Morristown New Jersey 07962 :U.S.A. (86) International Application 2245 U.S.A. :PCT/US2012/059435 (72)Name of Inventor: No :10/10/2012 Filing Date 1)BHATNAGAR Ashok (87) International Publication 2)ARVIDSON Brian Duane :WO 2013/103415 No 3)ARDIFF Henry Gerard (61) Patent of Addition to 4)ARNETT Charles :NA **Application Number** 5)HURST David A. :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Highly uniform woven fibrous structures formed from fibrous tapes wherein the tapes constitute the warp and weft tapes of a woven fabric. The individual fibrous tapes may be woven or non woven and may be formed as narrow tapes or may be cut from a wider fabric web.

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

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INSTRUMENT REPROCESSOR AND INSTRUMENT REPROCESSING METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/10/2012 :WO 2013/059448 :NA :NA :NA	(71)Name of Applicant: 1)ETHICON INC. Address of Applicant: P.O. Box 151 U.S. Route 22 Somerville New Jersey 08876 U.S.A. (72)Name of Inventor: 1)NGUYEN Nick N. 2)BHAUMIK Ujjal 3)WILLIAMS Hal
Filing Date	:NA	

(21) Application No.2938/DELNP/2014 A

(57) Abstract:

An instrument reprocessor for cleaning disinfecting and/or sterilizing a medical instrument is disclosed. To reprocess instruments having one or more channels defined therein the reprocessor can include one or more flow control systems configured to control a flow of fluid through each channel. In various embodiments a flow control system can include a differential pressure sensor and a proportional valve for controlling the fluid flow in a channel. The reprocessor can also include one a fluid circulation pump which can be configured to supply the flow control systems with fluid and two a system for controlling the pressure of the fluid supplied to the flow control systems. The reprocessor can also include a system for supplying a metered amount of fluid to the fluid circulation system. The system can include a reservoir having a fluid height sensor to monitor the amount of fluid therein and a pump configured to supply the reservoir with fluid.

No. of Pages: 70 No. of Claims: 9

(21) Application No.2521/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HIGH DENSITY POLYETHYLENE FOR CAPS AND CLOSURES

(51) International

:C08L23/04,C08L23/08,C08L23/06

classification (31) Priority Document No

:11183480.0

(32) Priority Date (33) Name of priority country: EPO

:30/09/2011

(86) International Application :PCT/EP2012/069266

No Filing Date

:28/09/2012

:WO 2013/045663

No

(87) International Publication

(61) Patent of Addition to

:NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TOTAL RESEARCH & TECHNOLOGY FELUY

Address of Applicant : Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor:

1)RIBOUR David

2)STANDAERT Alain

3)SIRAUX Daniel

4)HORION Ludovic

5)LHOST Olivier

(57) Abstract:

The present invention relates to an improved high density polyethylene (HDPE) particularly adapted for the manufacture of caps and closures which may for example be used as screw on caps for carbonated or still drinks. Hence the present invention also relates to such caps and closures as well as to their use.

No. of Pages: 36 No. of Claims: 9

(21) Application No.2522/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD APPARATUS AND SYSTEM FOR CHOOSING A PARAMETER SETTING FROM A SET OF AVAILABLE PARAMETER SETTINGS

(51) International :H04W24/02,H04W92/00,H04W72/04

classification

(31) Priority Document No :13/237325 (32) Priority Date :20/09/2011 (33) Name of priority

:U.S.A. country

(86) International

:PCT/IB2012/054952 Application No

:18/09/2012 Filing Date

(87) International :WO 2013/042047 **Publication No**

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date (62) Divisional to :NA

Application Number :NA Filing Date

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant: S 164 83 Stockholm Sweden

(72)Name of Inventor: 1)GUEY Jiann Ching

(71)Name of Applicant:

2)HUI Dennis

(57) Abstract:

A system comprises a communication device that chooses a parameter setting from a set of available parameter settings (404 406). The system may include multiple communication devices (11a 11f) and each available parameter setting may have an associated cost. The communication device receive parameter setting information from one or more other communication devices in the system and the parameter setting information may identify the parameter setting being used by the one or more communication devices in the system. The communication device may choose a parameter setting that is associated with the lowest cost (408) based on the parameter setting information received from the one of more other communication devices (402) in the system.

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

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR PAGING OFF LINE STATE TERMINALS

:H04W68/00,H04W60/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1120151.4 (32) Priority Date :22/11/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/052779 Filing Date :08/11/2012

(87) International Publication No :WO 2013/076456

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)SCA IPLA HOLDINGS INC

1)ZAKRZEWSKI Robert

Address of Applicant :550 Madison Avenue New York New

York 10022 U.S.A. (72)Name of Inventor:

(57) Abstract:

A communications terminal is arranged to transmit data to and receive data from a mobile communications network. The mobile communications network including a radio network part having a plurality of base stations arranged to transmit data to and receive data from the communications terminal via a radio access interface and a core network part which includes at least one packet data network gateway which is arranged to route data to and receive data from the base stations of the radio network part. via the core network. A mobility manager is arranged to track a location of the communications terminal within the mobile communications network for routing the data to or receiving the data from the communications terminal via the radio network part in accordance with context information of the communications terminal and the mobile communications network includes a virtual mobility manager. The communications terminal is configured to transmit an indication that the communications terminal is entering an off line state the virtual mobility manager being configured in response to the indication that the communications terminal has entered the off line state to store at least part of the context information of the communications terminal upon a triggering event occurring to receive a paging message from the virtual mobility manager at the off line communications terminal and to establish with mobile communications network a communications bearer for communicating the data after the communications terminal has moved to an attached state. An improvement can be provided when the communications terminal enters the offline state because the location of each terminal is not tracked when changing designated tracking areas or a set of tracking areas and so paging can be coordinated by a higher level virtual mobility manager rather than a lower level mobility manager.

No. of Pages: 62 No. of Claims: 19

(21) Application No.2941/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: VULCANISABLE COMPOSITIONS BASED ON EPOXY GROUP CONTAINING NITRILE **RUBBERS**

(51) International classification :C08K5/36,C08L9/02,C08L19/00 (71)Name of Applicant: (31) Priority Document No :11290471.9

(32) Priority Date :11/10/2011 (33) Name of priority country :EPO

(86) International Application :PCT/EP2012/070065

No :10/10/2012 Filing Date

(87) International Publication :WO 2013/053761 No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

1)LANXESS DEUTSCHLAND GMBH

Address of Applicant : Kennedyplatz 1 50569 Kln Germany

(72)Name of Inventor: 1)BRANDAU Sven 2)MAGG Hans

3)WELLE Achim

(57) Abstract:

Filing Date

Novel vulcanisable compositions are provided based on nitrile rubbers that are optionally either partially or fully hydrogenated and contain epoxy groups special basic cross linking agents as well as cross linking accelerators whereby the use of conventional cross linking agents in particular sulphur is no longer necessary. The vulcanised materials produced as a result have very good compression sets at room temperature 100°C and 150°C and also have a high tensile stress with good ultimate elongations.

No. of Pages: 45 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ARRANGEMENT AND METHOD FOR COOLING AN ELECTRIC MACHINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:E01H :20115858 :01/09/2011 :Finland	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstrasse 44 CH 8050 Z1/4rich Switzerland
(86) International Application No Filing Date	:PCT/FI2012/050805 :23/08/2012	(72)Name of Inventor: 1)KANNINEN Pekka
(87) International Publication No (61) Patent of Addition to Application	:WO 2013/030444	2/22.20 (2.12.1.2.1.2.1.2.2.2.2.2.2.2.2.2.2.2.2.
Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	

(21) Application No.2511/DELNP/2014 A

(57) Abstract:

A method and an arrangement for cooling an electric machine comprising an electric machine (10) and at least one blower(20) connected to an axle (11) of the electric machine for blowing a cooling agent into the electric machine or for sucking it from the electric machine wherein said at least one blower(20) is a side channel blower.

No. of Pages: 14 No. of Claims: 13

(21) Application No.2512/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH TERRAVLENT METAL OXIDE

(51) International :A61K6/02,C03C3/083,C03C3/097

classification (21) Primity December No. 11195240.4

(31) Priority Document No :11185340.4 (32) Priority Date :14/10/2011 (33) Name of priority country :EPO

(86) International Application .DCT/ED2012

No :PCT/EP2012/070224

Filing Date :11/10/2012

(87) International Publication

No :WO 2013/053868

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant:

1)IVOCLAR VIVADENT AG

Address of Applicant :Bendererstrae 2 FL 9494 Schaan

Liechtenstein

(72)Name of Inventor:

1)RITZBERGER Christian

2)APEL Elke

3)H-LAND Wolfram

4)RHEINBERGER Volker

The invention relates to lithium silicate glass ceramics and lithium silicate glasses which have a content in special oxides of hexavalent elements which crystallize at low temperatures and which are particularly suitable as dental materials.

No. of Pages: 24 No. of Claims: 21

⁽⁵⁷⁾ Abstract:

(19) INDIA

(22) Date of filing of Application :31/03/2014

(21) Application No.2513/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: POWER GENERATING SYSTEM

(51) International classification	:F01K7/18,F01K21/00	(71)Name of Applicant :
(31) Priority Document No	:2011237185	1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
(32) Priority Date	:28/10/2011	Address of Applicant :1 1 Higashikawasaki cho 3 chome Chuo
(33) Name of priority country	:Japan	ku Kobe shi Hyogo 6508670 Japan
(86) International Application No	:PCT/JP2012/075685	(72)Name of Inventor :
Filing Date	:03/10/2012	1)SORIDA Katsushi
(87) International Publication No	:WO 2013/061743	2)INO Tatsuo
(61) Patent of Addition to Application	:NA	3)TAKAHASHI Yoshihisa
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a power generating facility for increasing heat utilization efficiency by recovering and utilizing heat from low temperature exhaust gas of not more than 150°C and increasing steam turbine generation. [Solution] In a power generating facility provided with heat exchangers (61 62) for heat exchange between a heat medium and water and a vacuum flasher (63) that supplies steam to a vacuum stage of a steam turbine (41) the amount of generated power is increased by supplying the heat medium to the heat exchangers (61 62) so as to generate water fluid with a temperature exceeding the water boiling point under vacuum in the vacuum stage supplying the water fluid to the vacuum flasher (63) so as to produce steam under the vacuum of the vacuum stage and feeding the steam to the vacuum stage of the steam turbine (41).

No. of Pages: 30 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application: 14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: POLYMER BONDED VAT DYES

(51) International :C09B69/10,C09D11/00,G07D7/00 classification

:NA

(31) Priority Document No :PCT/EP2011/069884

(32) Priority Date :10/11/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/071882

No

:06/11/2012 Filing Date

(87) International Publication

:WO 2013/068324

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant: 1)SICPA HOLDING SA

Address of Applicant : Av. de Florissant 41 CH 1008 Prilly

Switzerland

(72)Name of Inventor:

1)MARGUERETTAZ Xavier

(21) Application No.2946/DELNP/2014 A

2)PASQUIER Ccile

3)FANKHAUSER Catherine 4)COMMEUREUC Aurlien

5)TILLER Thomas 6)WYSS Patrick

7) CHRISTINAT Alexia 8) GRIVEL Aurlie

9) CHILLAT Philippe

(57) Abstract:

The invention concerns a vat dye that is covalently bonded to a polymeric moiety. The invention further concerns a process for making such a vat dye and the use thereof in a composition for dying textiles or for printing which can be used in particular for making marking or security features. According to a preferred embodiment the polymeric moiety increases at least one of the solubility and the dispersibility of the vat dye in a polar solvent medium.

No. of Pages: 41 No. of Claims: 43

(21) Application No.2948/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR CONTACTLESS MEASUREMENT OF A RELATIVE POSITION BY MEANS OF A HALL SENSOR

(51) International classification :G01D5/14,G01D5/244 (71)Name of Applicant : 1)TYCO ELECTRONICS AMP GMBH (31) Priority Document No :102011115302.4 Address of Applicant : Amperestrasse 12 14 64625 Bensheim (32) Priority Date :29/09/2011 (33) Name of priority country Germany :Germany (86) International Application No :PCT/EP2012/068842 (72)Name of Inventor: Filing Date :25/09/2012 1)SCHAAF Oliver (87) International Publication No :WO 2013/045430 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a method for contactless measurement of a relative position of a magnetic field source (102) which produces a magnetic field and a magnetic field sensor (100) in relation to each other. The present invention also further relates to a corresponding displacement sensor. According to the present invention the magnetic field sensor (100) detects at least two spatial components (Bz By) of the magnetic field and a position signal is produced from the measured components. The method comprises the following steps: calculating the position signal based on a quotient of the two magnetic field components; correcting before the quotient is calculated the magnetic field component which extends in a movement direction between the magnetic field source (102) and the magnetic field sensor (100).

No. of Pages: 26 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publicat

(43) Publication Date: 13/03/2015

(21) Application No.2949/DELNP/2014 A

(54) Title of the invention: ELECTRONIC DEVICE

(51) International classification	:H05K5/00	(71)Name of Applicant:
(31) Priority Document No	:10 2011 084 108.3	1)TYCO ELECTRONICS AMP GMBH
(32) Priority Date	:06/10/2011	Address of Applicant : Amperestrasse 12 14 64625 Bensheim
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/069055	(72)Name of Inventor:
Filing Date	:27/09/2012	1)BORMUTH Alex
(87) International Publication No	:WO 2013/050289	2)ZAPF Joachim
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electronic device comprises a housing which only has precisely one opening (130) through which an inner space of the housing is accessible. A covering plate (200) is arranged in the opening an electrically conductive contact pin (210 220) extending through the covering plate into the inner space of the housing.

No. of Pages: 24 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : PROCESS FOR PRODUCING BOTH BIOBASED SUCCINIC ACID AND 2 5 FURANDICARBOXYLIC ACID

(51) International :C07C51/42,C07C55/10,C07D307/46

classification .co/cs1/42,co/cs3/10,co

(31) Priority Document No :61/529430 (32) Priority Date :31/08/2011

(33) Name of priority :U.S.A.

country :U.S.P

(86) International :PCT/US2012/052641
Application No :PCT/US2012/052641

Filing Date :28/08/2012

(87) International Publication No :WO 2013/033081

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)THE UNIVERSITY OF KANSAS

Address of Applicant :245 Strong Hall 1450 Jayhawk

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(72)Name of Inventor:
1)SUBRAMANIAM Bala

2)ZUO Xiaobin 3)BUSCH Daryle H.

4) VENKITASUBRAMANIAM Padmesh

(57) Abstract:

A process is provided for carrying out an oxidation on a feed including levulinic acid and/or a levulinic acid oxidation precursor to succinic acid one or more furanic oxidation precursors of 2.5 furandicarboxylic acid and a catalytically effective combination of cobalt manganese and bromide components for catalyzing the oxidation of the levulinic acid component and of the one or more furanic oxidation precursors to produce both succinic acid and 2.5 furandicarboxylic acid products which process comprises supplying the feed to a reactor vessel supplying an oxidant reacting the levulinic acid component and the one or more furanic oxidation precursors with the oxidant to produce both succinic acid and 2.5 furandicarboxylic acid (FDCA) and then recovering the succinic acid and FDCA products. A crude dehydration product from the dehydration of fructose glucose or both including 5 hydroxymethylfurfural can be directly oxidized by the process to produce 2.5 furandicarboxylic acid and succinic acid.

No. of Pages: 35 No. of Claims: 12

(21) Application No.2318/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

$(54) \ Title \ of the invention: SPRAY \ OXIDATION \ PROCESS \ FOR \ PRODUCING \ 2.5 \ FURANDICARBOXYLIC \ ACID \ FROM \ HYDROXYMETHYLFURFURAL$

(51) International classification :B01J19/26,B01J4/00,B01J2/02 (71)Name of Applicant : (31) Priority Document No 1)ARCHER DANIELS MIDLAND COMPANY :61/529425 (32) Priority Date Address of Applicant :4666 Faries Parkway Decatur IL 62526 :31/08/2011 (33) Name of priority country :U.S.A. (86) International Application No: PCT/US2012/052600 2)THE UNIVERSITY OF KANSAS Filing Date :28/08/2012 (72)Name of Inventor: (87) International Publication No: WO 2013/033058 1)ZUO Xiaobin (61) Patent of Addition to 2)SUBRAMANIAM Bala :NA Application Number 3)BUSCH Daryle :NA Filing Date 4) VENKITAUBRAMANIAM Padmesh (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A process is provided for carrying out an oxidation on a sprayable feed including a furanic substrate to be oxidized and a catalytically effective combination of cobalt manganese and bromide components for catalyzing the oxidation of the furanic substrate which process comprises spraying the feed into a reactor vessel as a mist supplying an oxidant reacting the furanic substrate and the oxidant and managing the exothermic temperature rise due to the reaction through a selection and control of the operating pressure within the reactor vessel. A crude dehydration product from the dehydration of fructose glucose or both including 5 hydroxymethylfurfural can be directly oxidized by the process to produce 2 5 furandicarboxylic acid in surprisingly increased yields.

No. of Pages: 36 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: A SURGICAL SUTURE APPARATUS

(51) International :A61B17/04,A61B17/29,A61B17/06 classification

(31) Priority Document No :2007318 (32) Priority Date :30/08/2011 (33) Name of priority country: Netherlands

(86) International :PCT/NL2012/050593

Application No

:30/08/2012 Filing Date

(87) International Publication :WO 2013/032329

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)MELLON MEDICAL B.V.

Address of Applicant :52 Jonkerbosplein NL 6534 AB

Nijmegen Netherlands (72)Name of Inventor: 1)HOLWERDA Tako Jan

(57) Abstract:

The invention relates to a surgical suture apparatus (1) for open and/or endoscopic surgery configured to pass a double ended surgical needle (100) backwards and forwards between a first jaw element (2) and a second jaw (3) element the jaw elements each comprising a holding device (5 6)to hold a respective needle end of the surgical needle wherein the first and/or second jaw element are biased to an open position with a first biasing force. The apparatus further comprises an operating device (13) to operate the first and second holding devices wherein the operating device comprises a first operating organ (14) biased in the normal position by one or more second spring elements (20) with a second biasing force wherein the first biasing force is smaller than the second biasing force such that exerting an actuation force on the first operating organ first results in movement of the first and second jaw element towards each other and subsequently in actuation of the operating device.

No. of Pages: 32 No. of Claims: 21

(21) Application No.2954/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SAFE INTERACTION OF A USER WITH A SMART UTILITY METER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Principles of Application Number 	:26/09/2012 :WO 2013/045923 :NA :NA	(71)Name of Applicant: 1)ITRON METERING SOLUTIONS UK LTD. Address of Applicant: Langer Road Felixtowe Ipswich IP11 2ER U.K. (72)Name of Inventor: 1)Field Anthony
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for enabling a user to safely interact with a smart utility meter (1) comprising the following steps: Transmission by said user of a command signal from a remote handheld electronic device (2) through a short range wireless optical communication link (3) between optical transmitting means (20) provided on said handheld electronic device (2) and optical receiving means (11) provided on said smart utility meter (1); Reception of said command signal on said optical receiving means (11).

No. of Pages: 11 No. of Claims: 12

(21) Application No.2412/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CONTROL AND POSITIONING SYSTEM FOR THE EXCHANGE OF WEAR LINING ELEMENTS ON A WALL SUBJECT TO WEAR

(51) International :G01B11/27,B02C17/22,B25J19/04

classification .GOIDT1/27,B02C17/22,E

(31) Priority Document No :11508058 (32) Priority Date :08/09/2011 (33) Name of priority country :Sweden

(86) International Application :PCT/SE2012/050941

No :05/09/2012

Filing Date

(87) Intermetional Publication

(87) International Publication :WO 2013/036194

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)METSO MINERALS (SWEDEN) AB

Address of Applicant :P.O. Box 132 S 231 22 Trelleborg

Sweden

(72)Name of Inventor: 1)M–LLER Tage

2)FURTENBACH Lars

3) JOHANSSON Dennis

(57) Abstract:

The invention concerns a control and positioning system for the indication of the mounting position of an exchangeable wear lining element (10) at a surface at a wall (2) that is subject to wear which may be constituted by for example the inner surface of a rotating drum (1) at an ore grinder and where the wear lining element is supported at the free end of a manoeuvrable arm that is a component of a lifting arrangement (14) that is controlled during the handling of the wear lining element during a mounting operation by a crane operator (5) whereby the wall is provided with a set of mounting holes (21) and the wear lining element is equipped on its lower surface with a set of attachment means (17) whereby the wear lining element is intended to be tightened against the surface by means of supplementary attachment means (17) that are introduced through the mounting holes. The system comprises for efficient and safe mounting: a first reference system (Rv) formed by the mounting holes (21) of the wall (2) a second reference system (Rs) formed by the attachment means (17) located on the lower surface of the wear lining element (10) a two dimensional sensor (31 31) that is arranged to be stationary at the outer surface of the wall (2) i.e. on the opposite side of the wall of the mounting surface to that which is exposed to wear in such a manner that the field of view of the sensor contains the lower surface of the wear lining element (10) viewed through the mounting holes (21) whereby the sensor is arranged to transmit an electrical signal that represents an image of the relative position between the two reference systems (Rv Rs) and with the guidance of which image the mounting position of the wear lining element (10) at the wall can be determined by the crane operator (5).

No. of Pages: 24 No. of Claims: 11

(21) Application No.2957/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: INTRODUCTION OF MESOPOROSITY INTO LOW SILICA ZEOLITES

(51) International

:C01B39/02,C01B33/12,B01J35/10

classification

(31) Priority Document No (32) Priority Date

:61/586493 :13/01/2012

(33) Name of priority country: U.S.A. (86) International Application

No

:PCT/US2013/021420

Filing Date

:14/01/2013

(87) International Publication

:WO 2013/106816

No

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)RIVE TECHNOLOGY INC.

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Massachusetts 02109 U.S.A. (72)Name of Inventor:

1)LI Kunhao

2)GARCIA MARTINEZ Javier

3)BEAVER Michael G.

(57) Abstract:

Mesoporous X and A zeolites and methods for production thereof are disclosed herein. Such mesoporous zeolites can be prepared by contacting an initial zeolite with an acid in conjunction with a mesopore forming agent. The initial zeolite can have a framework silicon to aluminum content in the range of from about 1 to about 2.5. Additionally such mesoporous zeolites can have a total 20 to 135 diameter mesopore volume of at least 0.05 cc/g.

No. of Pages: 44 No. of Claims: 41

(21) Application No.2958/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MIXED METAL OXIDE CATALYSTS

(51) International classification :B01J21/08,B01J23/00,B01J23/887

:WO 2013/043371

(31) Priority Document No :13/200219 (32) Priority Date :21/09/2011

(86) International Application :PCT/US2012/053794

No :05/09/201

(33) Name of priority country: U.S.A.

Filing Date :05/09/2012

(87) International Publication

No (61) Patent of Addition to :NA

Application Number Filing Date :NA

(62) Divisional to Application
Number
:NA
:NA

Filing Date

(71)Name of Applicant:

1)INEOS USA LLC

Address of Applicant :3030 Warrenville Road Suite 650 Lisle

Illinois 60532 U.S.A. (72)Name of Inventor:

1)BRAZDIL James F. 2)TOFT Mark A.

3)MCKENNA Stephen T.

(57) Abstract:

Catalytic compositions are provided that are effective for providing increased acrylonitrile product without a significant decrease in hydrogen cyanide and/or acetonitrile production and provide an overall increase in production of acrylonitrile hydrogen cyanide and acetonitrile. The catalytic compositions include a complex of metal oxides and include at least about 15% monoclinic (m) scheelite phase plus tetragonal (t) scheelite phase by weight and have a weight ratio of m phase to m phase plus t phase of 0.45 or greater.

No. of Pages: 20 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :15/04/2014

(21) Application No.2960/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: SYSTEM OF VERTICAL AND HORIZONTAL MOVEMENT OF THE TRANSPORT CABIN IN A ELEVATOR TRANSLATOR PLANT FOR THE OVERCOMING OF OBSTACLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:TV2011A000126 :22/09/2011 :Italy	(71)Name of Applicant: 1)PEDARCO INTERNATIONAL LIMITED Address of Applicant: 6/F Alexandra House 18 Chater Road Central Hong kong Hongkong(China) (72)Name of Inventor: 1)SCOMPARIN Tarcisio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Handling system of a cabin of transportation (20) movable along a U portal (10) of the overhead type that connects two stations of departure (A) and arrival (B) which includes columns (11 12 1 3 14) and guide beams (1 5 1 6) to which the said cabin (20) is bound by means of slide means (200) apt to make the horizontal movement with respect to the guide beams (15 1 6) with carriage means (300) apt to perform the vertical movement with respect to the guide columns (11 12 13 14) said carriage means (300) being of the type engageable with said slide means (200) to accomplish said vertical movement with respect to the guide columns (11 12 1 3 14) said cabin (20) moved in the vertical and horizontal way by a closed ring chain (100) to which is bound the slide (200) said chain (100) driven by a motor (110).

No. of Pages: 32 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :27/03/2014

(21) Application No.2394/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : DISTRIBUTED POWER CONDITIONING WITH DC DC CONVERTERS IMPLEMENTED IN HETEROGENEOUS INTEGRATED CIRCUIT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (37) International Application No Filing Date (37) International Application No Filing Date (38) International Publication No (39) Filing Date (39) International Publication No (39) Filing Date (39) International Publication No (31) Priority Document No (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Address of Applicant: (37) Name of Applicant: (37) Name of Applicant: (30) Priority Document No (31) Priority Document No (32) Priority Date (33) Name of priority: (34) U.S.A. (35) Name of Inventor: (37) Name of Applicant: (38) Wint (37) Name of Applicant: (38) Wint (37) Name of Applicant: (39) Wint (39) Name of Applicant: (49) U.S.A. (72) Name of Inventor: (72) Name of Applicant: (71) Name of Applicant: (71) Name of Applicant: (72) Name of Applicant: (72) Name of Inventor: (72) Name of Inventor: (72) Name of Inventor: (72) Name of Applicant: (73) Name of Applicant: (74) Name of Applicant: (74) Name of Applicant: (74) Name of Applicant: (74) Name of Applicant: (75) Name of Applicant: (72) Name of Inventor: (73) Name of Inventor: (74) Name of Inventor: (74) Name of Inv	er Street Waltham MA 02451
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(57) Abstract:

A flat panel active electronically scanned array (AESA) (1) includes heterogeneous integrated circuit DC DC voltage converters (3) periodically placed on array elements (2). A heterogeneous integrated circuit (100 400 500 600) includes a voltage converter (101) configured to receive an input voltage (Vi) and to convert the input voltage to an output voltage (Vo) that is different from the input voltage the voltage converter (101) comprising an analog and/or digital PWM circuit (104). The heterogeneous integrated circuit (100 400 500 600) also includes a feedback circuit (103) configured to receive the output voltage (Vo) and to generate a control signal used to vary a pulse width of a PWM signal generated by the analog and/or digital PWM circuit (104). The digital PWM circuit (104) is implemented in a heterogeneous integrated circuit (100 400 500 600) fabricated on a common substrate (606) using CMOS and GaN fabrication processes.

No. of Pages: 29 No. of Claims: 17

(21) Application No.2395/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : MICROORGANISMS AND METHODS FOR PRODUCING ACRYLATE AND OTHER PRODUCTS FROM HOMOSERINE

(51) International classification :C12P7/40,C12P7/52,C12P7/42 (71)Name of Applicant : (31) Priority Document No 1)THE PROCTER & GAMBLE COMPANY :61/543511 (32) Priority Date Address of Applicant :One Procter & Gamble Plaza Cincinnati :05/10/2011 (33) Name of priority country OH 45202 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/058826 (72)Name of Inventor: Filing Date :05/10/2012 1)XU Jun (87) International Publication No :WO 2013/052717 2)SAUNDERS Charles Winston (61) Patent of Addition to 3) GREEN Phillip Richard :NA Application Number 4)VELASQUEZ Juan Esteban :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

This invention relates to microorganisms that convert a carbon source to acrylate or other desirable products using homoserine and 2 keto 4 hydroxybutyrate as intermediates. The invention provides genetically engineered microorganisms that carry out the conversion as well as methods for producing acrylate by culturing the microorganisms. Also provided are microorganisms and methods for converting homoserine to 3 hydroxypropionyl CoA 3 hydroxypropionate (3HP) poly 3 hydroxypropionate and 1 3 propanediol.

No. of Pages: 237 No. of Claims: 15

(21) Application No.2963/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

:NA

(54) Title of the invention: INTERRUPTER MODULE WITH FLOATING PROTECTION FOR DRIVE PINS

:H01H73/04,H01H1/20 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SCHNEIDER ELECTRIC USA INC. :13/237323 (32) Priority Date :20/09/2011 Address of Applicant: 1415 S. Roselle Road Palatine Illinois (33) Name of priority country :U.S.A. 60067 U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/055739 Filing Date :17/09/2012 1)KOSYANCHUK Elena G. (87) International Publication No :WO 2013/043535 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

An interrupter module for a molded case circuit breaker has a floating antifriction disc (23) between the module casings (12) and the blade carrier (15) which overlays the blade carrier with rim walls of the disc. The rim walls are located at segments of the disc containing the drive pins (13) of the module. If gases from circuit interruption expand the interrupter module sides and force the disc away from the blade carrier the rim walls remain over the blade carrier and protect the drive pins from contaminants carried by the gases.

No. of Pages: 17 No. of Claims: 12

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 13/03/2015

:NA

(54) Title of the invention: ROR GAMMA MODULATORS

(51) International classification (31) Priority Document No :11007610.6 (32) Priority Date :19/09/2011 :EPO

(33) Name of priority country

(86) International Application No :PCT/EP2012/068332 Filing Date :18/09/2012 :WO 2013/041519

(87) International Publication No (61) Patent of Addition to Application

:NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:A61K31/575,A61P3/10 (71)Name of Applicant :

(21) Application No.2964/DELNP/2014 A

1)ETH ZRICH

Address of Applicant : Rmistrasse 101 / ETH Transfer CH

8092 Z1/4rich Switzerland (72)Name of Inventor: 1)WOLFRUM Christian

2)CARREIRA Erick

3)MEISSBURGER Bettina

(57) Abstract:

(19) INDIA

The present invention relates to compounds of formula I or a pharmaceutically acceptable salt thereof for use in the treatment or prevention suppression or amelioration of a disease mediated by the ROR gamma receptor in a subject in need thereof in particular diabetes and diabetes related disorders specifically type II diabetes methods of their production as well as methods of treatment or prevention of such diseases.

No. of Pages: 76 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONTROL AND PROTECTION FOR PARALLEL UNINTERRUPTIBLE POWER SUPPLIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:17/09/2012 :WO 2013/043551 :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant:132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)BEG Mirza Akmal 2)DEMISSIE Eyob 3)CHENNAKESAVAN Venkatraman 4)INGEMI Michael J.
- 10	:NA :NA :NA	4)INGEMI Michael J.

(57) Abstract:

According to one aspect embodiments of the invention provide a method of operating a UPS system having a first UPS and a second UPS coupled in parallel to provide output power to a load from a power source each of the first UPS and the second UPS having an inverter and having a bypass switch with each UPS configured to operate in one of an inverter mode in which output power is derived from the power source through the inverter and a bypass mode in which output power is derived from the power source bypassing the inverter the method comprising powering on the first UPS and the second UPS in the inverter mode of operation designating one of the first UPS and the second UPS as a master UPS and controlling the bypass switch of the first UPS and the bypass switch of the second UPS using the master UPS.

No. of Pages: 44 No. of Claims: 20

(21) Application No.2628/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH PRESSURE PUMP

(51) International classification	:F16J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CONTINENTAL AUTOMOTIVE GmbH
(32) Priority Date	:NA	Address of Applicant: Vahrenwalder Strae 9, 30165 Hannover,
(33) Name of priority country	:NA	Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHAT UDAY
(87) International Publication No	: NA	2)KULZER STEFAN
(61) Patent of Addition to Application Number	:NA	3)MAGADIBYREDEVARU THEJESH KUMAR
Filing Date	:NA	4)OLIK MARCIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

High Pressure Pump A high pressure pump (1) for the delivery of a fluid comprises a pump housing (5) with a housing cavity (7) and a longitudinal axis (9), a piston (10) being axially movable within the housing cavity (7), a seal (15) being arranged radially outside of the piston (10), so that a first part (17) of the housing cavity (7) is sealed fluid-tight to a second part (19) of the housing cavity (7), wherein the first part (17) of the housing cavity (7) comprises a chamber (20), which is connected to the seal (15), a thermal spacer (30), being arranged in the chamber (20) and being designed to build a thermal barrier between the fluid and the seal (15).

No. of Pages: 14 No. of Claims: 6

(21) Application No.2969/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PARALLEL CONTROL AND PROTECTION FOR UPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:17/09/2012 :WO 2013/043549 :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant:132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)BEG Mirza Akmal 2)DEMISSIE Eyob 3)CHENNAKESAVAN Venkatraman 4)INGEMI Michael J.
• •	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to one aspect embodiments of the invention provide a method of operating a UPS system having a first UPS the method comprising powering on the first UPS detecting a first signal at a first I/O of the first UPS using a first detection circuit of the first UPS detecting a second signal at a second I/O of the first UPS using a second detection circuit of the first UPS based on a status of the first signal and a status of the second signal configuring the first UPS to operate in one of a master mode of operation and a controlled mode of operation.

No. of Pages: 44 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FAULT DETECTION FOR PARALLEL INVERTERS SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:17/09/2012 :WO 2013/043550 :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant: 132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)BEG Mirza Akmal
(61) Patent of Addition to Application		
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2970/DELNP/2014 A

(57) Abstract:

According to one aspect embodiments of the invention provide a method of operating a UPS system having a first UPS and a second UPS the method comprising coupling at least one control line between the first UPS and the second UPS to operate the first UPS and the second UPS in a parallel mode of operation providing output power from each of the first UPS and the second UPS to a load detecting a fault condition in the UPS system decoupling the at least one control line operating the first UPS in a diagnostic mode of operation and determining if the fault condition is associated with the first UPS.

No. of Pages: 43 No. of Claims: 20

(21) Application No.2971/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELEVATOR BRAKING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/US2011/055222 :07/10/2011 :WO 2013/052059 :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road Farmington Connecticut 06032 U.S.A. (72)Name of Inventor: 1)BILLARD Justin 2)PIECH Zbigniew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A braking system for an elevator system includes two or more braking surfaces located at an elevator car and frictionally engageable with a rail of an elevator system. One or more actuators are located at the elevator car and are operably connected to at least one braking surface of the two or more braking surfaces. The one or more actuators are configured to urge engagement and/or disengagement of the at least one braking surface with the rail to stop and/or hold the elevator car during operation of the elevator system. One or more braking guides are located at the elevator car to maintain a selected distance between the two or more braking surfaces and the rail.

No. of Pages: 21 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :15/04/2014

(21) Application No.2972/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ENCAPSULATION BARRIER STACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B32B7/04,H05B33/04 :61/550764 :24/10/2011 :U.S.A. :PCT/SG2012/000402 :24/10/2012 :WO 2013/062486	(71)Name of Applicant: 1)TERA BARRIER FILMS PTE LTD Address of Applicant: 3 Research Link Singapore 117602 Singapore 2)AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH (72)Name of Inventor:
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	1)RAMADAS Senthil Kumar 2)SHANMUGAVEL Saravan
Filing Date	:NA	

(57) Abstract:

Disclosed is an encapsulation barrier stack capable of encapsulating a moisture and/or oxygen sensitive article and comprising a multilayer film wherein the multilayer film comprises: one or more barrier layer(s) having low moisture and/or oxygen permeability and one or more sealing layer(s) arranged to be in contact with a surface of the at least one barrier layer thereby covering defects present in the barrier layer wherein the one or more sealing layer(s) comprise(s) a plurality of encapsulated nanoparticles the nanoparticles being reactive in that they are capable of interacting with moisture and/or oxygen to retard the permeation of moisture and/or oxygen through the defects present in the barrier layer. The encapsulation of the particles can be obtained by polymerising a polymerisable compound (a monomeric or a polymeric compound with polymerisible groups or) cross linking a cross linkable compound on the surface of the reactive nanoparticles.

No. of Pages: 72 No. of Claims: 77

(19) INDIA

(22) Date of filing of Application :09/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ORIENTATION OF DISPLAY RENDERING ON A DISPLAY BASED ON POSITION OF USER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA :NA	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant: 2200 MISSION COLLEGE BLVD., SANTA CLARA, CA 95054, USA U.S.A.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)JOTHISWARAN, GANGATHARAN
(87) International Publication No	: NA	2)GUPTA, RAM MOHAN
(61) Patent of Addition to Application Number	:NA	3)KRISHNASWAMY, PRASANNA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus, computer-readable storage medium, and method associated with orienting a display image are described. In embodiments, a computing device may include a display to render the display image and a display orientation module coupled with the display. In embodiments the display orientation module may receive audio input from a user of the computing device and determine a position of the user relative to the display, based on the audio input. In embodiments, the display orientation module may further either orient the display image in accordance with the position of the user or output a result of the determination for use to orient the display image in accordance with the position of the user. Other embodiments may be described and/or claimed.

No. of Pages: 30 No. of Claims: 25

(21) Application No.2976/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: A METHOD FOR REDUCING AGGLOMERATION IN GYPSUM PLASTER OR FILLING COMPOSITIONS COMPRISING CELLULOSE ETHER

(51) International :C04B24/38,C04B28/14,C04B40/00

classification

(31) Priority Document No :61/568899 (32) Priority Date :09/12/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/067752

No :04/12/2012 Filing Date

(87) International Publication: WO 2013/085897

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

(72)Name of Inventor: 1)NEUBAUER Joerg

2)SCHARLEMANN Sonja

(57) Abstract:

The present invention relates to a method for providing modified gypsum plaster or filling compositions having reduced agglomeration in comparison to gypsum plaster or filling compositions comprising cellulose ether in a specific amount from 0.1 to 1.0 weight percent based on the total dry weight of said composition. Also provided are dry mortars comprising cellulose ether gelatin and gypsum for use in such methods and gypsum free mixtures comprising cellulose ether and gelatin which may be added to gypsum binder for use in such methods.

No. of Pages: 19 No. of Claims: 11

(21) Application No.2977/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD FOR PROVIDING MODIFIED CEMENT COMPOSITIONS DRY MORTARS AND CEMENT FREE MIXTURES

(51) International classification :C08L1/26,C08L25/10,C08L31/04 (71)Name of Applicant: (31) Priority Document No 1)DOW GLOBAL TECHNOLOGIES LLC :61/568909 (32) Priority Date Address of Applicant :2040 Dow Center Midland MI 48674 :09/12/2011 (33) Name of priority country :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/067756 No 1)SCHARLEMANN Sonja :04/12/2012 Filing Date 2)NEUBAUER Joerg (87) International Publication :WO 2013/085900 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention relates to methods for providing modified cement compositions having increased slip resistance and/or a decreased setting time in comparison to cement compositions comprising from 1 to 10 weight percent redispersible polymer powder (RDP) and water soluble cellulose ether in a specific amount from 0.1 to 1.0 weight percent based on the total dry weight of said composition. Also provided are dry mortars comprising cement RDP water soluble cellulose ether and one or more additives selected from gelatin bentonite and combinations thereof for use in such methods and cement free mixtures comprising water soluble cellulose ether and one or more additives selected from gelatin bentonite and combinations thereof which may be added to cement binder for use in such methods.

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

(21) Application No.2978/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH FREQUENCY HEAT TREATMENT COIL OUTER SIDE JOINT MEMBER FOR CONSTANT VELOCITY UNIVERSAL JOINT AND CONSTANT VELOCITY UNIVERSAL JOINT

(51) International classification :H05B6/36,F16D3/20,F16D3/205 (71)Name of Applicant: (31) Priority Document No :2011242399 1)NTN CORPORATION (32) Priority Date Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku :04/11/2011 (33) Name of priority country Osaka shi Osaka 5500003 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2012/078459 1)SHIMASAWA Takeshi :02/11/2012 Filing Date 2)SUZUKI Shintaro (87) International Publication 3)TOKUDA Atsushi :WO 2013/065818 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided are: a high frequency heat treatment coil that can be assembled with high dimension precision and to which high quality heat treatment can be applied; a method of manufacturing such a high frequency heat treatment coil; a constant velocity universal joint to which high quality heat treatment is applied; and a drive shaft and a propeller shaft using such a constant velocity universal joint. The method of manufacturing a high frequency heat treatment coil provided with heating sections (71a 71b 71c) for heating portions of an outer side joint member (51) for the constant velocity universal joint that are to be subjected to heating wherein the heating sections (71a 71b 71c) are formed by machining in an integrated manner and the high frequency heat treatment coil is completed by joining these heating sections (71a 71b 71c) with the other sections.

No. of Pages: 54 No. of Claims: 14

(21) Application No.2942/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING OVERCHARGE PROTECTION IN CAPACITIVE COUPLED BIOMEDICAL ELECTRODES

(51) International :H01B1/24,A61B5/0408,H01B3/00

(31) Priority Document No :13/272545 (32) Priority Date :13/10/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/059654

No :11/10/2012 Filing Date

(87) International Publication

No :WO 2013/055857

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)FLEXCON COMPANY INC.

Address of Applicant: 1 Flexcon Industrial Park Spencer MA

01562 U.S.A.

(72)Name of Inventor :1)BURNHAM Kenneth2)SKOV Richard

3)TOMAS Stephen

(57) Abstract:

An alternating electric field responsive biomedical composite is disclosed that provides capacitive coupling through the composite. The biomedical composite includes a binder material a polar material that is substantially dispersed within the binder material and electrically conductive particles within the binder material. The polar material is responsive to the presence of an alternating electric field and the electrically conductive particles are not of sufficient concentration to form a conductive network through the composite unless and until the composite becomes overcharged.

No. of Pages: 47 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DELIVERING OCULAR IMPLANTS INTO THE EYE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61F2/14 :13/330592 :19/12/2011 :U.S.A. :PCT/US2012/070626 :19/12/2012 :WO 2013/096453	(71)Name of Applicant: 1)IVANTIS INC. Address of Applicant: 38 Discovery Suite 150 Irvine CA 92618 U.S.A. (72)Name of Inventor: 1)WARDLE John 2)SCHIEBER Andrew T.
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(87) International Publication No	:WO 2013/096453	2)SCHIEBER Andrew T.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2943/DELNP/2014 A

(57) Abstract:

A method of deploying an ocular implant into Schlemm's canal of an eye. The method includes the steps of inserting a distal end of a cannula through a cornea of the eye and into an anterior chamber of the eye the cannula having a distal opening extending from the distal end and through a side wall; placing the distal opening of the cannula into fluid communication with Schlemm's canal; advancing the ocular implant distally through the cannula with a delivery tool engaged with the ocular implant a proximal portion of the ocular implant engaging the delivery tool proximal to a distal portion of the delivery tool; and disengaging the ocular implant and the delivery tool when the proximal portion of the ocular implant reaches the cannula distal opening. The invention also includes a system for practicing the method.

No. of Pages: 104 No. of Claims: 85

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONNECTOR HOUSING

(62) Divisional to Application Number :NA Filing Date :NA		:01/10/2012 :WO 2013/050321 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS AMP ITALIA SRL Address of Applicant: Corso Frateli Cervi N.15 Collegno I 10093 Torino Italy (72)Name of Inventor: 1)BRICCARELLO Alessandro
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(21) Application No.2944/DELNP/2014 A

(57) Abstract:

The present invention relates to a socket housing and to a plug housing for use in an electrical connector. A connection face of the socket housing has a recess at the base of which one or more guide cones are formed which connect the outer surface of the connection face to one or more corresponding insertion channels in which the electrical contacts of the socket housing are housed. The plug housing includes a protrusion on which the contact pins are arranged. The protrusion is shaped in section such that it can enter the recess in the connection face of the socket housing. Since the connection pins are not formed directly on a connection face of the socket housing but on the protrusion even pins having a length shorter than that of conventional pins can easily reach the electrical contacts in the socket housing and can establish a reliable electrical connection.

No. of Pages: 22 No. of Claims: 15

(21) Application No.2981/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : RECONFIGURABLE MIXING BAFFLE FOR STATIC MIXER AND METHOD FOR MAKING A STATIC MIXER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/553575 :31/10/2011 :U.S.A. :PCT/US2012/061835 :25/10/2012 :WO 2013/066709 :NA :NA	(71)Name of Applicant: 1)NORDSON CORPORATION Address of Applicant: 28601 Clemens Road Westlake OH 44145 1119 U.S.A. (72)Name of Inventor: 1)PAPPALARDO Matthew E.
Filing Date	:NA	

(57) Abstract:

A mixing baffle (10) for mixing a fluid flow in a static mixer (16) includes a mixing element support structure (30) extending along a longitudinal direction and a first set of moveable mixing elements (34) coupled to the mixing element support structure (30). The first set of moveable mixing elements (34) is formed in a first configuration and moves to a second configuration when the mixing baffle (10) is inserted into a tubular conduit (14). In the second configuration the first set of moveable mixing elements (34) is optimized for mixing fluids and defines a plurality of undercuts that are difficult to mold. The mixing baffle (10) may also include a second set of stationary mixing elements (42) that interlace with the first set of moveable mixing elements (34) when the first set of moveable mixing elements (34) moves to the second configuration.

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

(21) Application No.2629/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH PRESSURE PUMP

(51) International classification :F16 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(72)Name of Inventor: 1)BHAT UDAY
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(57) Abstract:

High pressure pump A high pressure pump (1) for the delivery of a fluid comprises: - a pump housing (5) with a longitudinal axis (9) and a housing cavity (7); - a piston (10) being partly arranged in the housing cavity (7) and being axially moveable within the housing cavity (7) and having an axial end directed opposite to a driving side (8) of the high pressure pump (1); - a sealing unit (15) with a sealing body (20) being arranged radially outside of the piston (10), so that a first part (21) of the housing cavity (7) is sealed fluid-tight against a second part (23) of the housing cavity (7), wherein the sealing body (20) comprises a neck (22) with an inner diameter (D_S) which is smaller than a first diameter (D_P1) of a part of the piston (10), which is arranged between the neck (22) of the sealing body (20) and the axial end of the piston (10), wherein the piston (10) comprises a second diameter (D_P2) in an axial area in which the neck (22) of the sealing body (20) is arranged, which is smaller than the first diameter (D_P1) of the piston (10).

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

(21) Application No.2985/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WATERPROOFING MEMBRANE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:E04D5/10,C09J7/02,C09J133/06 :61/551092 :25/10/2011 :U.S.A.	1)W. R. GRACE & CO. CONN. Address of Applicant :7500 Grace Drive Columbia MD 21044 U.S.A.
(86) International ApplicationNoFiling Date(87) International Publication	:PCT/US2012/061802 :25/10/2012 :WO 2013/063197	 (72)Name of Inventor: 1)WIERCINSKI Robert A. 2)RANGANATHAN Anandakumar 3)CAO Xia
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	4)PAUL Robert
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a waterproofing membrane that comprises a carrier sheet (layer A); a waterproofing adhesive (layer B); a protective coating (layer C) wherein the protective coating is substantially free of surfactant and comprises an acrylic or methacrylic polymer or copolymer an inorganic filler and a white pigment; and a releasable material (layer D) wherein the releasable material comprises amorphous nanoscale silica and a polymeric binder. The waterproofing membrane does not require a release liner binds strongly to concrete cast against it (even after UV exposure) tolerates foot traffic and withstands immersion in water over an extended period.

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

(21) Application No.2986/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CATALYSTS FOR THERMAL CURE SILICONE RELEASE COATINGS

(51) International classification :C07F7/18,C09D5/20,B01J21/06 (71)Name of Applicant : (31) Priority Document No :61/566122 (32) Priority Date :02/12/2011

(33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/066858 Filing Date :28/11/2012

(87) International Publication No: WO 2013/082155

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1) CPFILMS INC.

Address of Applicant :4210 The Great Road Fieldale VA

24089 U.S.A.

(72)Name of Inventor: 1)KHUDYAKOV Igor V. 2) HAWKINS Michael

(57) Abstract:

An environmentally acceptable catalyst coating system and methods for thermal cure silicone release coatings that utilize bismuth (Bi) catalyst to retain properties of tin (Sn) catalyzed systems but do not have the toxicity and environmental hazards associated therewith. The coating systems and methods also provide a laminate that shows reduced orange peel distortion over time compared with tin (Sn) catalyzed systems and methods.

No. of Pages: 38 No. of Claims: 18

(21) Application No.2988/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: EMBOSSED THERMOPLASTIC LABEL

(51) International classification :B32B3/30,G09F3/02,B44C1/24 (71)Name of Applicant :

(31) Priority Document No :61/537045 (32) Priority Date :20/09/2011 :U.S.A.

(33) Name of priority country (86) International Application No :PCT/US2012/056180

Filing Date :20/09/2012 (87) International Publication No: WO 2013/043773

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)AVERY DENNISON CORPORATION

Address of Applicant :150 N. Orange Grove Blvd. Pasadena

CA 91103 U.S.A.

(72)Name of Inventor: 1)HANNINGTON Michael

2)HEEDERIK Peter J.

3)OWUSU Osei

(57) Abstract:

An embossed thermoplastic label includes (a) a facestock having an upper surface and a lower surface with at least one layer and the layer has at least one thermoplastic resin and (b) the facestock includes at least one embossed pattern on the upper surface of the facestock. The embossed pattern includes at least one embossed section and at least one unembossed section on the facestock. An intermediate configuration is also disclosed. A method is provided for embossing a thermoplastic label. The embossed thermoplastic label is useful in various labeling and brand awareness applications and provides visual and textural effects.

No. of Pages: 42 No. of Claims: 25

(19) INDIA

(21) Application No.2989/DELNP/2014 A

(22) Date of filing of Application:15/04/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: HUMANIZED ANTIBODIES TO INKT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:26/10/2012 :WO 2013/063395 :NA	(71)Name of Applicant: 1)NKT THERAPEUTICS INC. Address of Applicant:1000 Winter Street Suite 3900 Waltham MA 02451 U.S.A. (72)Name of Inventor: 1)TRUNEH Alemseged 2)CARR Francis Joseph 3)JONES Timothy David 4)GREGSON James P.
	:NA :NA	, ,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods of treatment to suppress an immune response are provided. The method comprises administering to a subject in need of treatment a naked blocking antibody that binds selectively iNKT cells in an amount effective to suppress the subject s iNKT cell function. Compositions comprising an isolated humanized antibody that binds selectively iNKT cells are also provided.

No. of Pages: 87 No. of Claims: 45

(21) Application No.2982/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : USE OF PLASMA TREATED SILICONE OIL AS A COATING IN A MEDICAL INJECTION DEVICE

(51) International classification :A61M5/31,A61M5/3 (31) Priority Document No :11306236.8 (32) Priority Date :27/09/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/069119 Filing Date :27/09/2012

(87) International Publication No :WO 2013/045571

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

:A61M5/31,A61M5/315 (71)Name of Applicant :

1)BECTON DICKINSON FRANCE

Address of Applicant: 11 Rue Aristide Berges F 38800 Le

Pont de Claix France
(72)Name of Inventor:
1)JANVIER Sbastien
2)MANGIAGALLI Paolo
3)JOUFFRAY Sbastien
4)FOUCHER Cdric

5)ENFOUX Yves

(57) Abstract:

The invention relates to the use of plasma treated silicone oil as a coating in a medical injection device (1) comprising a barrel (2) and a stopper (3) in gliding engagement within the barrel for limiting the number of particles present on the surface of the coating and for limiting the number of particles released in a pharmaceutical composition contained in the injection device. The invention also relates to a medical injection device having: a barrel having an inner surface; a stopper in gliding engagement with the barrel; and a pharmaceutical composition within the medical injection device and in contact with the inner surface of the barrel the inner surface of the barrel comprising a coating of plasma treated silicone oil in contact with the composition wherein the plasma treatment of silicone oil reduces the number of particles present on the surface of the coating and the number of particles released into the pharmaceutical composition contained in the medical injection device as compared to silicone oil that is not plasma treated. The invention further relates to a method of treating a medical injection device the device comprising a barrel having a coated inner surface a stopper in gliding engagement with the barrel and to a method of reducing a number of particles present on a surface of a coating or a number of particles released into a pharmaceutical composition contained in such a medical injection device.

No. of Pages: 30 No. of Claims: 52

(21) Application No.2983/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: IMPACT EXTRUDED CONTAINERS FROM RECYCLED ALUMINUM SCRAP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/09/2012 :WO 2013/040339 :NA :NA :NA	(71)Name of Applicant: 1)BALL CORPORATION Address of Applicant:10 Longs Peak Broomfield CO 80021 2510 U.S.A. (72)Name of Inventor: 1)SILES John L. 2)MELANCON Samuel 3)CHATEY Anthony 4)PLATEK Stanley M.
(62) Divisional to Application Number Filing Date	:NA :NA	
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(57) Abstract:

Novel aluminum alloys are provided for use in an impact extrusion manufacturing process to create shaped containers and other articles of manufacture. In one embodiment blends of recycled scrap aluminum are used in conjunction with relatively pure aluminum to create novel compositions which may be formed and shaped in an environmentally friendly process. Other embodiments include methods for manufacturing a slug material comprising recycled aluminum for use in the impact extraction process.

No. of Pages: 36 No. of Claims: 20

(21) Application No.2993/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR PREPARING BICOMPONENT FIBERS COMPRISING POLY(TRIMETHYLENE TEREPHTHALATE)

(51) International classification :D01D1/09,D01D5/22,D01F8/14 (71)Name of Applicant:

(31) Priority Document No :61/561281 (32) Priority Date :18/11/2011

(33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/064662

Filing Date :12/11/2012 (87) International Publication No: WO 2013/074453

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant: 1007 Market Street Wilmington

Delaware 19899 U.S.A. (72)Name of Inventor:

1)MADELEINE Dennis Gerard

(57) Abstract:

Disclosed is a process for preparing crimpable bicomponent fibers from two poly(trimethylene terephthalate) starting materials that differ from one another in intrinsic viscosity. One starting material is characterized by an intrinsic viscosity = 0.7 dL/g. The relatively low intrinsic viscosity allows the employment of a low melt temperature with concomitant reduction in the evolution of acrolein and without significant degradation in the properties or processibility of the bicomponent fiber.

No. of Pages: 25 No. of Claims: 12

(21) Application No.2995/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DEVICE FOR CONTROLLING THE TEMPERATURE OF OBJECTS

(51) International classification: F26B23/02,F23C9/00,F23D14/24 (71)Name of Applicant: (31) Priority Document No :10 2011 119 436.7 1)EISENMANN AG Address of Applicant: T1/4binger Str. 81 71032 Bblingen (32) Priority Date :25/11/2011 (33) Name of priority country :Germany Germany (86) International Application (72)Name of Inventor: :PCT/EP2012/004677 No 1)KATEFIDIS Apostolos :10/11/2012 Filing Date (87) International Publication :WO 2013/075793 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a device for controlling the temperature of objects in particular for drying coated vehicle bodies. A temperature controlling tunnel (14) is accommodated in a housing (12) and defines at least one tunnel portion (T) which comprises at least one air outlet (30) and at least one air inlet (42). The tunnel portion (T) is paired with a heater assembly (20) in which a hot primary gas can be generated by means of a burner unit (44). The hot primary gas can be conducted into a heat exchanger (38) of the heater assembly (20) and tunnel air can be heated in the heat exchanger by means of the hot primary gas and fed back to the tunnel portion (T) via the at least one air inlet (42) in a circuit as a circulating air flow. A burner supply device (40 46) is provided by means of which exhaust air from the tunnel portion (T) can be fed to the burner unit (44) of the heater assembly (20) as a burner air flow in order to generate the primary gas.

No. of Pages: 23 No. of Claims: 9

(21) Application No.2950/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CRIMPED TERMINAL

(51) International classification :C22C9/00,C22C9/01,C22C9/02 (71)Name of Applicant : (31) Priority Document No :10 2011 084 174.1

(32) Priority Date :07/10/2011 (33) Name of priority country :Germany

(86) International Application No: PCT/EP2012/069368 Filing Date :01/10/2012

(87) International Publication No: WO 2013/050328

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)TYCO ELECTRONICS AMP GMBH

Address of Applicant : Amperestrasse 12 14 64625 Bensheim

Germany

(72)Name of Inventor: 1)SCHMIDT Helge 2) GREGOR Christian 3)VAN de BURGT Guido

4)BLUEMMEL Uwe

(57) Abstract:

The invention relates to a method for producing a crimped connection and a crimped connection between an electrical conductor and a crimped element which is crimped to the conductor electrically conductive particles being arranged between the conductor and the crimped element.

No. of Pages: 11 No. of Claims: 15

(21) Application No.2951/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A THERMALLY STABLE NANO CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:B01J23/52,C09C1/00,B01J35/10 :2011/06802 :19/09/2011 :South Africa :PCT/IB2012/054958 :19/09/2012 :WO 2013/042048 :NA	(71)Name of Applicant: 1)UNIVERSITY OF THE WITWATERSRAND JOHANNESBURG Address of Applicant: 1 Jan Smuts Avenue 2050 Johannesburg South Africa (72)Name of Inventor: 1)BARRETT Dean Howard 2)FRANKLYN Paul John
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a titanium dioxide catalyst particle the catalyst particle comprising rutile nanorods having metal nanoparticles deposited at or near the free ends of the nanorods which is suitable to catalyse reactions after exposure to temperatures above 550 deg C. The invention also provides for the use of a catalyst particle in catalysing reactions and a method of catalysing reactions the catalyst particle being suitable to catalyse reactions after exposure to temperatures above 550 deg C.

No. of Pages: 45 No. of Claims: 23

(21) Application No.3001/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS WITH ROTATABLE ARM FOR UNWINDING STRANDS OF MATERIAL

:B65H57/20,B65H57/14 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) THE PROCTER & GAMBLE COMPANY :13/289199 (32) Priority Date Address of Applicant :One Procter & Gamble Plaza Cincinnati :04/11/2011 (33) Name of priority country :U.S.A. Ohio 45202 U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/062960 1)CASTILLO Mario Filing Date :01/11/2012 (87) International Publication No :WO 2013/067114 2) GOYETTE Nicholas

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

(57) Abstract:

An apparatus with a rotatable arm (219) for unwinding a strand by taking it off of the side of a wound package (214).

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

(21) Application No.3002/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SPLICING APPARATUS FOR UNWINDING STRANDS OF MATERIAL

(51) International classification	:B65H49/12,B65H57/20	(71)Name of Applicant:
(31) Priority Document No	:13/289207	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:04/11/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2012/062961	(72)Name of Inventor:
Filing Date	:01/11/2012	1)CASTILLO Mario
(87) International Publication No	:WO 2013/067115	2)N–THEN Peter
(61) Patent of Addition to Application	:NA	3)WIRTZ Daniel
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A splicing apparatus for continuously unwinding strands of material from wound packages.

No. of Pages: 26 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD OF ALARM AND HISTORY VIDEO PLAYBACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F :13/764,914 :12/02/2013 :U.S.A. :NA :NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	4)YUHANG DANG
1 mig Bute	.1 11 1	

(57) Abstract:

An apparatus and method of using a security system. The method includes the steps of providing a two-dimensional map of geographical features of a secured area on a display, arranging a respective icon for each of a plurality of security sensors on the map, wherein a relative location of the respective icon of each of the plurality of security sensors on the two-dimensional map indicates the relative location of the sensor with respect to each of the geographical features of the map and wherein the respective icon of each of the plurality of sensors that is activated is shown highlighted on the map and providing an adjustable time control device with a time indicator on the map, the time control device causing each of the plurality of icons to enter a highlighted state during each concurrence in time between the activated state of the corresponding sensor and the time indicator.

No. of Pages: 13 No. of Claims: 15

(21) Application No.313/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LIGHT-EMITTING DIODE LIGHT AND HEAT DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01L :13/791,452 :08/03/2013 :U.S.A. :NA :NA	Address of Applicant :116 RYAN PATRICK, DRIVE, SALISBURY, NORTH CAROLINA 28147, U.S.A. U.S.A. (72)Name of Inventor: 1)ROBERT J. NOLAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)DON CATTONI 3)GEORGE CHARLES MABIN

(57) Abstract:

A heat and light emitting device comprising a housing and having an air circulation device, a light-emitting diode, and a heating element contained within the housing. The device further comprising a cover for attachment to the housing. The heat and light emitting device is in a form of a heat lamp or in a form of an oval, square, rectangle or other geometric shape. A surface of the device or a component thereof are optionally coated with a coating composition.

No. of Pages: 25 No. of Claims: 42

(19) INDIA

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PROCESSOR FOR USE WITH A MEMORY HIERARCHY

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:09/053,385	l '
(32) Priority Date	:31/03/1998	I I
(33) Name of priority country	:U.S.A.	BOULEVARD, SANTA CLARA, CALIFORNIA 95052,
(86) International Application No	:NA	UNITED STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHENNUPATY, SRINIVAS
(61) Patent of Addition to Application Number	:NA	2)THAKKAR, SHREEKANT, S.
Filing Date	:NA	3)HUFF, THOMAS
(62) Divisional to Application Number	:	4)PENTKOVSKI, VLADIMIR
Filed on	:01/01/1900	

(57) Abstract:

The present invention provides a computer system for providing cache memory management, the computer system comprising: a main memory having a plurality of main memory addresses each having a corresponding data entry; a processor coupled to said main memory; and at least one cache memory coupled to said processor, said at least one cache memory having a cache directory with a plurality of addresses and a cache controller having a plurality of data entries corresponding to said plurality of addresses, each data entry having a non-temporal locality, said processor receiving a non-temporal instruction having an operand address, determining if said operand address matches one of said plurality of addresses in said cache directory, if so, said processor updating a cache entry in said cache controller corresponding to said matched address, otherwise updating a memory entry corresponding to said operand address in said main memory and not performing a cache fill; wherein, a comparator is coupled to said processor, said comparator comparing the operand address with said plurality of addresses in said cache directory and providing an output signal indicative of a status of the comparison operation.

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

(21) Application No.2327/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International

:B29B13/10,B29B17/04,B29C47/58

classification

(31) Priority Document No :A 1509/2011 (32) Priority Date :14/10/2011

(33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050158 No :12/10/2012

Filing Date

(87) International Publication: WO 2013/052986

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)EREMA ENGINEERING RECYCLING MASCHINEN

UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria (72)Name of Inventor:

1)FEICHTINGER Klaus

2)HACKL Manfred

(57) Abstract:

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). A pocket (100) is formed in the wall section (105) of the housing (16) which directly adjoins the feed opening (80) in the conveying direction (17) and completely surrounds the screw (6) wherein said pocket extends in the conveying direction (17) starting with the edge (20) of the feed opening (80) situated downstream over a length (L) of 0.8 d = L = 9 d d being the outer diameter of the envelope curve of the screw (6) in the wall section (105).

No. of Pages: 34 No. of Claims: 29

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International

:B29B13/10,B29B17/04,B29C47/58 classification

(31) Priority Document No :A 1505/2011 (32) Priority Date :14/10/2011 (33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050157

No :12/10/2012 Filing Date

(87) International Publication: WO 2013/052985

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(19) INDIA

(71)Name of Applicant:

(21) Application No.2328/DELNP/2014 A

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria (72)Name of Inventor: 1)FEICHTINGER Klaus 2)HACKL Manfred

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The housing (16) is divided into two chambers (40 41) the front chamber (40) of which comprising the feed opening (80) and the rear chamber (41) at least one degassing opening (42) both chambers (40 41) being connected to each other by a channel (44) in which a melt filter (45) is arranged. The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). The length (L) of the screw (6) in the front chamber (40) lies in the range of 10 to 40 times the nominal diameter (d) of the screw (6) and the distance from the opening (46) of the channel (44) into the rear chamber (41) to the degassing opening (42) lies in the range of 1.5 to 15 times the nominal diameter (d) of the screw (6).

No. of Pages: 27 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :04/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : LOW PRESSURE ARC PLASMA IMMERSION COATING VAPOR DEPOSITION AND ION TREATMENT

(51) International classification	:H01J	(71)Name of Applicant:
(31) Priority Document No	:13/840,305	1)VAPOR TECHNOLOGIES INC.
(32) Priority Date	:15/03/2013	Address of Applicant :6400 DRY CREEK PARKWAY
(33) Name of priority country	:U.S.A.	LONGMONT, COLORADO 80503 UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VLADIMIR GOROKHOVSKY
(61) Patent of Addition to Application Number	:NA	2)WILLIAM GRANT
Filing Date	:NA	3)EDWARD YAYLOR
(62) Divisional to Application Number	:NA	4)DAVID HUMENIK
Filing Date	:NA	

(57) Abstract:

A coating system includes a vacuum chamber and a coating assembly. The coating assembly includes a vapor source, a substrate holder, a remote anode electrically coupled to the cathode target, and a cathode chamber assembly. The cathode chamber assembly includes a cathode target, an optional primary anode and a shield which isolates the cathode target from the vacuum chamber. The shield defines an opening for transmitting an electron emission current of a remote arc discharge from the cathode target to the remote anode that streams along the target face long dimension. A primary power supply is connected between the cathode target and the primary anode while a secondary power supply is connected between the cathode target and the remote anode. Characteristically, a linear remote anode dimension and a vapor source short dimension are parallel to a dimension in which an arc spot is steered along the cathode target.

No. of Pages: 104 No. of Claims: 20

(21) Application No.2933/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR PRODUCING 2 3 3 3 TETRAFLUOROPROPENE

(51) International classification :C07C17/20,C07C17/25,C07C21/18

(31) Priority Document No :61/547169 (32) Priority Date :14/10/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/059716

No Filing Date :11/10/2012

(87) International Publication :WO 2013/055894

No
((1) Potent of Addition to

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant : 1)BEKTESEVIC Selma

Address of Applicant :770 Maple Road Apt. 9B Williamsville

New York 14221 U.S.A. 2)MERKEL Daniel C. 3)NAPPA Mario Joseph

4)SUN Xuehui

5)TUNG Hsueh Sung 6)WANG Haiyou (72)Name of Inventor:

1)BEKTESEVIC Selma 2)MERKEL Daniel C. 3)NAPPA Mario Joseph

4)SUN Xuehui

5)TUNG Hsueh Sung 6)WANG Haiyou

(57) Abstract:

The present invention relates in part to the discovery that the presence of impurities in 1 1 2 3 tetrachloropropene (1230xa) results in catalyst instability during the fluorination of 1230xa to 2 chloro 3 3 3 trifluoropropene. By substantially removing the impurities it is shown that the catalyst life is extended and results in improved operation efficiency of the fluorination reaction. Such steps similarly result in an overall improvement in the production of certain hydrofluoroolefins particularly 2 3 3 3 tetrafluoropropene (1234yf).

No. of Pages: 54 No. of Claims: 63

(12) THIER THE ELECTION TO BEIGHTIO

(21) Application No.2934/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SECURITY ELEMENT OR DOCUMENT WITH A SECURITY FEATURE INCLUDING AT LEAST ONE DYNAMIC EFFECT FEATURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Principped to Application Number 	:11/10/2012 :WO 2013/054290 :NA :NA	(71)Name of Applicant: 1)3DTL INC. Address of Applicant:3334 Victor Court Santa Clara CA 95054 U.S.A. (72)Name of Inventor: 1)DOWNING Elizabeth Anne 2)SCHAEDE Johannes Georg
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is described a security element or document comprising a substrate (20) and at least a first dynamic effect feature (100; 120; 121; 122; 23; 130; 135; 140; 150; 171; 181; 191; 200) provided on the substrate which includes a dynamic effect component that is responsive to illumination stimulus of a selected excitation wavelength or wavelength band to produce an optical spectral response which optical spectral response changes dynamically over an observable period of time between multiple color appearances (C F M; C1 M1) upon and while being subjected to the illumination stimulus. The first dynamic effect feature is provided in a region of the substrate which is proximate or adjacent to at least one proximity feature (101 102; 120a 120b; 21a 121b; 122a 122b; 123a 123b; 131 132 133; 136 137; 141 142; 151 60; 172; 182 183; 192; 201 205 206) provided on the substrate which at least one proximity feature has a color appearance which is selected to enhance and/or complement at least one of the multiple color appearances of the first dynamic effect feature.

No. of Pages: 56 No. of Claims: 48

(21) Application No.2935/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DEVICE METHOD AND PROGRAM FOR MEASURING DIAMETER OF CYLINDRICAL OBJECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01B11/08,G06T1/00 :2011232902 :24/10/2011 :Japan :PCT/JP2012/077325 :23/10/2012 :WO 2013/061952 :NA :NA	(71)Name of Applicant: 1)FUJIFILM CORPORATION Address of Applicant: 26 30 Nishiazabu 2 chome Minato ku Tokyo 1068620 Japan (72)Name of Inventor: 1)MASUDA Tomonori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pair of viewpoint images (21L 21R) obtained by capturing images of a cylindrical object (4) is stored in a data memory (17). Corresponding points (28 29) which are derived on the contour lines (25a 25b) of the right viewpoint image (21R) in correspondence with measurement points (26 27) designated on the contour lines (24a 24b) of the left viewpoint image (21L) are used for the calculation of the diameter (D) of the cylindrical object (4). In order to be able to designate two points with the shortest distance therebetween as the pair of measurement points (26 27) one measurement point (26) is fixed on one contour line (24a) and the other measurement point (27) is scanned on the other contour line (24b). In connection therewith the distance between the corresponding points (28 29) also changes and the diameter (D) is calculated with every change and the minimum value thereof is determined as the diameter of the cylindrical object (4).

No. of Pages: 51 No. of Claims: 13

(21) Application No.380/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD FOR OPERATING AN ELECTRIC FUEL PUMP

(57) Abstract:

The present subject matter relates to a method of operating an electric fuel pump of an injection system, wherein for a voltage applied to the electric fuel pump, a maximum threshold value (48) is provided and for a current flowing through the electric fuel pump, a maximum threshold value (62) is provided, wherein a value (62) of the electric current required for electric fuel pump is measured, and wherein the maximum threshold value (48) is provided for the voltage applied on the electric fuel pump for the case that the measured value (62) of the current exceeds the provided maximum threshold value (64), which is reduced dependent on the measured value (62) of the current.

No. of Pages: 19 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SECONDARY COOLING METHOD AND SECONDARY COOLING DEVICE FOR CONTINUOUS CASTING MACHINE

(51) International

:B22D11/124,B22D11/128,B22D11/22

classification

(31) Priority Document No:2011249762

(32) Priority Date

ty Date :15/11/2011

(33) Name of priority

:Japan

country

(86) International :PCT/JP2012/079556

Application No Filing Date

:14/11/2012

(87) International

:WO 2013/073593

Publication No

(61) Patent of Addition to Application Number :NA :NA

Filing Date

(62) Divisional to
Application Number :NA
:NA

Filing Date

(71)Name of Applicant:

1)NIPPON STEEL & SUMITOMO METAL

(21) Application No.2979/DELNP/2014 A

CORPORATION

Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan

(72)Name of Inventor:

1)YAMASAKI Norimasa

2)SHIMA Shozo

3)TSUNENARI Keiji

4)OKUMURA Yasushi

5)DOKI Masahiro

6)OOTANI Yasuhiko

7)HAYASHI Satoru

(57) Abstract:

This secondary cooling device for a continuous casting machine is provided with a plurality of pairs of support roller and a plurality of nozzles and each support roller has: a plurality of roller sections split in the widthwise direction of a cast strand; and grooves provided between the roller sections. The grooves provided to each upstream side support roller and downstream side support roller adjacent in the direction of conveyance are disposed offset from each other in the widthwise direction. A first nozzle among the plurality of nozzles is disposed at a first nozzle position set between a roller section provided to an upstream side support roller and a groove provided to a downstream side support roller.

No. of Pages: 74 No. of Claims: 8

(21) Application No.379/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : METHOD FOR MONITORING A STACK MEMORY IN AN OPERATING SYSTEM OF A CONTROL UNIT OF A MOTOR VEHICLE

(51) International classification	:H01R :10 2013	(71)Name of Applicant: 1)ROBERT BOSCH GMBH
(31) Priority Document No	202 961.6	Address of Applicant :POSTFACH 30 02 20, 70442
(32) Priority Date	:22/02/2013	STUTTGART, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)KUTZ, CLEMENS
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 subject matter relates to a method for monitoring a stack memory in an operating system (100) of a control unit of a motor vehicle, wherein a characteristic parameters of a stack memory is monitored before execution of an executable program code (3), the characteristic parameters of a stack memory is monitored after executing the executable program code (7), the characteristic parameters of the stack memory is compared before and after the execution of the executable program code (8), and at least one predefined action is performed, if the characteristic parameter of the stack memory is not identical before and after execution of the executable program code (20).

No. of Pages: 11 No. of Claims: 10

(21) Application No.381/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : A SYSTEM AND METHOD TO CREATE EVIDENCE OF AN INCIDENT IN VIDEO SURVEILANCE SYSTEM

(31) Priority Document No:13(32) Priority Date:26(33) Name of priority country:U.(86) International Application No:NAFiling Date:NA	NA 1)DEEPAKUMAR SUBBIAN NA 2)DEEPAK SUNDAR MEGANATHAN NA 3)MAYUR SALGAR NA
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(57) Abstract:

A method and apparatus. The method includes the steps of a securify camera capturing a panoramic field of view of a secured area, separating portions of the panoramic field of view into a plurality of sub-views that each depict at least some time-related portion of an event detected within the secured area and simultaneously displaying the plurality of sub-views within separate respective windows of a display.

No. of Pages: 12 No. of Claims: 15

(21) Application No.383/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SELECTIVE OXIDATION OF A MODIFIED MCRAIY COMPOSITION LOADED WITH HIGH LEVELS OF CERAMIC ACTING AS A BARRIER TO SPECTIFIC OXIDE FORMATIONS

(51) International classification	:H01S	(71)Name of Applicant :
(31) Priority Document No	:13/767,486	1)PRAXAIR S. T. TECHNOLOGY, INC.
(32) Priority Date	:14/02/2013	Address of Applicant :441 SACKETT POINT ROAD,
(33) Name of priority country	:U.S.A.	NORTH HAVEN, CONNECTICUT 06473, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WILLIAM JAROSINSKI
(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 composition based on a novel MCrAlY formulation is provided for the production of protective coatings. The specific combination of the constituents of the MCrAlY formulation advantageously allows significantly high loadings of ceramic (metal oxide) while still retaining the ability to selectively oxidize aluminum to form alumina scale, a property previously not attainable with conventional MCrAlY materials when loaded with ceramics at levels of 15-45 weight percent. The alumina scale in combination with the modified MCrAlY formulation act as a barrier to specific detrimental oxide formations. The compositions of the present invention can act as protective coatings for a wide array of applications.

No. of Pages: 28 No. of Claims: 13

(21) Application No.391/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : FEMORAL ORTHOPAEDIC SURGICAL INSTRUMENT INCLUDING A MEASUREMENT DEVICE AND METHOD OF USE OF SAME

(51) 1	110.41	
(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:13/780,836	1)DEPUY (IRELAND)
(32) Priority Date	:28/02/2013	Address of Applicant :LOUGHBERG INDUSTRIAL
(33) Name of priority country	:U.S.A.	ESTATE, RINGASKIDDY, CO CORK, IRELAND
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)REBECCA L. CHANEY
(87) International Publication No	: NA	2)CRAIG S. TSUKAYAMA
(61) Patent of Addition to Application Number	:NA	3)BENJAMIN J. SORDELET
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An orthopaedic surgical instrument assembly is disclosed. The assembly includes an orthopaedic surgical instrument including a first surface, and a measurement gauge removably coupled to the orthopaedic surgical instrument. The gauge includes an arm having a tip positioned proximal to the orthopaedic surgical instrument, and a plurality of markings defined on the arm. Each marking indicates a predetermined distance from the first surface of the orthopaedic surgical instrument. The assembly may be used during an orthopaedic surgical procedure on a femur, which is also described herein.

No. of Pages: 49 No. of Claims: 10

(21) Application No.2428/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR PREPARING A MASTERBATCH OF DIENE ELASTOMER AND SILICA

(51) International classification :B60C1/00,C08J3/215,C08J3/22 (71)Name of Applicant : (31) Priority Document No 1) COMPAGNIE GENERALE DES ETABLISSEMENTS :1159173 (32) Priority Date :11/10/2011 MICHELIN (33) Name of priority country Address of Applicant :12 Cours Sablon F 63000 Clermont :France (86) International Application No :PCT/EP2012/070030 Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. Filing Date :10/10/2012 (87) International Publication No: WO 2013/053735 (72)Name of Inventor: (61) Patent of Addition to 1)DE GAUDEMARIS Beno®t :NA **Application Number** 2)LAFFARGUE Graldine :NA Filing Date 3)BERRIOT Julien

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

THE INVENTION RELATES TO A METHOD FOR PREPARING A MASTERBATCH OF DIENE ELASTOMER AND SILICA COMPRISING THE FOLLOWING SUCCESSIVE STEPS OF: PREPARING AT LEAST ONE SILICA DISPERSION IN WATER BRINGING INTO CONTACT AND MIXING AN ELASTOMER LATEX AND THE AQUEOUS SILICA DISPERSION IN THE PRESENCE OF A ZINC SALT IN ORDER TO OBTAIN A COAGULUM AND DRYING THE RECOVERED COAGULUM IN ORDER TO OBTAIN THE MASTERBATCH. THE ZINC CATION MOLAR RATIO DEFINED AS THE NUMBER OF MOLES OF ZINC CATIONS OF THE ZINC SALT PER UNIT AREA OF THE SILICA IS BETWEEN 1.1910AND 5.62 10MOL/M².

No. of Pages: 27 No. of Claims: 18

(21) Application No.2429/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR PREPARING A MASTERBATCH OF DIENE ELASTOMER AND SILICA

(51) International classification :B60C1/00,C08J3/215,C08J3/22 (71)Name of Applicant :

(31) Priority Document No :1159170 (32) Priority Date :11/10/2011 (33) Name of priority country :France

(86) International Application No :PCT/EP2012/070027

Filing Date :10/10/2012 (87) International Publication No: WO 2013/053733

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) COMPAGNIE GENERALE DES ETABLISSEMENTS

MICHELIN

Address of Applicant :12 Cours Sablon F 63000 Clermont

ferrand France

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor:

1)DE GAUDEMARIS Beno®t 2)LAFFARGUE Graldine 3)BERRIOT Julien

(57) Abstract:

THE INVENTION RELATES TO A METHOD FOR PREPARING A MASTERBATCH OF DIENE ELASTOMER AND SILICA COMPRISING THE FOLLOWING SUCCESSIVE STEPS OF: PREPARING AT LEAST ONE SILICA DISPERSION IN WATER; BRINGING INTO CONTACT AND MIXING AN ELASTOMER LATEX AND THE AQUEOUS SILICA DISPERSION IN THE PRESENCE OF A METAL SALT COMPRISING AN AT LEAST DIVALENT METAL ELEMENT IN ORDER TO OBTAIN A COAGULUM; AND RECOVERING THE COAGULUM AND DRYING SAME IN ORDER TO OBTAIN THE MASTERBATCH. THE METAL CATION MOLAR RATIO DEFINED AS THE NUMBER OF MOLES OF METAL CATIONS OF THE METAL SALT PER BET UNIT AREA OF THE SILICA IS BETWEEN 9.37510AND 1.875 10MOL/M2.

No. of Pages: 29 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application: 10/02/2014

(21) Application No.371/DEL/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention : A JOINTING DEVICE FOR CONNECTING TWO MAST MEMBERS AND A SET COMPRISING TWO MAST MEMBERS AND SUCH JOINTING DEVICE

(51) International alongification	.D.C.C.E	(71)Nome of Applicant.
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:13155269.7	1)MANITOWOC CRANE GROUP FRANCE
(32) Priority Date	:14/02/2013	Address of Applicant :66 CHEMIN DU MOULIN CARRON
(33) Name of priority country	:EUROPEAN	69570 DARDILLY FRANCE
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)ROTAT, FRANCOIS
Filing Date	:NA	2)BARBET, CHRISTOHE
(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 jointing device (7) comprises an apex portion (8.1), a base portion (8.2) and two orthogonal connecting axes (10, 11). The apex portion (8.1) comprises two primary joint bars (12) and two secondary joint bars (13) secured to the lower comer chord member (3.1). Each primary joint bar (12) or secondary joint bar (13) protrudes from the lower comer chord member (3.1) and has primary coaxial ports (15.1) or secondary coaxial ports (17.1). The base portion (8.2) is located between the primary joint bars (12) and secondary joint bars (13) and has primary holes (15.2) and secondary holes (17.2) coinciding with the primary ports (15.1) and secondary ports (17.1). The connecting axes (10, 11) pass through the primary ports (15.1) and the primary holes (15.2) or the secondary ports (17.1) and secondary holes (17.2). Primary plates (20) and secondary plates (21), secured to the upper corner chord member (3.2) contribute to the support bearing surface of the connecting axes (10,11).

No. of Pages: 18 No. of Claims: 7

(21) Application No.386/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DIMPLE PATTERN GASKETED HEAT EXCHANGER

(51) Intermedianal alequification	. 4.45D	(71) Name of Ameliaant.
(51) International classification	:A45D	(71)Name of Applicant :
(31) Priority Document No	:PA 2013 00120	1)DANFOSS A/S Address of Applicant :NORDBORGVEJ 81, DK-6430
(32) Priority Date	:08/03/2013	NORDBORG, DENMARK;
(33) Name of priority country	:Denmark	(72)Name of Inventor:
(86) International Application No	:NA	1)PERSSON, LARS
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 to a gasketed heat exchanger comprising a plurality of heat exchanger plates, wherein each of the heat exchanger plates comprises a plurality of dimples. The dimples comprise tops and bottoms. Furthermore, the tops of at least one heat exchanger plate are connected to the bottoms of another neighboring heat exchanger plate. In order to prevent plastic deformations of the heat exchanger plates under external forces and internal fluid pressures the dimples are elastically deformable.

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

(21) Application No.400/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELECTROMAGNETIC RADIATION SHIELDING ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G :13/861,290 :11/04/2013 :U.S.A. :NA :NA :NA :NA :NA	•
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(57) Abstract:

An electromagnetic shielding assembly may include a transparent substrate layer and 5 a transparent active layer, positioned with respect to the substrate, wherein the active layer is configured to absorb electromagnetic radiation having a first wavelength and emit electromagnetic radiation having a second wavelength, the second wavelength being different than the first wavelength, the active layer includes fluorescent molecules combined with a base material, the fluorescent molecules being configured to absorb electromagnetic radiation 10 having the first wavelength and emit the electromagnetic radiation having the second wavelength, wherein the first wavelength is in a visible electromagnetic spectrum and the second wavelength is in a non-visible electromagnetic spectrum.

No. of Pages: 26 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International

:B29B13/10,B29B17/04,B29C47/10 classification

(31) Priority Document No :A 1506/2011 (32) Priority Date :14/10/2011 (33) Name of priority country: Austria

(86) International Application :PCT/AT2012/050155

No :12/10/2012

Filing Date (87) International Publication: WO 2013/052983

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA

(71)Name of Applicant:

(21) Application No.2324/DELNP/2014 A

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria (72)Name of Inventor: 1)FEICHTINGER Klaus 2)HACKL Manfred

(57) Abstract:

Filing Date

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). The smallest possible distance (ms) between the tool (3) and the crew (6) is defined by the following relationship: ms = k d + K wherein d... is the diameter of the screw (6) in mm K is a factor ranging from 20 to 100 in particular 20 to 80 k is a factor ranging from 0.03 to 0.4 in particular 0.04 to 0.25.

No. of Pages: 29 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International :B29B13/10,B29B17/04,B29C47/10

classification .B29B13/10,B29B17/04,B29C4
(31) Priority Document No :A 1511/2011

(31) Priority Document No :A 1511/2011 (32) Priority Date :14/10/2011 (33) Name of priority country :Austria

(86) International Application :PCT/AT2012/050156

Filing Date :12/10/2012

(87) International Publication :WO 2013/052984

No (61) Patent of Addition to

(62) Divisional to Application :NA
Number :NA
Filing Date

(71)Name of Applicant:

(21) Application No.2325/DELNP/2014 A

1)EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant :Freindorf Unterfeldstrasse 3 A 4052

Ansfelden Austria
(72)Name of Inventor:
1)FEICHTINGER Klaus
2)HACKL Manfred

(57) Abstract:

The invention relates to an apparatus for preprocessing and subsequently conveying or plasticizing plastics comprising a container (1) with a mixing and/or comminuting tool (3) that can rotate about a rotational axis (10) wherein an opening (8) is formed in a lateral wall (9) through which the plastic material can be discharged and a conveyor (5) is provided with a screw (6) rotating in a housing (16). The invention is characterized in that the imaginary extension of the longitudinal axis (15) of the conveyor (5) passes by the rotational axis (10) counter the conveying direction (17) wherein the longitudinal axis (15) is on the outlet side offset by a distance (18) in relation to the radial (11) that is parallel to the longitudinal axis (15). At least one web shaped deflector (50) which is directed into the interior of the container (1) is arranged on the inner wall surface of the container (1) wherein the height profile of said deflector decreases from top to bottom when seen in the rotational direction (12) of the mixing tool (3) and forms over its length an acute angle (a) with a plane (E) perpendicular to the rotational axis (10) of the mixing tools (3).

No. of Pages: 32 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :26/03/2014

(21) Application No.2326/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS FOR PROCESSING PLASTIC MATERIAL

(51) International

:B29B13/10,B29B17/04,B29C47/10

classification

(31) Priority Document No

:A 1510/2011

(32) Priority Date (33) Name of priority country: Austria

:14/10/2011

(86) International Application :PCT/AT2012/050153

:12/10/2012

Filing Date

(87) International Publication :WO 2013/052981

:NA

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date (57) Abstract:

(71)Name of Applicant:

1)EREMA ENGINEERING RECYCLING MASCHINEN

UND ANLAGEN GESELLSCHAFT M.B.H.

Address of Applicant: Freindorf Unterfeldstrasse 3 A 4052 Ansfelden Austria

(72)Name of Inventor:

1)FEICHTINGER Klaus

2)HACKL Manfred

THE INVENTION RELATES TO AN APPARATUS FOR PREPROCESSING AND SUBSEQUENTLY CONVEYING OR PLASTICIZING PLASTICS COMPRISING A CONTAINER (1) WITH A MIXING AND/OR COMMINUTING TOOL (3) THAT CAN ROTATE ABOUT A ROTATIONAL AXIS (10) WHEREIN AN OPENING (8) IS FORMED IN A LATERAL WALL (9) THROUGH WHICH THE PLASTIC MATERIAL CAN BE DISCHARGED AND A CONVEYOR (5) IS PROVIDED WITH A SCREW (6) ROTATING IN A HOUSING (16). THE INVENTION IS CHARACTERIZED IN THAT THE IMAGINARY EXTENSION OF THE LONGITUDINAL AXIS (15) OF THE CONVEYOR (5) PASSES BY THE ROTATIONAL AXIS (10) COUNTER THE CONVEYING DIRECTION (17) WHEREIN THE LONGITUDINAL AXIS (15) IS ON THE OUTLET SIDE OFFSET BY A DISTANCE (18) IN RELATION TO THE RADIAL (11) THAT IS PARALLEL TO THE LONGITUDINAL AXIS (15). THE ACTIVE CONTAINER VOLUME (SV) IS IN RELATION TO THE FEED VOLUME (BV) OF THE CONTAINER OR CUTTER COMPACTOR (1) IN A RATIO (V) WITH WHEREIN 4 = 30 THE ACTIVE CONTAINER VOLUME (SV) HAVING THE FORMULA (I) D BEING THE INNER DIAMETER OF THE CONTAINER (1) THE FEED VOLUME (BV) BEING DETERMINED ACCORDING TO FORMULA (II) AND H REPRESENTING THE HEIGHT OF THE FEED OPENING (80).

No. of Pages: 27 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SQUARE WAVE THERMAL CYCLING

(51) International classification	:G01N21/64	(71)Name of Applicant :
(31) Priority Document No	:61/547199	1)BECTON DICKINSON AND COMPANY
(32) Priority Date	:14/10/2011	Address of Applicant :1 Becton Drive Franklin Lakes NJ
(33) Name of priority country	:U.S.A.	07417 1880 U.S.A.
(86) International Application No	:PCT/US2012/059816	(72)Name of Inventor:
Filing Date	:11/10/2012	1)STEEL Adam
(87) International Publication No	:WO 2013/055963	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2997/DELNP/2014 A

(57) Abstract:

Embodiments disclosed herein relate to methods and systems for analysis of melting temperatures and particularly to analysis of duplex nucleic acids.

No. of Pages: 31 No. of Claims: 46

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHODS AND DEVICES FOR PROVIDING RECEIVING OR MANAGING MAPS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F17/30 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor:
(86) International Application No	:PCT/SE2011/051299	·
Filing Date (87) International Publication No	:01/11/2011 :WO 2013/066221	2)LARSSON Staffan 3)OLSSON Hjalmar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2998/DELNP/2014 A

(57) Abstract:

A method for retrieving maps from a map server is disclosed where as an intermediate step map meta data is requested on the basis of which one or more map can later be selected. Map meta data on the basis of location data indicating the location of the user device and map criteria specifying at least one condition for selecting maps which may be entered manually or automatically into a user device. The request is sent to a map server where a search for map meta data matching the received location data and map criteria is executed. In case of at least one match between the map meta data the location data and the map criteria map meta data associated with at least one map is provided to the user device such that the user device can select at least one map which can be acquired from the map server at least partly on the basis of the retrieved map meta data.

No. of Pages: 52 No. of Claims: 27

(21) Application No.2999/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : PRODUCTION OF PORPHYRIN CONTAINING POLYPEPTIDES IN THE PRESENCE OF FORMATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/564232 :28/11/2011 :U.S.A. :PCT/US2012/066106 :20/11/2012 :WO 2013/081916 :NA	(71)Name of Applicant: 1)DANISCO US INC. Address of Applicant:925 Page Mill Road Palo Alto California 94304 U.S.A. (72)Name of Inventor: 1)SIMS Evan
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present compositions and methods relate to the production of polypeptides in submerged culture and specifically the large scale production of porphyrin containing polypeptides e.g. catalase by microbial fermentation in the presence of formate.

No. of Pages: 16 No. of Claims: 20

(21) Application No.363/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR THE ENZYMATIC SYNTHESIS OF (7S) -3,4-DIMETHOXYBICYCLO [4.2.0] OCTA-1,3,5-TRIENE-7- CARBOXYLIC ACID, AND APPLICATION IN THE SYNTHESIS OF IV ABRADINE AND SALTS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07C :13/51785 :28/02/2013 :France :NA :NA	SURESNES, CEDEX, FRANCE (72)Name of Inventor: 1)SANDRINE PEDRAGOSA MOREAU
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		2)FRANCOIS LEFOULON
Filing Date	:NA	

(57) Abstract:

Process for the enzymatic synthesis of the compound of formula (I): H3C-O. H3C-O (S) (I) HO 5 Application in the synthesis of ivabradine and addition salts thereof with a pharmaceutically acceptable acid.

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

(21) Application No.2916/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: VECTORS ENCODING ROD DERIVED CONE VIABILITY FACTOR

(51) International classification (31) Priority Document No	1:A61K38/00,A61P9/10,A61P27/02 :61/552155	(71)Name of Applicant: 1)WELLSTAT OPHTHALMICS CORPORATION
(32) Priority Date	:27/10/2011	Address of Applicant :930 Clopper Road Gaithersburg MD
(33) Name of priority country	:U.S.A.	20878 U.S.A.
(86) International Application No	:PCT/US2012/062106 :26/10/2012	(72)Name of Inventor : 1)LUO Tianci
Filing Date (87) International Publication No	:WO 2013/063383	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to nucleic acids coding for and capable of expressing a rod derived cone viability factor (RdCVF) and viral vectors containing these nucleic acids. The invention also relates to compositions and pharmaceutical preparations comprising these nucleic acids or vectors methods of producing or secreting an RdCVF and methods of treatment.

No. of Pages: 89 No. of Claims: 57

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INFORMATION AND CONTROL SYSTEM FOR A MULTIFUNCTIONAL AIRCRAFT

(71)Name of Applicant: (51) International classification :G05B19/00,G05D1/00 1)OTKRYTOE AKCIONERNOE OBSCHESTVO OKB (31) Priority Document No :2011138065 SUHOGO (32) Priority Date :16/09/2011 Address of Applicant :ul. Polikarpova 23 A Moscow 125284 (33) Name of priority country :Russia (86) International Application No :PCT/RU2012/000763 (72)Name of Inventor: Filing Date :14/09/2012 1)POGOSYAN Mihail Aslanovich (87) International Publication No :WO 2013/039431 2)DAVIDENKO Aleksandr Nikolaevich (61) Patent of Addition to Application :NA 3)STRELETS Mihail Yurievich Number 4)POLYAKOV Viktor Borisovich :NA Filing Date 5)GRIBOV Dmitriy Igorevich (62) Divisional to Application Number :NA 6)BARANOV Aleksandr Sergeevich Filing Date :NA 7)BOBROV Sergev Viktorovich

(57) Abstract:

The invention relates to the field of aerospace instrument making specifically to complexes for controlling and indicating the state of an aircraft (AC). The proposed information and control system (ICS) comprises the following elements: 1 a television signal conversion unit (TSCU) 2 an external storage device (ESD) 3 an information and control field (ICF) 4 a signal concentrator unit (SCU) 5 an on board digital computation system (ODCS) 6 an information interchange channel (IIC) 7 an input/output and interchange control unit (IOICU) 8 an indicative data generation unit (IDGU) 9 an airplane wide equipment control unit (AECU) 10 a navigational calculations unit (NCU) 11 an electronic countermeasure control unit (ECCU) 12 a flight plan database (IADB) 13 a low altitude flight unit (LHFU) 14 a groupwise aerial navigation unit (GANU) 15 an aircraft control unit (ACCU) 16 a unit for controlling the recording of the flight recorder (UCRFR) 17 a combat use unit (CUU) 18 a mode control unit (MCU) 19 a digital location map unit (DLMU) 20 an electromagnetic compatibility unit (EMCU) 21 a television signal conversion control unit (TSCCU) 22 a technical services unit (TSU) 23 a state monitoring and indicator unit (SMIU) 24 interfacing equipment (IE) 25 a switching unit (SU) 26 a network based information interchange channel (NIIC).

No. of Pages: 28 No. of Claims: 4

(21) Application No.2918/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH SURFACE AREA FLOW BATTERY ELECTRODES

(51) International classification :H01M8/02,H01M8/18,H01M4/62 (71)Name of Applicant :

(31) Priority Document No :13/274495 (32) Priority Date :17/10/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/059632

No Filing Date :11/10/2012

(87) International Publication :WO 2013/059056

No (61) Potent of Addition to

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

1)LOCKHEED MARTIN CORPORATION
Address of Applicant :6801 Rockledge Drive Bethesda
Maryland 20817 U.S.A.

(72)Name of Inventor:
1)SINSABAUGH Steven L.
2)PENSERO Gregory

3)LIU Han

4)HETZEL Lawrence P.

A flow cell battery includes at least one anode compartment and at least one cathode compartment with a separator membrane disposed between each anode compartment and each cathode compartment. Each anode compartment and cathode compartment includes a bipolar plate a fluid electrolyte and at least a carbon nanomaterial on the surface of the bipolar plate wherein the fluid electrolyte flows around the carbon nanomaterial.

No. of Pages: 19 No. of Claims: 24

(21) Application No.2967/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: STABLE FORMULATIONS CONTAINING FUMED ALUMINUM OXIDE

(51) International classification :A01P3/00,A01P7/00,A01P13/00 (71)Name of Applicant: (31) Priority Document No :61/548273 (32) Priority Date :18/10/2011 (33) Name of priority country 19103 U.S.A. :U.S.A. (86) International Application

:PCT/US2012/060571 No

:17/10/2012 Filing Date

(87) International Publication No:WO 2013/059288

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)FMC CORPORATION

Address of Applicant: 1735 Market Street Philadelphia PA

(72)Name of Inventor: 1)MARTIN Timothy

(57) Abstract:

The present invention provides novel herbicidal aqueous suspoemulsion or aqueous suspension concentrate compositions containing an herbicidal active agent and fumed alumina as a stabilization agent that have superior chemical and physical stability as well as superior re dispersion properties.

No. of Pages: 21 No. of Claims: 7

(21) Application No.2968/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SIDE LOADING RATCHET DEVICE

(51) International classification	:B60P7/08,B25B25/00	(71)Name of Applicant:
(31) Priority Document No	:61/535681	1)ARMOUR HOLDINGS LIMITED
(32) Priority Date	:16/09/2011	Address of Applicant :18 Princes Street Dunedin 9016 New
(33) Name of priority country	:U.S.A.	Zealand
(86) International Application No	:PCT/NZ2012/000165	(72)Name of Inventor:
Filing Date	:13/09/2012	1)ARMOUR Barry Douglas
(87) International Publication No	:WO 2013/039408	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A ratchet device 1 for a strap has a body 105 having a side member 109 and a spool 119 having a side 119a rotatably supported by the side member and a ratchet wheel 121 fixed thereto. The body has a member 161 moveable between an open position in which the other side 119b of the spool is exposed to enable a strap to be laterally loaded into the spool 119 from the exposed side of the spool and laterally unloaded from the spool and a closed position in which said lateral loading and unloading are prevented.

No. of Pages: 47 No. of Claims: 30

(21) Application No.978/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: LATCHING DEVICE FOR A HEAD RESTRAINT

(51) International classification	:B60N2/48	(71)Name of Applicant:
(31) Priority Document No	:10 2010 035 429.5	1)JOHNSON CONTROLS GMBH
(32) Priority Date	:26/08/2010	Address of Applicant :Industriestrae 20 30 51399 Burscheid
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/064622	(72)Name of Inventor:
Filing Date	:25/08/2011	1)GOTTWALD Martin
(87) International Publication No	:WO 2012/025586	2)STR NSKY J;n
(61) Patent of Addition to Application	:NA	3)PTASINSK Mikul;s
Number		4)MARTINKA Michael
Filing Date	:NA	5)SCHMITT Daniel
(62) Divisional to Application Number	:NA	6)MICHALKA Ralph
Filing Date	:NA	_

(57) Abstract:

In a latching device (1) for a head restraint (9) a locking element (2) is movably mounted in a carrier device (3). The locking element (2) can be moved from a locked position (L) into an unlocked position (U) by means of an actuation of an actuating device (6). The latching device (1) is movably mounted with respect to a retaining rod (7). In the unlocked position (U) the locking element (2) allows the latching device (1) to be moved with respect to the retaining rod while in the locked position (L) the locking element (2) engages in at least one cut out (7.1) of the retaining rod (7) for latching the latching device (1) with respect to the retaining rod (7). According to the invention in the locked position (L) the carrier device (3) together with the locking element (2) arranged therein is mirror symmetrical to an xz plane (XZ) extending substantially perpendicularly to the carrier device (3).

No. of Pages: 28 No. of Claims: 10

(21) Application No.2529/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FILLING LEVEL MEASURING DEVICE AND METHOD FOR DETERMINING A FUNCTIONAL RELATIONSHIP BETWEEN DIFFERENT TRACKS

(51) International classification :G01F23/284,G01F23/296 (71)Name of Applicant :

(31) Priority Document No :61/547863 (32) Priority Date :17/10/2011 :U.S.A.

(33) Name of priority country (86) International Application No :PCT/EP2012/070322

Filing Date :12/10/2012

(87) International Publication No :WO 2013/057056

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number: NA Filing Date :NA

1)VEGA GRIESHABER KG

Address of Applicant : Hauptstr. 1 5 77709 Wolfach Germany

(72)Name of Inventor: 1)HOFERER Christian 2)WELLE Roland

(57) Abstract:

According to one aspect of the invention the parameters of a target function which describes the relationship of the positions between two different tracks are calculated. With the aid of this target function the position of one track can then be used to infer the position of another track.

No. of Pages: 28 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SELF-GELLING ALGINATE SYSTEMS AND USES THEREOF

(51) International classification (71)Name of Applicant: :A23L 1)FMC BIOPOLYMER AS (31) Priority Document No :60/617,852 (32) Priority Date :12/10/2004 Address of Applicant: Tomtegt. 36, N-3013 Drammen, (33) Name of priority country :U.S.A. Norway (86) International Application No :PCT/US2005/036460 (72)Name of Inventor : Filing Date :12/10/2005 1)MELVIK, Jan-Egil (87) International Publication No : NA 2)DORNISH, Michael (61) Patent of Addition to Application 3)ONSOYEN, Edvar :NA 4)BERGE, Astrid B. :NA Filing Date 5)SVENDSEN, Terje (62) Divisional to Application Number :2607/DELNP/2007 Filed on :09/04/2007

(57) Abstract:

Kits and compositions for producing an alginate gel are disclosed. The kits and compositions comprise soluble alginate and insoluble alginate/gelling ion particles. Methods for dispensing a self-gelling alginate dispersion are disclosed. The methods comprise forming a dispersion of insoluble alginate/gelling ion particles in a solution containing soluble alginate, and dispensing the dispersion whereby the dispersion forms an alginate gel matrix. The methods may include dispensing the dispersion into the body of an individual. An alginate gel having a thickness of greater than 5 mm and a homogenous alginate matrix network and homogenous alginate gels free of one or more of: sulfates citrates, phosphates, lactatates, EDTA or lipids are disclosed. Implantable devices comprising a homogenous alginate gel coating are disclosed. Methods of improving the viability of pancreatic islets, or other cellular aggregates or tissue, following isolation and during storage and transport are disclosed.

No. of Pages: 52 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SCREW CONVEYOR INTERMEDIATE SUPPORT

(51) International classification	:F16C33/74,B65G33/32	(71)Name of Applicant:
(31) Priority Document No	:BO2011A000534	1)WAMGROUP S.p.A.
(32) Priority Date	:16/09/2011	Address of Applicant :Strada degli Schiocchi 12 Modena Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:PCT/IB2012/054827	1)MARCHESINI Vainer
Filing Date	:14/09/2012	2)GOVONI Davide
(87) International Publication No	:WO 2013/038387	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2422/DELNP/2014 A

(57) Abstract:

An intermediate support (5) for a screw conveyor (1) which has a first shaft (3) rotating about an axis of rotation (X) and defined by a number of segments (3); and a casing (2). The intermediate support (5) has a movable assembly (MA) which is coaxial with and rotates about the axis of rotation (X) is integral with the first shaft (3) and has a second shaft (6) for connecting two segments (3) and a bushing (7) fitted onto the second shaft (6); and a fixed assembly (FA) which is coaxial with the axis of rotation (X) and has a supporting body (8) fitted to the bushing (7) and connected rigidly to the casing (2) and a number of annular shields (33) coaxial with the axis of rotation (X) and interposed between the supporting body (8) and the bushing (7).

No. of Pages: 18 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FLUID PRESSURE DRIVEN MOTOR WITH PRESSURE COMPENSATION CHAMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F01B15/04 :13/275356 :18/10/2011 :U.S.A. :PCT/IB2012/055625 :16/10/2012 :WO 2013/057657	(71)Name of Applicant: 1)HYDRO INDUSTRIES TYNAT LTD. Address of Applicant: P.O.Box 1041 18000 Afula Ilit Israel (72)Name of Inventor: 1)NAGLER Ehud
(87) International Publication No		

(21) Application No.2961/DELNP/2014 A

(57) Abstract:

A fluid driven motor has a manifold with an arcuate seal including first and second valve openings and a sealing surface. A cylinder pivotally mounted on the manifold has a facing surface cooperating with the arcuate seal. The arcuate seal and the facing surface define a position responsive valve configuration such that when the cylinder assumes a neutral position an aperture of the facing surface faces the sealing surface and when the cylinder is angularly displaced in either direction the aperture overlaps one or other of the valve openings thereby connecting to the correspond fluid flow channel in the manifold. A pressure compensation volume underlies the sealing surface and receives fluid pressure from the fluid flow channels through valves or from the internal volume of the cylinder so that a pressure within the pressure compensation volume approaches a value no less than a current pressure within the internal volume.

No. of Pages: 31 No. of Claims: 11

(21) Application No.979/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date: 13/03/2015

(54) Title of the invention : METHOD FOR PRODUCING HEAD RESTRAINTS FOR VEHICLE SEATS AND ONE SUCH HEAD RESTRAINT

(31) Priority Document No:10 2010 0(32) Priority Date:13/08/201(33) Name of priority country:Germany	Address of Applicant :Industriestrae 20 30 51399 Burscheid Germany 011/057036 (72)Name of Inventor: 1)FRITSCH Christophe
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(57) Abstract:

The invention relates to a head restraint (1) for a vehicle seat having a head restraint body and at least one support element (4) wherein a covering (3) is provided at least in sections on the outside of the head restraint body which forms a surface of the head restraint (1). According to the invention the cover (3) is formed from at least one front section (3.1) and one rear section (3.2) which can be coupled to each other in a balloon or bag like manner by means of at least one connecting seam (5) wherein a profile element (6) is incorporated in the at least one connecting seam (5) at least in sections in a force fit and/or form fit manner forming a recess protrusion and/or edge (2) on the surface of the head restraint (1). The invention further relates to a method for producing a head restraint.

No. of Pages: 15 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :07/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : TURBOMACHINE COMPONENT WITH AN EROSION AND CORROSION RESISTANT COATING SYSTEM AND METHOD FOR MANUFACTURING SUCH A COMPONENT

(51) International classification	:F01D	(71)Name of Applicant :
(31) Priority Document No	:13155518.7	1)ALSTOM TECHNOLOGY LTD.
(32) Priority Date	:15/02/2013	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EUROPEAN	BADEN SWITZERLAND
(55) Ivaine of priority country	UNION	2)ROLLS-ROYCE DEUTSCHLAND LTD & CO KG
(86) International Application No	:NA	3)FRAUNHOFER-GESELLSHAFT ZUR FOERDERUNG
Filing Date	:NA	DER ANGEWANDTEN FORSCHUNG E.V.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KLAM, HANS-JOACHIM
Filing Date	:NA	2)ORTNER, KAI
(62) Divisional to Application Number	:NA	3)ULRICHSOHN, BJORN
Filing Date	:NA	

(57) Abstract:

A turbomachine component (10) of a stationary turbomachine comprising a substrate (16) made of high alloyed 10% to 18% chromium steels or titanium alloys or nickel base alloys or cobalt base alloys with a substrate surface (19) and an erosion and corrosion resistant coating system (17, 18, 20) is described. The coating system comprising a first layer (17), which is deposited on the substrate surface (19) of said turbomachine component (10) and acts as a corrosion resistant layer, and further comprising a second layer (18), which is deposited on said first layer (17) and acts as an erosion resistant layer, wherein said first layer (17) is a Zr single layer and said second layer (18) is a W/WC multilayer.

No. of Pages: 16 No. of Claims: 12

(21) Application No.897/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CAR BODY STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B62D25/20 :NA :NA :NA :PCT/JP2011/069951 :01/09/2011 :WO 2013/031008	1)IWAMOTO Hiroaki 2)KISHIMA Fumihiko
	:PCT/JP2011/069951	(72)Name of Inventor:
Filing Date	:01/09/2011	1)IWAMOTO Hiroaki
` '	:WO 2013/031008	2)KISHIMA Fumihiko
(61) Patent of Addition to Application	:NA	3)KOIZUMI Kazuya
Number	:NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a cost saving car body structure which shows an improved crash performance in an offset crash. The car body structure (10) of the present invention comprises: a floor panel upper (20); a locker (30) which comprises a locker upper (32) and a locker lower (34) which are disposed at an outer side in a car width direction of the floor panel upper (20) to extend in a front back direction of a car and divided in an upward downward direction of the car; a floor reinforcement (40) which is disposed at a car rear side of a front side member (12) and at a middle position between the locker (30) and a tunnel portion (22) disposed at a car width directional middle position of the floor panel upper (20) to extend in the front back direction of the car; and a middle reinforcement (54) which is disposed between the locker (30) and the floor reinforcement (40) to extend in the front back direction of the car disposed at a car lower side of the floor panel upper (20) and forms a single unit with the locker lower (34) through a flange portion (63).

No. of Pages: 34 No. of Claims: 9

(21) Application No.382/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SECURITY SYSTEM WITH INTEGRATED HV AC CONTROL

(51) I	A 0.017	(71)NI
(51) International classification	:A23K	(71)Name of Applicant:
(31) Priority Document No	:13/777,460	1)HONEY WELL INTERNATIONAL INC.
(32) Priority Date	:26/02/2013	Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NJ 07962-2245, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ERIC OH
(61) Patent of Addition to Application Number	:NA	2)RONALD K. ROTHMAN
Filing Date	:NA	3)KENNETH L. ADDY
(62) Divisional to Application Number	:NA	4)DAVID S. ZAKREWSKI
Filing Date	:NA	

(57) Abstract:

A monitoring security system can be coupled to a thermostatic HVAC control module, either wired or wirelessly. In at least some embodiments, the thermostatic module can be communicated with via an interactive interface of the security system. Information as to the operation of the security system and the module can be presented on a common display of the security system, and commands, which are directed to the module, can be entered via the security system.

No. of Pages: 18 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :07/02/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention : SUBMARINE CONSTRUCTION FOR TSUNAMI AND FLOODING PROTECTION, FOR TIDAL ENERGY AND ENERGY STORAGE, AND FOR FISH FARMING

(51) International classification	:E02B	(71)Name of Applicant:
(31) Priority Document No	:2013- 23131	1)SCHEEL, HANS J. Address of Applicant :C/O SCHEEL CONSULTING
(32) Priority Date		SONNENHOF 13 8808 PFAFFIKON - SWITZERLAND
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SCHEEL, HANS J.
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:

Construction of buildings in deep sea by conventional methods is extremely difficult. A new technology by using steel fences and anchors, and fixed by inserted rocks, will be demonstrated with the example of efficient vertical Tsunami barriers extending at least 20m up to 4km below sea level. The double-pontoon technology facilitates construction of barriers, roads, channels and other structures into the sea. New gained land surface, renewable tidal energy and energy storage by pumping, and also the fishing farms between Tsunami barrier and shore may compensate most of the costs. Walls and buildings in deep sea may assist deep-sea mining. Vertical walls extending above sea level, preferably protected with hanging triangular structures as surge stoppers, with massive stabilization landward, will replace conventional dikes and levees and will save land areas. Vertical walls of fences extending above sea level, which are circular and filled with rocks, surround pillars to protect offshore platforms, wind power plants, bridge pillars and other submarine structures.

No. of Pages: 67 No. of Claims: 28

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :02/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOW PLATINUM LOAD ELECTRODE

:NA

(51) International classification :H01M4/92,H01M8/10,B01J23/42 (71)Name of Applicant : 1)UNITED TECHNOLOGIES CORPORATION (31) Priority Document No :NA (32) Priority Date Address of Applicant :One Financial Plaza Floor 22 Hartford :NA (33) Name of priority country CT 06103 U.S.A. :NA (86) International Application (72)Name of Inventor: :PCT/US2011/001195 1)MASON Robert Darling :08/07/2011 Filing Date 2)KANDOI Shampa (87) International Publication 3) ONEILL Jonathan Daniel :WO 2013/009275 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(21) Application No.27/DELNP/2014 A

(57) Abstract:

Filing Date

(19) INDIA

AN ELECTRODE FOR AN ELECTROCHEMICAL CELL INCLUDES PLATINUM CATALYSTS CARBON SUPPORT PARTICLES AND AN IONOMER. THE CARBON SUPPORT PARTICLES SUPPORT THE PLATINUM CATALYSTS AND THE IONOMER CONNECTS THE PLATINUM CATALYSTS. THE ELECTRODE HAS A PLATINUM LOADING LESS THAN ABOUT 0.2 MG/CM AND AN IONOMER TO CARBON RATIO BETWEEN ABOUT 0.5 AND ABOUT 0.9. A MEMBRANE ELECTRODE ASSEMBLY INCLUDES A PROTON EXCHANGE MEMBRANE A CATHODE LAYER AND AN ANODE LAYER. THE CATHODE LAYER INCLUDES PLATINUM CATALYSTS CARBON SUPPORT PARTICLES FOR SUPPORTING THE PLATINUM CATALYSTS AND AN IONOMER CONNECTING THE PLATINUM CATALYSTS. THE CATHODE LAYER HAS A PLATINUM LOADING LESS THAN ABOUT 0.2 MG/CM AND AN IONOMER TO CARBON RATIO BETWEEN ABOUT 0.5 AND ABOUT 0.9. THE ANODE LAYER INCLUDES PLATINUM CATALYSTS CARBON SUPPORT PARTICLES FOR SUPPORTING THE PLATINUM CATALYSTS AND AN IONOMER CONNECTING THE PLATINUM CATALYSTS.

No. of Pages: 14 No. of Claims: 20

(21) Application No.409/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DEVICES SYSTEMS AND METHODS FOR SUTURE MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08G :13/869,625 :24/04/2013 :U.S.A. :NA	Address of Applicant :325 PARAMOUNT DRIVE, RAYNHAM, MA 02767, USA U.S.A. (72)Name of Inventor: 1)JOSEPH HERNANDEZ
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)BENJAMIN CLEVELAND 3)MEGHAN VENTO

(57) Abstract:

Devices, systems, and methods are provided for managing suture filament during a tissue repair procedure. One exemplary embodiment of an anchor insertion tool includes a handle, an elongate shaft extending distally from the handle, and a ring disposed around the elongate shaft. The ring can be configured to slide along a length of the shaft, and can be configured to engage a filament extending from an anchor removably coupled to the shafts distal end during a suture anchor insertion procedure. In some embodiments, the ring can include one or more slots for receiving a filament and maintaining a tension applied to the filament. The ring can also include features that prevent it from rotating with respect to the shaft, such as a boss formed on a rings central op, ening that engages a slot formed in the shaft. Other devices, systems, and methods for suture anchor insertion are also provided.

No. of Pages: 31 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INSTRUMENT REPROCESSING METHOD

(51) International classification	:A61B1/12,A61B19/00	(71)Name of Applicant :
(31) Priority Document No	:13/278874	1)ETHICON INC.
(32) Priority Date	:21/10/2011	Address of Applicant :P.O. Box 151 U.S. Route 22 Somerville
(33) Name of priority country	:U.S.A.	New Jersey 08876 U.S.A.
(86) International Application No	:PCT/US2012/060808	(72)Name of Inventor:
Filing Date	:18/10/2012	1)NGUYEN Nick N.
(87) International Publication No	:WO 2013/059455	2)BHAUMIK Ujjal
(61) Patent of Addition to Application	:NA	3)WILLIAMS Hal
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2939/DELNP/2014 A

(57) Abstract:

An instrument reprocessor for cleaning disinfecting and/or sterilizing a medical instrument is disclosed. To reprocess instruments having one or more channels defined therein the reprocessor can include one or more flow control systems configured to control a flow of fluid through each channel. In various embodiments a flow control system can include a differential pressure sensor and a proportional valve for controlling the fluid flow in a channel. The reprocessor can also include one a fluid circulation pump which can be configured to supply the flow control systems with fluid and two a system for controlling the pressure of the fluid supplied to the flow control systems. The reprocessor can also include a system for supplying a metered amount of fluid to the fluid circulation system. The system can include a reservoir having a fluid height sensor to monitor the amount of fluid therein and a pump configured to supply the reservoir with fluid.

No. of Pages: 68 No. of Claims: 7

(21) Application No.410/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD OF USING A LIGHT CONDUIT IN POSITION DETECTOR

(51) International classification(31) Priority Document No	:H04M :13/778,927	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:27/02/2013	Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
(33) Name of priority country	:U.S.A.	2245 MORRISTOWN, N.J. 07962-2245, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TIANFENG ZHAO
(87) International Publication No	: NA	2)ZHONGYA JIANG
(61) Patent of Addition to Application Number	:NA	3)PAUL M. POPOWSKI
Filing Date	:NA	4)GUENTER WATZLAWIK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A position detector includes a source of radiant energy, such as infrared light. A sensor is spaced from the source. The source and the sensor can be carried spaced apart from one another by a housing. Control circuits, carried by the housing, are coupled to the source and the sensor. Pulsed radiant energy, emitted by the source is incident on the sensor only when transmitted by a solid optical medium which has a predetermined orientation relative to the housing. When the medium has the predetermined orientation, the sensor receives transmitted radiant energy from the source. When the medium moves from the predetermined orientation, the sensor ceases to receive the transmitted radiant energy from the source, and the control circuits can generate an alarm indication.

No. of Pages: 14 No. of Claims: 13

(21) Application No.2955/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SMALL GAUGE SURGICAL INSTRUMENT WITH ADJUSTABLE SUPPORT

(51) International classification	:A61F9/007,A61B1/07	(71)Name of Applicant :
(31) Priority Document No	:61/539655	1)RYAN Edwin
(32) Priority Date	:27/09/2011	Address of Applicant :752 Goodrich St. Paul Minnesota 55105
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/057545	(72)Name of Inventor:
Filing Date	:27/09/2012	1)RYAN Edwin
(87) International Publication No	:WO 2013/049341	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A small gauge surgical instrument is shown with advantages such as diminished play at the tip. A surgical instrument assembly is also shown with support along a length of the instrument that can be selected by the surgeon. Devices and method described provide adjustability of the instrument without protruding into a gripping surface of the instrument.

No. of Pages: 17 No. of Claims: 13

(22) Date of filing of Application :31/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CONSTRUCT

(51) International

:C12N15/86,C12N15/55,A61K48/00

classification

(19) INDIA

(31) Priority Document No :1118636.8 (32) Priority Date :28/10/2011

(33) Name of priority :U.K.

country

(86) International :PCT/GB2012/052668 Application No

:NA

:26/10/2012 Filing Date

(87) International Publication: WO 2013/061076

(61) Patent of Addition to :NA

Application Number Filing Date

:NA (62) Divisional to :NA Application Number

Filing Date

(71)Name of Applicant:

1)OXFORD BIOMEDICA (UK) LIMITED

(21) Application No.2500/DELNP/2014 A

Address of Applicant: Medawar Centre Robert Robinson Avenue The Oxford Science Park Oxford Oxfordshire OX4 4GA

U.K.

(72)Name of Inventor:

1)MITROPHANOUS Kyriacos

2)RALPH Scott

3)STEWART Hannah

4)KINGSMAN Alan

(57) Abstract:

The present invention provides a construct comprising (i) a nucleotide sequence which encodes tyrosine hydroxylase (TH) (ii) a nucleotide sequence which encodes GTP cyclohydrolase I (CH1) and (iii) a nucleotide sequence which encodes Aromatic Amino Acid Dopa Decarboxylase (AADC) wherein the nucleotide sequence encoding TH is linked to the nucleotide sequence encoding CHI such that they encode a fusion protein TH CH1. The invention also provides a viral vector comprising such a nucleotide sequence and its use in the treatment and/or prevention of Parkinson s disease.

No. of Pages: 67 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application: 22/01/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR PRODUCING A CU CR MATERIAL BY POWDER METALLURGY

(51) International classification :B22F3/10,B22F3/16,B22F3/24 (71)Name of Applicant :

(31) Priority Document No :GM 484/2010 (32) Priority Date :03/08/2010

(33) Name of priority country :Austria

(86) International Application No :PCT/AT2011/000319

Filing Date :01/08/2011 (87) International Publication No :WO 2012/016257

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)PLANSEE POWERTECH AG

Address of Applicant :Retterswill 13 CH 5703 Seon

Switzerland

(72)Name of Inventor: 1)KOWANDA Claudia 2)MLLER Frank

(57) Abstract:

The invention provides a process for producing a Cu Cr material for a switching contact in particular for vacuum switches by powder metallurgy said process comprising the following steps: (S2) a Cu Cr powder mixture formed from Cu powder and Cr powder is pressed (S3) the pressed Cu Cr powder mixture is sintered to form the material of the Cu Cr switching contact. The sintering or a subsequent heat treatment process is carried out with an alternating temperature profile in which the Cu Cr powder mixture or the Cu Cr material is heated at least twice alternately above an upper temperature limit value (S4) and is cooled again below a lower temperature limit value (S5). All of the steps are carried out at temperatures at which no molten phase forms.

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

(19) INDIA

(22) Date of filing of Application :28/03/2014

(21) Application No.2451/DELNP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ELECTRONIC INJECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61M5/20 :11183169.9 :28/09/2011 :EPO :PCT/EP2012/069192 :28/09/2012 :WO 2013/045617 :NA :NA	(71)Name of Applicant: 1)Q MED AB Address of Applicant: Seminariegatan 21 S 752 28 Uppsala Sweden (72)Name of Inventor: 1)DOLK Jonas 2)HIMBERT Hans 3)T-RNSTEN Jonas 4)BLOMQVIST Max
(61) Patent of Addition to Application Number	:NA	3)T-RNSTEN Jonas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an injection device (100) for delivering liquid compositions such as viscous hyaluronic acid gels. The device comprises a generally elongated housing (1) having first and second ends (20 30) and the housing is adapted to receive an exchangeable cartridge (2) comprising the liquid composition proximal to the first end (20). A drive mechanism is arranged within the housing comprising an electric motor and a power source typically a rechargeable battery. The motor is coupled to a plunger rod which is intended to act on the cartridge (2) received in the housing (1) in order to expel the liquid composition contained in the cartridge (2). A first actuation means (8) for actuating the drive mechanism is provided on an upper side of the elongated housing (1) proximal to the first end (20) of the housing (1) and a second actuation means (9) for actuating the drive mechanism is provided at the second end (30) of the housing (1).

No. of Pages: 26 No. of Claims: 15

(21) Application No.2452/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEWATERING OF PHOSPHATE PRECIPITATES

(51) International :C01B25/45,C01B25/30,C02F11/12 classification

(31) Priority Document No :11509528 (32) Priority Date :13/10/2011

(33) Name of priority country: Sweden

(86) International Application :PCT/SE2012/050810

No :06/07/2012 Filing Date

(87) International Publication :WO 2013/055279

No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant: 1)EKOBALANS FENIX AB

Address of Applicant: Forskningsbyn IDEON S 223 70 Lund

Sweden

(72)Name of Inventor: 1)THELIN Gunnar

The present invention describes a process for the treatment of a precipitate starting material comprising magnesium ammonium phosphate magnesium potassium phosphate or potassium phosphate or any derivate thereof or a mixture thereof said process comprising dewatering of the precipitate starting material wherein the dewatering is performed by use of a hydrocyclone followed by the removal of excess water by filtration and wherein the product obtained is a powder product. Furthermore the present invention also discloses a powder product comprising particles of magnesium ammonium phosphate and/or magnesium potassium phosphate wherein at least 75% of the particles have a particle size of maximum 10 µm and wherein at least 50% of the particles have

No. of Pages: 19 No. of Claims: 22

a particle size in the range of 4 10 µm.

(21) Application No.2974/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ANTIMICROBIAL COMPOSITION OF ORTHO PHENYLPHENOL AND SILVER

(51) International :A01N59/16,A01N31/08,A01P1/00

classification :AUIN39/10,AUIN31/08,AUIP1/00

(31) Priority Document No :61/565654 (32) Priority Date :01/12/2011 (33) Name of priority country :U.S.A. (86) International Application :PCT/US2012/066648

No :PCT/US2012/066648

Filing Date :27/11/2012

(87) International Publication :WO 2013/082025

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application
Number:NA:NA:NA

Filing Date (57) Abstract :

(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)GHOSH Tirthankar 2)ROGERSON Thomas G.

3)PAREEK Kiran

Provided are antimicrobial compositions comprising: ortho phenylphenol and silver. The compositions are useful for controlling microorganisms in aqueous or water containing systems.

No. of Pages: 13 No. of Claims: 5

(21) Application No.2975/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FUSED THIOPHENES METHODS OF MAKING FUSED THIOPHENES AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08G75/06 :61/553326 :31/10/2011 :U.S.A. :PCT/US2012/062736 :31/10/2012 :WO 2013/066973	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor: 1)HE Mingqian 2)LI Jianfeng
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MATTHEWS James Robert 4)NIU Weijun 5)WALLACE Arthur L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein are compositions including heterocyclic organic compounds based on fused thiophene compounds polymers based on fused thiophene compounds and methods for making the monomers and polymer along with uses in thin film based and other devices.

No. of Pages: 82 No. of Claims: 32

(19) INDIA

(22) Date of filing of Application :17/01/2013

(21) Application No.555/DELNP/2013 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR THE PRODUCTION OF A BIOLOGICAL SUBSTANCE

(51) International alocaification	.C12N1/00	(71)Nome of Applicant
(51) International classification	:C12N1/00	(71)Name of Applicant:
(31) Priority Document No	:04075702.3	1)DSM IP ASSETS B.V.
(32) Priority Date	:05/03/2004	Address of Applicant :HET OVERLOON 1, NL-6411 TE
(22) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS,
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2005/002374	1)CROWLEY, JOHN
Filing Date	:04/03/2005	2)WUBBEN, MAIKE
(87) International Publication No	:WO 2005/095578	3)NA
(61) Patent of Addition to Application	:NA	4)COCO MARTIN, JOSE MANUEL
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:5130/DELNP/2006	
Filed on	:05/09/2006	

(57) Abstract:

Process for the production of a biological substance during the reduction of the degree of aggregation of aggregating cells in a cell culture to a level wherein no more than 5% of the cells comprise aggregates of at least 5 cells, wherein: a cell culture comprising cell culture medium which comprises salts, amino acids, vitamins, detergents, buffers, hormones, trace elements and carbohydrates and a suspension of cells that easily or inherently forms aggregates during culturing, are maintained in a continuous perfusion culturing system at a pH between 6.6 and 7.6, a temperature between 30° and 39° C, and an osmolarity between 260 and 400 mOsm/kg; the cell culture medium is added to the cell culture; the cell culture is circulated over a filter module comprising hollow fibers with an intemal diameter of between 0.3 and 6.0 mm resulting in an outflow of liquid having a lower cell density than the cell culture, the flow within the filter module being an alternating tangential flow, wherein no more than 5% of the animal cells in the culture form aggregates in suspension of at least 5 cells during the continuous perfusion cul

No. of Pages: 25 No. of Claims: 9

(21) Application No.2245/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD OF CREATING A VISIBLE MARK ON LENS USING A LEUCO DYE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02C7/02,B29D11/00,D06P1/00 :61/541604 :30/09/2011 :U.S.A. :PCT/US2012/057002 :25/09/2012 :WO 2013/048991 :NA :NA	(71)Name of Applicant: 1)JOHNSON & JOHNSON VISION CARE INC. Address of Applicant: 7500 Centurion Parkway Jacksonville FL 32256 U.S.A. (72)Name of Inventor: 1)LI Yongcheng 2)MAGGIO Stacey V. 3)PEGRAM Stephen C.
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(57) Abstract:

The present invention relates to a method for manufacturing a lens having at least one visible mark including the steps of (i) manufacturing a lens containing a leuco dye and (ii) activating the leuco dye in at least a portion of said contact lens to change the color of the leuco dye to create the visible mark.

No. of Pages: 34 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :18/11/2013

(21) Application No.9852/DELNP/2013 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: SINGLE PHASE WHITENING DENTIFRICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/09/2006 : NA :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant:300 Park Avenue, New York, New York 10022, USA U.S.A. (72)Name of Inventor: 1)CHOPRA Suman K. 2)ZAIDEL Lynette 3)PRENCIPE Michael
(62) Divisional to Application Number Filed on	:2313/DELNP/2008 :12/09/2006	

(57) Abstract:

SINGLE PHASE WHITENING DENTIFRICE A SINGLE PHASE WHITENING DENTIFRICE THAT INCLUDES (I) A WHITENING AGENT SELECTED FRO111 THE GROUP CONSISTING OF HYDROGEN PEROXIDE, A BOULDP EROXIDE AND A SOLID PEROXIDE (II) AN ABRASIVE AND (III) A SUBSTANTIALLY ANHYDROUS ORALLY ACCEPTABLE CARRIER, FOR EXAMPLE, POLYETHYLENE GLYCOL. THE BOUND PEROXIDE MAY BE HYDROGEN PEROXIDE AND A POLYMER ANDLOR ALLY PEROXIDE COMPOUND AND A POROUS CROSS-LINKED POLYMER, SUCH AS POLYMERS OF POLYVINYL PYRROLIDONE, POLYACRYLATES, A POLYMETHACRYLATES, AND A POLYITACONATES. THE SOLID PEROXIDE MAY BE SODIUM PERBORATE OR UREA PEROXIDE. THE INVENTION ALSO PROVIDES METHODS OF WHITENING THE TOOTH SURFACES BY CONTACTING THE SURFACE WITH THE COMPOSITION.

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

(19) INDIA

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYNCHRONIZER HUB

(51) International classification	:F16D23/06	(71)Name of Applicant:
(31) Priority Document No	:A 1316/2011	1)MIBA SINTER AUSTRIA GMBH
(32) Priority Date	:14/09/2011	Address of Applicant :Dr. Mitterbauer Strasse 3 A 4663
(33) Name of priority country	:Austria	Laakirchen Austria
(86) International Application No	:PCT/AT2012/050136	(72)Name of Inventor:
Filing Date	:13/09/2012	1)BUCHINGER J ¹ / ₄ rgen
(87) International Publication No	:WO 2013/036981	2)KRONBERGER Christian
(61) Patent of Addition to Application	:NA	3)OHLER Martin
Number	:NA	4)R-SSLER Horst
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2488/DELNP/2014 A

(57) Abstract:

The invention relates to a synchronizer hub (3) for a gearbox synchronization device (1) in a manual gearbox comprising a base body (29) having a radial outer peripheral surface (30) and two axial end faces (31 32) adjoining the circumferential surface (30) wherein an external tooth system (19) with radially outward pointing teeth (33) is arranged on the circumferential surface (30) interrupted by at least one recess (21) and with a ring groove (25) arranged in one of the end faces (32) and underneath the external tooth system (19) wherein the annular groove (25) is also interrupted by the at least one recess (21). Several segments (34) that extend in the radial direction into the area of the ring groove (25) and partially cover it are arranged on the axial end face (32).

No. of Pages: 22 No. of Claims: 14

(21) Application No.393/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : CONNECTING ROD FOR A WEAVING LOOM AND WEAVING LOOM COMPRISING THIS CONNECTING ROD

(51) International classification (31) Priority Document No	:H04L :1351641	(71)Name of Applicant: 1)STAUBLI FAVERGES
(32) Priority Date	:25/02/2013	Address of Applicant :PLACE ROBERT STAUBLI 74210
(33) Name of priority country	:France	FAVERGES, FRANCE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BASTIEN TARDY
(87) International Publication No	: NA	2)JULIEN MURAT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The connecting rod (6) for two articulations with parallel axes and for transmitting the rocking movements of an output lever of a shedding device to a heald frame belonging 10 to a weaving loom, comprises a first connecting tip connecting to a first articulation and secured to a longitudinal bar, a second connecting tip (62) connecting to a second articulation and including means for clamping the bar that are accessible from one side of the connecting rod, and means (64) for separating the tips along a longitudinal axis (X6) of the connecting rod. The separating means (64) comprise a bearing member (640) on an 15 inclined surface (612; 630) whereof the normal is comprised in a plane (P6) perpendicular to the axes of the articulations and is inclined relative to the longitudinal axis (X6) of the connecting rod, while the bearing member (640) can be moved in a direction perpendicular to a plane (P34) containing the axes (X3, X4) of the articulations.

No. of Pages: 25 No. of Claims: 14

(21) Application No.399/DEL/2014 A

(19) INDIA

(22) Date of filing of Application: 13/02/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BATTERY CHARGING APPARATUS FOR VEHICLE

(51) International classification	:H04L	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
(31) Thomas Document No	080813	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:08/04/2013	MINATO-KU, TOKYO 107-8556, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YUTAKA SONODA
Filing Date	:NA	2)KATSUHIRO OUCHI
(87) International Publication No	: NA	3)KAZUHIKO ONO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To detect an error of an attaching position of a sensor that detects rotation of a rotor of a generator. [Solution] A battery charging apparatus includes a position sensor 42 that outputs a position detection signal that expresses a rotation position of a rotor 12 of a generator 10, a sensor that detects an output current or an output voltage of a predetermined phase, a regulator 20 that includes a plurality of rectifying elements and a plurality of switching elements and supplies DC power obtained by rectifying three-phase AC outputted from the generator 10 to a battery 24, and an inverter control section 30 that executes energization control of the respective switching elements of the regulator 20 based on a phase of an induced voltage of the generator 10 calculated on the basis of the position detection signal. The inverter control section 30 inputs a revolution speed signal Ne that shows a revolution speed of the generator 10, the position detection signal rp, and either output signal out of a current signal or a voltage signal detected by the sensor, and estimates an error of an attaching position of the position sensor 42 with respect to the induced voltage of the predetermined phase based on the position detection signal and the output signal.

No. of Pages: 34 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: REFRIGERATION SYSTEM HAVING A CONTINUOUSLY VARIABLE TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F25B49/02,F01P9/06 :61/542708 :03/10/2011	COMPANY LLC Address of Applicant :9444 Waples Street Suite 410 San
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(57) Abstract:

Inventive embodiments are directed to components subassemblies systems and/or methods for a refrigeration system having a compressor operably coupled to continuously variable accessory drive (CVAD). In one embodiment the refrigerant is adapted to cool the CVAD. In another embodiment the refrigerant is configured to actuate a change in operating condition of the CVAD. A change in operating condition of the CVAD can be based at least in part on the thermodynamic state such as pressure or temperature of the refrigerant. In one embodiment a skew based control system is adapted to facilitate a change in the ratio of a CVAD. In another embodiment a skew based control system includes a skew actuator coupled to a carrier member. In some embodiments the skew actuator is configured to rotate a carrier member of a CVT. Among other things shift control interfaces for a CVT are disclosed.

No. of Pages: 23 No. of Claims: 24

:NA

:NA

(21) Application No.2991/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: FILLING SHOE

(51) International classification	:B24B1/04,B30B15/30	(71)Name of Applicant :
(31) Priority Document No	:A 1335/2011	1)MIBA SINTER AUSTRIA GMBH
(32) Priority Date	:16/09/2011	Address of Applicant :Dr. Mitterbauer Strasse 3 A 4663
(33) Name of priority country	:Austria	Laakirchen Austria
(86) International Application No	:PCT/AT2012/050137	(72)Name of Inventor:
Filing Date	:14/09/2012	1)DICKINGER Johann
(87) International Publication No	:WO 2013/036982	2)DUMANSKI Christian
(61) Patent of Addition to Application	:NA	3)KAISER Harald
Number	:NA	4)MAYRHUBER Roland
Filing Date	.IVA	

(57) Abstract:

Filing Date

The invention relates to a filling shoe (9) for filling a moulding cavity (10) of a pressing mould with a powder comprising a casing (14) with at least one filling cavity (13) having at least one sidewall wherein at least one filling opening (18) via which the powder can be introduced into the filling cavity (13) is designed on the casing (14). At least one stripping element (21) connected to a drive unit (23) is arranged in the filling cavity (13) wherein the at least one stripping element (21) is rotatable.

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

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(21) Application No.2929/DELNP/2014 A

(54) Title of the invention: METHOD FOR SPINNING FANCY YARNS MACHINE FOR SPINNING FANCY YARNS WITH SAID METHOD AND FANCY YARN PRODUCED WITH SAID METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:11382299.3 :20/09/2011 :EPO	(71)Name of Applicant: 1)PINTER CAIPO S.A. Address of Applicant: Ctra. de Manresa a Santpedor Km. 46 E 08251 Santpedor Barcelona Spain (72)Name of Inventor: 1)BOURIO CASTRO Julio Cesar
Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Method for spinning fancy yams (16) comprising the steps of: a) injecting continuously a bundle (3) of base fibres to a bundle (3) of base fibres in a drafting train (1) b) when said bundle (3) of base fibres is continuously injected injecting intermittently a bundle (10) of effect fibres to said same drafting train (1) to add intermittently said bundle (10) of effect fibres to said bundle (3) of base fibres and after the injection of step b) the following step is carried out: c) acceleration of the injection speed of the bundle (3) of base fibres for producing a slubby (17) in said bundle (3) of base fibres said acceleration being done at the moment when a fragment of the bundle (10) of effect fibres is added to the base fibres the injection place of said fragment matching with said slubby (17). The fancy yam (16) manufactured by the method comprises a plurality of slubbies (17) of said bundle (3) of base fibres each of said slubbies (17) including one of said fragments of a bundle (10) of effect fibres matching with an over thickness of base fibres said over thickness being obtained by the punctual reduction of the drafting ratio of the bundle (3) of base fibres.

No. of Pages: 25 No. of Claims: 15

(21) Application No.395/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SPINNING UNIT OF AN AIR-JET SPINNING MACHINE

(51) International classification	:H04L	(71)Name of Applicant:
(31) Priority Document No	:00444/13	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:13/02/2013	Address of Applicant :KLOSTERSTRASSE 20, 8406
(33) Name of priority country	:Switzerland	WINTERTHUR, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOTZ THEODOR GRESSER
(87) International Publication No	: NA	2)ANDREAS FISCHER
(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 to a spinning unit of an air-jet spinning machine for the spinning of a fiber composite. The spinning unit has a pair of delivery rollers and a spinning nozzle, whereas the spinning nozzle has a yarn formation element and a fiber guide element. The fiber guide element has a beginning turned towards the pair of delivery rollers and an end turned away from the pair of delivery roll- 10 ers. The fiber composite is fed to the spinning nozzle with the pair of delivery rollers, and is introduced into the spinning nozzle through the fiber guide element, and subsequently a yarn is formed from the fiber composite through the yarn formation element. A tool for feeding an additive to the fiber composite is provided between the pair of delivery rollers and the end of the fiber guide element.

No. of Pages: 22 No. of Claims: 17

(21) Application No.2923/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MIRROR

(51) International classification: G02B5/08, C03C17/00, C03C17/36		(71)Name of Applicant:
(31) Priority Document No	:BE 2011/0615	1)AGC GLASS EUROPE
(32) Priority Date	:21/10/2011	Address of Applicant :R&D Centre Chausse de La Hulpe 166
(33) Name of priority country	:Belgium	B 1170 Bruxelles (Watermael Boitsfort) Belgium
(86) International Application No Filing Date	:PCT/EP2012/070766 :19/10/2012	(72)Name of Inventor:1)BOUCHER Nicolas2)CLEMENT Nicolas
(87) International Publication No	:WO 2013/057256	3)COSIJNS Bruno 4)LAMBRICHT Thomas
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	5)DE MAEYER Barbara
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a mirror including a glass substrate covered with a silver layer which is in turn covered with at least one paint layer wherein the intensity ratio of the crystallographic orientations (111)/(200) within the silver layer is less than 5.0. Said mirror is characterized in that the silver layer has a correlation length (CLz) (111) as measured by X ray diffraction using the Scherrer method (i.e. using the Scherrer equation) of greater than 27.0 nm.

No. of Pages: 13 No. of Claims: 12

(21) Application No.398/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/01/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: SHEARS WITH TENSIONER AND DYNAMOMETER DEVICE

(51) International :A61B17/82,A61B17/125,A61B17/88 classification

(31) Priority Document No: PI10024948

:12/07/2010 (32) Priority Date (33) Name of priority

:Brazil country

(86) International :PCT/BR2011/000210

Application No :06/07/2011 Filing Date

(87) International

:WO 2012/006699 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)DE OLIVEIRA Jo£o Bosco

Address of Applicant: Rua Professor Alexandre Correia 370

apto 71 CEP: 05657 230 S£o Paulo Brazil

(72)Name of Inventor:

1)DE OLIVEIRA Jo£o Bosco

(57) Abstract:

Shears with tensioner and dynamometer device represented by a novel solution in terms of a multi functional pliers type tool for adjusting products of the clamp type in which these pliers are provided with functions of application tensioning and cutting/finishing and in order to obtain better ergonomic conditions for the use of the pliers a novel device for tensioning the metal clamp (2) has been devised which is composed of a spindle (C) on which is mounted a carriage component with traction pin (E) for the segment (2b) of the metal clamp (2) the carriage sliding along the threaded longitudinal shaft (C1) which in turn has mounted thereon an anatomical rotatable handle (D) wherein furthermore a novel device for cutting the segment of the metal clamp is claimed composed of a pair of cutting blades (b7) and (a7) one such blade at one of the ends of each lever namely the first lever (B) and the second lever (A) and in particular where the access snout (B6) of the first lever (B) and the slot (A3) of the second lever (A) respectively are defined the shears in addition including the introduction of the novel device (F) and (G) that indicates the tension applied by the metal clamp on the bone structure which is particularly useful when the patient is suffering from osteoporosis and lastly the necessary safety blocking device (H) is introduced which prevents actuation of the device for cutting the excess segment of the metal clamp (2).

No. of Pages: 56 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELEVATOR

(74) 7	****	
(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)HITACHI, LTD.
(31) Thomas Boument 110	029630	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:19/02/2013	CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NOGUCHI NAOAKI
Filing Date	:NA	2)ABE TAKASHI
(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	

(21) Application No.411/DEL/2014 A

(57) Abstract:

To provide an elevator with a compact simple vibration suppression mechanism which suppresses the vibration of a 5 traveling cable effectively. The elevator includes either a vibration suppression mechanism having a flexible stiffness reinforcing member on a portion of a traveling cable in a longitudinal direction thereof to make the natural period of the traveling cable shorter 10 than the natural period of the building or a vibration suppression mechanism having a weight on a portion of the traveling cable in the longitudinal direction to make the natural period of the traveling cable longer than the natural period of the building. Vibration of the traveling cable can be 15 substantially reduced by making the natural period of the traveling cable shorter or longer than the natural period of the building. The vibration suppression mechanism which is comprised of a stiffness reinforcing member or weight is fixed on a portion of the traveling cable, so the mechanism can be 20 small and it may be easier to attach it.

No. of Pages: 38 No. of Claims: 14

(22) Date of filing of Application :25/03/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LUBRICANT COMPOSITION FOR MARINE ENGINE

(51) International :C10M167/00,C10M169/04,C10N10/04 classification

:France

:NA

(31) Priority Document :1158738

:29/09/2011 (32) Priority Date

(33) Name of priority

country

(19) INDIA

(86) International

:PCT/EP2012/069241 Application No :28/09/2012

Filing Date

(87) International :WO 2013/045648 **Publication No**

(61) Patent of Addition to :NA **Application Number** Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)TOTAL MARKETING SERVICES

(21) Application No.2268/DELNP/2014 A

Address of Applicant :24 Cours Michelet F 92800 Puteaux

(72)Name of Inventor:

1)LANCON Denis

(57) Abstract:

The present invention relates to a lubricant composition for a 4 stroke or 2 stroke marine engine comprising at least one lubricant base oil for a marine engine at least one olefin copolymer at least one hydrogenated styrene/isoprene copolymer at least one glycerol ester and at least one detergent the use of which favours fuel savings having good properties in terms of engine cleanliness in particular in terms of crankcase cleanliness.

No. of Pages: 19 No. of Claims: 13

(12) TATENT ATTEMENTON TOBERCATION

(21) Application No.389/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: DOUBLE DIMPLE PATTERN HEAT EXCHANGER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A45D :PA 2013 00126 :08/03/2013 :Denmark	(71)Name of Applicant: 1)DANFOSS A/S Address of Applicant:NORDBORGVEJ 81, DK-6430 NORDBORG, DENMARK (72)Name of Inventor:
(86) International Application No	:NA	1)PERSSON, LARS
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 to a heat exchanger comprising a plurality of heat exchanger plates, wherein each of the heat exchanger plates comprises a plurality of dimples. The dimples comprise tops and bottoms. Furthermore, the tops of at least one heat exchanger plate are connected to the bottoms of a neighboring heat exchanger plate. In order to improve the efficiency 15 and stability of the heat exchanger at least part of the dimples are connected to at least one adjacent dimple by a wall section.

No. of Pages: 27 No. of Claims: 17

CONTINUED TO PART-2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION (21) Application No.1245/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF METALLOCENE COMPLEXES

:C07F17/00,C08F10/00 (71)Name of Applicant : (51) International classification

:NA

(31) Priority Document No :11009973.6 (32) Priority Date :19/12/2011 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/005231 Filing Date :13/12/2012

(87) International Publication No :WO 2013/091836

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC) Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi

Arabia

(72)Name of Inventor:

1)AL HUMYDI Abdulaziz Hamad

2)ABURAQABAH Atieh

3)G-RL Christian 4)ALT Helmut

(57) Abstract:

Filing Date

The invention relates to a process comprising the step of (a) reacting a 2 indenylboranic acid (ester) with a bromosubstituted compound in the presence of the Pd catalyst bis(triphenylphosphin)palladium dichloride (PPh)PdCI) and a base to form the corresponding bridged bis(indenyl) ligand. In case the 2 indenylboranic acid (ester) is the pinacolester of 2 indenylboranic acid the process of the invention may further comprise the step of reacting a 2 bromo indene compound with pinacolborane in the presence of a Pd catalyst and a base to form the corresponding 2 indenylpinacolylborane compound. With this the invention provides an improved and easy two step process to prepared bridged bis(indenyl)ligands which is commercially very attractive when the Pd catalyst bis(triphenylphosphin)palladium dichloride (PPh)PdCI) is used. Bridged bis(indenyl)ligands may suitably be used in the preparation of metallocene complexes such as 2 2 bis(2 indenyl)biphenyl ZrCI and 1 2 bis(2 indenyl)benzene ZrCI. These metallocene complexes may be used for the polymerization optionally in the presence of a cocatalyst of one or more a olefins preferably for the polymerization of ethylene.

No. of Pages: 31 No. of Claims: 15

(21) Application No.1246/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ASSEMBLY FOR FIXING A ROTOR BLADE OF A WIND POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:06/12/2012 :WO 2013/083677 :NA :NA	(71)Name of Applicant: 1)AREVA WIND GMBH Address of Applicant: Am Lunedeich 156 27572 Bremerhaven Germany (72)Name of Inventor: 1)HAGEDORN Ralf
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an assembly and a method of fixing a rotor blade of a wind power plant. The wind power plant comprises a rotor blade a pitch adjustment means a bearing for the rotor blade and a brake disk. There is an electro mechanical brake configured to apply a controlled brake force to the brake disk that is a function of the pitch angle of the rotor blade.

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

(19) INDIA

(22) Date of filing of Application :04/08/2006 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PROCESS FOR PREPARATION OF ARIPIPRAZOLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 9/10 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ALEMBIC LIMITED Address of Applicant: ALEMBIC CAMPUS, ALEMBIC ROAD, VADODARA Gujarat India (72)Name of Inventor: 1)DESPANDE PANDURANG BALWANT 2)MANEPALLI RAMESH 3)MISTRY DHARMESH BALVANTRAI 4)KHEMANI KISHORE 5)LUTHRA PARVEN KUMAR
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(57) Abstract:

The present invention relates to process for the prepatation of Aripiprazole form B having purity at least 99.5% and substantially free from dimer impurity, coprises the steps of ix)dissolving aripiprozle in 25 volume of ethanol with 10% activated carbon x)heating reaction mixture obtain in step(i) to reflux for 5 hrs xi)filtering the reaction mixture obtain in step(ii) stirring the solution obtained in step(iii)for 2-3 hrs at tmperature 20-35c xiii)cooling the solution 0c to 5c for 1 hr xiv)suspending the resutin product obtained in step(v)in water xv)filtrating the resutin product obtained in step(vi) drying at 80 c for 10-12 hrs in hot air to obtain form B having purity at least 99.5%

No. of Pages: 14 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : HIGH STRENGTH COLD ROLLED STEEL SHEET HAVING EXCELLENT AGING RESISTANCE AND BAKE HARDENABILITY

(21) Application No.1247/MUMNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/12/2012 :WO 2013/084477 :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor: 1)OKUDA Kaneharu 2)KIMURA Hideyuki
Filing Date	:NA	

(57) Abstract:

Provided is a high strength cold rolled steel sheet that combines aging resistance with bake hardenability. By mass said steel sheet contains $0.0010\ 0.0080\%$ carbon up to 1.0% silicon $0.1\ 1.8\%$ manganese up to 0.100% phosphorus $0.01\ 0.5\%$ soluble aluminum up to 0.0050% nitrogen $0.005\ 0.050\%$ niobium such that $C^* = C\ (12/92.9)\text{Nb} > 0$ and either $0.01\ 0.10\%$ chromium such that $C^* > 60C^* - 0.03$ or $0.010\ 0.050\%$ copper such that $C^* > 42.8C^* + 0.018$. This makes it possible to obtain a high strength cold rolled steel sheet that exhibits the following: high strength with a tensile strength in the 340 440 MPa range; excellent bake hardenability with at least 30 MPa of bake hardening after the application of a 2% prestrain followed by a 20 minute paint bake hardening process at 170°C ; and excellent aging resistance with a yield elongation of no more than 0.5% in a tensile test after 60 days of natural aging at 70°C .

No. of Pages: 41 No. of Claims: 18

(21) Application No.1260/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HYDROGEN QUALITY MONITOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:1122035.7 :21/12/2011 :U.K.	(71)Name of Applicant: 1)INTELLIGENT ENERGY LIMITED Address of Applicant: Charnwood Building Holywell Park Ashby Road Loughborough LE11 3GB U.K. (72)Name of Inventor: 1)KIRK Christopher James 2)FOSTER Simon Edward
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* *		I ` '
Filing Date	:19/12/2012	1)KIRK Christopher James
(87) International Publication No	:WO 2013/093461	2)FOSTER Simon Edward
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A pair of fuel cells are configured as a hydrogen purity monitor. A first cell acting as a reference cell is configured to generate electrical current from the electrochemical reaction of hydrogen and oxidant and has a first fuel inlet configured to receive hydrogen from a first hydrogen source. A second fuel cell acting as a test cell is configured to generate electrical current from the electrochemical reaction of hydrogen and oxidant and has a second fuel inlet configured to receive hydrogen from a second hydrogen source. A control system is configured to apply an electrical load to each fuel cell and determine an electrical output of each fuel cell. The control system has a comparator for comparing the electrical outputs of the first and second fuel cells and a purity monitor output configured to give an indication of hydrogen purity based on an output of the comparator.

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

(21) Application No.1261/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND DEVICE FOR MEASURING A COMPONENT IN EXHALED BREATH

(51) International :A61B5/08,A61B5/097,G01N33/497 classification

:NA

(31) Priority Document No :1151262-1 (32) Priority Date :22/12/2011 (33) Name of priority :Sweden

country

(86) International

:PCT/SE2012/051452 Application No

:20/12/2012 Filing Date

(87) International

:WO 2013/095284 Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA **Application Number**

(71)Name of Applicant: 1)AEROCRINE AB

Address of Applicant :Rsundavgen 18 S 169 67 Solna

Sweden

(72) Name of Inventor:

1) JOHNSON Hans Peter Starck

(57) Abstract:

Filing Date

A device for measuring a component in exhaled breath comprising an inlet (32) for receiving exhaled breath a buffer chamber (31). A first fluid conduit (34a) is in fluid connection with the inlet and adapted to lead a first portion (G) of the exhaled breath to the buffer chamber. The buffer chamber comprises an outlet (37) for discarding a first part of exhaled breath received from the first fluid conduit and the buffer chamber is configured to buffer a second part of exhaled breath received from the first fluid conduit. The device comprises a second fluid conduit (34b) in fluid connection with the inlet and adapted to lead a second portion (I) of the exhaled breath to be discarded and a sensor (63) for measuring a component in the exhaled breath buffered in the buffer chamber.

No. of Pages: 22 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HARD MATERIAL COATED BODIES COMPOSED OF METAL CEMENTED HARD MATERIAL CERMET OR CERAMIC AND PROCESSES FOR PRODUCING SUCH BODIES

(51) International :C23C16/34,C23C16/36,C23C28/04 classification

(31) Priority Document No :10 2011 087 715.0

(32) Priority Date :05/12/2011

(33) Name of priority :Germany country

(86) International

:PCT/EP2012/073766 Application No

:28/11/2012 Filing Date

(87) International

:WO 2013/083447 Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

Address of Applicant : Hansastr. 27c 80686 M¹/₄nchen

Germany

(72)Name of Inventor:

1)ENDLER Ingolf

2)SCHOLZ Sebastian

(57) Abstract:

The invention relates to hard material coated bodies composed of metal cemented hard material cermet or ceramic coated with a TiSiCN composite layer or with a multilayer layer system which contains at least one TiSiCN composite layer where the TiSiCN composite layer is according to the invention a nanocomposite layer which has been produced by means of a thermal CVD process without additional plasma excitation and contains a nanocrystalline phase composed of TiCN having a crystallite size in the range from 5 nm to 150 nm and a second phase composed of amorphous SiCN. The layer according to the invention is characterized by a high hardness a high oxidation and heat resistance and a high adhesive strength. To produce this TiSiCN nanocomposite layer the invention comprises a process in which the layer is deposited from a gas mixture containing one or more titanium halides one or more silicon containing precursors hydrogen and reactive compounds having carbon and nitrogen atoms and/or nitrogen compounds and/or hydrocarbons and/or inert noble gases by means of a thermal CVD process at temperatures in the range from 700°C to 1100°C and pressures in the range from 10 Pa to 101.3 kPa without additional plasma excitation where the molar ratio of the titanium halides to the silicon containing precursors is selected so that an atomic ratio of Si to Ti of greater than 1 is present in the gas mixture. The process of the invention also permits inexpensive production of such coatings under industrial conditions.

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

(21) Application No.1237/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: REMOTE ACCESS AND ADMINISTRATION OF DEVICE CONTENT WITH DEVICE POWER OPTIMIZATION USING HTTP PROTOCOL

(51) International classification :H04L29/12,H04L29/08 (71)Name of Applicant : (31) Priority Document No :61/588,007

:18/01/2012 (32) Priority Date (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/022300 Filing Date :18/01/2013

:NA

(87) International Publication No :WO 2013/109989

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor:

1)HERSHKO Yuval Corey

2)STRAUSS Nir

(57) Abstract:

Filing Date

A mobile device having an identifier supports a mobile server hosting an HTML web site. The mobile device is power cycled according to an ON OFF timing defined by timing parameters. An association between the timing parameters and the identifier of the mobile device is provided. A web client sends a request to access the mobile device using a public mobile device identifier. Optionally the public mobile device identified is mapped to identify ON OFF timing parameters of the mobile device and web client access to the mobile device is controlled based on the ON OFF timing parameters.

No. of Pages: 57 No. of Claims: 41

(21) Application No.1238/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PACLITAXEL RESPONSE MARKERS FOR CANCER

(51) International classification :G01N33/50,G01N33/4 (31) Priority Document No :61/563929

(32) Priority Date :28/11/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2012/001087

Filing Date :27/11/2012 (87) International Publication No :WO 2013/078537

(61) Patent of Addition to Application
Number
Filing Date
(22) Patent of Addition to Application
:NA

(62) Divisional to Application Number :NA Filing Date :NA

:G01N33/50,G01N33/48 (71)**Name of Applicant :**

1)NATIONAL RESEARCH COUNCIL OF CANADA Address of Applicant :1200 Montreal Road Ottawa Ontario

K1A 0R6 Canada (72)Name of Inventor:

1)WANG Edwin

2)LI Jie

3)OCONNOR McCOURT Maureen

4)PURISIMA Enrico

(57) Abstract:

Cancer marker sets consisting of particular genes differentially expressed in tumours provide improved accuracy of predicting effectiveness of paclitaxel or paclitaxel like drug treatment against a cancer. These sets are further useful for screening drug candidates for paclitaxel like cancer treatment activity. The cancer marker sets may be used in a clinical setting to provide information about the likelihood that a cancer patient would or would not respond to paclitaxel like drug treatment.

No. of Pages: 31 No. of Claims: 18

(21) Application No.1290/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : AMORPHOUS CALCIUM CARBONATE FOR THE TREATMENT OF CALCIUM MALABSORPTION AND METABOLIC BONE DISORDERS

(51) International classification :A61K33/06,A61K33/10,A61K35/56

(31) Priority Document No :61/569,805 (32) Priority Date :13/12/2011

(33) Name of priority :U.S.A.

country

(86) International :PCT/IL2012/050521

Application No :13/12/2012

Filing Date
(87) International

Publication No :WO 2013/088440

:NA

(61) Patent of Addition to
Application Number :NA

Application Number Filing Date

(62) Divisional to

:NA
:NA
:NA

Application Number Filing Date (71)Name of Applicant: 1)AMORPHICAL LTD.

Address of Applicant :P.O. Box 15021 84210 Beer Sheva

Israe

(72)Name of Inventor:

1)SAGI Amir

2)SHECHTER Assaf 3)SHALTIEL GOLD Galit

4)DANIELY Michal 5)MEIRON Oren

(57) Abstract:

Provided are methods for treating calcium malabsorption and conditions associated with calcium malabsorption employing the administration of a composition containing stable amorphous calcium carbonate. Further provided are methods for increasing bone mineral density in a bone metabolism associated disorders diseases or conditions employing the administration of said composition in combination with a bone resorption inhibitor.

No. of Pages: 87 No. of Claims: 32

(21) Application No.1291/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SYSTEM METHODS APPARATUS AND COMPUTER READABLE MEDIA FOR BIT ALLOCATION FOR REDUNDANT TRANSMISSION OF AUDIO DATA

(51) International :G10L19/005,H04L1/00,H04N7/26 classification

(31) Priority Document No :61/586,007 (32) Priority Date :12/01/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/071015

No :20/12/2012 Filing Date

(87) International Publication

:WO 2013/106187

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor: 1)RAJENDRAN Vivek

2)KRISHNAN Venkatesh 3)SINDER Daniel J.

Compressibility based reallocation of initial bit allocations for frames of an audio signal is described. Applications to redundancy based retransmission of critical frames (e.g. for fixed bit rate modes of speech codec operation) are also described.

No. of Pages: 89 No. of Claims: 61

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: VOICE ACTIVITY DETECTION IN PRESENCE OF BACKGROUND NOISE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G10L25/84 :61/588,729 :20/01/2012 :U.S.A. :PCT/US2013/020636 :08/01/2013 :WO 2013/109432 :NA :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)ATTI Venkatraman Srinivasa 2)KRISHNAN Venkatesh
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(57) Abstract:

In speech processing systems compensation is made for sudden changes in the background noise in the average signal to noise ratio (SNR) calculation. SNR outlier filtering may be used alone or in conjunction with weighting the average SNR. Adaptive weights may be applied on the SNRs per band before computing the average SNR. The weighting function can be a function of noise level noise type and/or instantaneous SNR value. Another weighting mechanism applies a null filtering or outlier filtering which sets the weight in a particular band to be zero. This particular band may be characterized as the one that exhibits an SNR that is several times higher than the SNRs in other bands.

No. of Pages: 38 No. of Claims: 52

(21) Application No.1240/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: GRAIN ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR IMPROVING IRON LOSS PROPERTIES THEREOF

(51) International classification: C22C38/00,C21D8/12,C21D9/46 (71)Name of Applicant:

:NA

(31) Priority Document No :2011-289914 (32) Priority Date :28/12/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/008411

:27/12/2012

Filing Date (87) International Publication :WO 2013/099274

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72)Name of Inventor:

1)INOUE Hirotaka 2)TAKAJO Shigehiro 3)YAMAGUCHI Hiroi 4)OKABE Seiji

5)HANAZAWA Kazuhiro

(57) Abstract:

Provided is a grain oriented electrical steel sheet that has been subjected to magnetic domain refinement via strain introduction and has a highly insulating highly corrosion resistant insulating coating. Exposure to a high energy beam is used to introduce linear strain into said grain oriented electrical steel sheet said linear strain extending in a direction that intersects the direction in which the steel sheet is rolled and the grain oriented electrical steel sheet is then recoated with an insulating coating. Defects in said insulating coating cover no more than 40% of the surface area of mark regions produced by the high energy beam the maximum width of said mark regions in the direction in which the steel sheet is rolled is no more than 250 µm and the insulating coating with which the grain oriented electrical steel sheet is recoated is 0.3 to 2.0 µm thick.

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

(21) Application No.1294/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RECEPTION REPORT AGGREGATION

(51) International :H04W4/06,H04L1/00,H04L29/06 classification

(31) Priority Document No :61/587,121 (32) Priority Date :16/01/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/021584

:15/01/2013 Filing Date

(87) International Publication

:WO 2013/109540

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(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)GHOLMIEH Ralph Akram

2)NAIK Nagaraju 3)PAZOS Carlos M.D. 4)HALL Edward R.

(57) Abstract:

A method an apparatus and a computer program product for wireless communication are provided. The apparatus receives a first service and determines a potential upload time period including an aggregation time period. The potential upload time period is for uploading a reception report for the first service. The apparatus receives a second service before expiration of the aggregation time period. The apparatus determines whether to generate first reporting information for the received first service and second reporting information for the received second service. The apparatus aggregates the first reporting information and the second reporting information based upon the determination to generate both the first reporting information and the second reporting information.

No. of Pages: 48 No. of Claims: 46

(21) Application No.1295/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: FIRING FURNACE OR PRESS FURNACE

(51) International :F27B17/02,F27D19/00,A61C13/20 classification

(31) Priority Document No :12189816.7 (32) Priority Date :24/10/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/071112

Application No :10/10/2013 Filing Date

(87) International Publication :WO 2014/063922

No

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)IVOCLAR VIVADENT AG

Address of Applicant :Bendererstrasse 2 CH 9494 Schaan

Liechtenstein

(72)Name of Inventor: 1)BROTZGE Michael

2)LORNSER Johannes

(57) Abstract:

The invention relates to a firing furnace or press furnace for dental restoration which comprises: a control device for controlling the furnace (10) on the basis of at least one firing/pressing program; a display device (18) at least for the display of operating information using symbolic images; an input device (20) at least for the selection of a firing/pressing program; wherein the control device is set up in such a manner that after a control program has been selected the furnace (10) can be switched into a safety mode in which the furnace displays one or more items of operating information and in which the input of firing or pressing parameters of the control program and/or the selection of a firing or pressing program is blocked.

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

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: COOKING DEVICE WITH ENHANCED STEAM CAPACITY AND THROUGHPUT

	:A47J	(71)Name of Applicant:
(51) International classification	27/04,	1)RIAZ PADAMSEE
	A47J27/092	Address of Applicant :4TH FLOOR, PARMAR GALLERY,
(31) Priority Document No	:NA	SHIVARKAR ROAD, OPPOSITE PARMAR PARK,
(32) Priority Date	:NA	WANAWADI, PUNE 411040, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RIAZ PADAMSEE
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 cooking device is disclosed herein which, due to integration of synergistic heat trap and steam pocket, allows higher steam buildup than conventional pressure cookers and, at same time, being frugal in fuel and cooking time requirements.

No. of Pages: 15 No. of Claims: 10

(21) Application No.1249/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FORWARD ROTATION EIGHT LINK OPERATING DEVICE AT LOADING END OF **EXCAVATOR LOADER**

(51) International classification :E02F3/34,E02F3/38,B65G65/04 (71)Name of Applicant:

(31) Priority Document No :201210000839.6 (32) Priority Date :04/01/2012

(33) Name of priority country :China

(86) International Application :PCT/CN2012/078084

:03/07/2012 Filing Date

(87) International Publication :WO 2013/102343

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)JIANGSU LIUGONG MACHINERY CO. LTD.

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212005 China

(72)Name of Inventor:

1)LIU Yin 2)SHEN Shuo 3)LAN Qiang

(57) Abstract:

A forward rotation eight link operating device at the loading end of an excavator loader comprising a front vehicle frame (1) a movable boom (2) a rotatable bucket oil cylinder (3) a movable boom oil cylinder (4) a rotatable bucket rocker boom (5) a rotatable bucket pull rod (6) a movable boom pull rod (7) a movable boom rocker (8) and a bucket (9). The forward rotation eight link mechanism enables the operating device at the loading end to obtain greater excavation force under the same engine power and the axle load of the whole excavator loader is distributed more reasonably.

No. of Pages: 12 No. of Claims: 3

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: APPARATUS AND METHOD FOR USER EQUIPMENT ASSISTED CONGESTION CONTROL

(51) International :H04W28/02,H04W72/04,H04N21/442 classification

:61/593,610

(31) Priority Document

No

(32) Priority Date :01/02/2012

(33) Name of priority :U.S.A. country

(86) International

:PCT/US2013/024469 Application No :01/02/2013

Filing Date

(87) International :WO 2013/116746 Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to :NA Application Number

:NA Filing Date

(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)GARAVAGLIA Andrea Maria

2)GIARETTA Gerardo 3)GOGIC Aleksandar 4)PICA Francesco 5)STUPAR Patrick 6)CASACCIA Lorenzo

7) WILLIAMS David Hugh

8)MAHENDRAN Arungundram Chandrasekaran

(57) Abstract:

A method an apparatus and a computer program product for wireless communication are provided in connection with improving QoE in RAN congestion. In one example a communications device is equipped to indicate a quality control indicator (QCI) for each of a plurality of applications that communicate with a RAN over a bearer receive information regarding modification of the bearer or additional bearers based on the OCIs and modify the bearer or additional bearers according to the information to achieve a desired QoE for at least one of the plurality of applications. In another example a RAN is equipped to receive a QCI for each of a plurality of applications related to a bearer from a UE and modify the bearer or adding additional bearers for communicating with the UE based on the OCI for each of the plurality of applications to improve QoE at the UE.

No. of Pages: 42 No. of Claims: 35

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR CAPTURING AND MOVING 3D MODELS AND TRUE SCALE METADATA OF REAL WORLD OBJECTS

(51) International classification :G06T15/20,G06F17/50,G06T19/00

(31) Priority Document No :61/565,663 (32) Priority Date :01/12/2011

(33) Name of priority :U.S.A.

country (96) Intermeticanal

(86) International PCT/US2012/066622 Application No

Filing Date :27/11/2012

(87) International Publication: WO 2013/082009

(61) Patent of Addition to .N

Application Number :NA
Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.

(72)Name of Inventor:

1)VADDADI Sundeep

2) CHIMALAMARRI Krishnakanth S.

3)GANDHI Ketal V. 4)JAYASWAL Anubha 5)GUPTA Prince

6)DOS SANTOS Jose Ricardo Leal

7) DERECK Chelsea M.

(57) Abstract:

In some embodiments methods and systems are provided for assisting a user in visualizing how a modified real world setting would appear. An imaging device may capture a plurality of images of one or more objects or settings. A three dimensional model of each object or setting may be created based on the images. These models may then be used to create a realistic image of a modified setting. For example an image may display a setting (e.g. a living room) with an additional object (e.g. a couch) in the setting. The image may be realistic in that it may accurately represent dimensions of the object relative to dimensions in the setting. Because three dimensional models were created for both the setting and object a user may be able to manipulate the image to e.g. re position and/or re orient the object within the setting and view the setting from different perspectives.

No. of Pages: 49 No. of Claims: 29

(21) Application No.1304/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: A CATALYST SYSTEM AND A PROCESS FOR THE PRODUCTION OF ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE IN PRESENCE OF THIS CATALYST SYSTEM

(51) International :C08F4/651,C08F4/649,C08F4/656

classification

(31) Priority Document No :11075269.8 (32) Priority Date :12/12/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/005089 No

:10/12/2012 Filing Date

(87) International Publication: WO 2013/087185

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC)

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Arabia

(72)Name of Inventor:

1)BATINAS GEURTS Aurora Alexandra 2)FRIEDERICHS Nicolaas Hendrika

3)SCHOFFELEN Tom 4)ZUIDEMA Erik

(57) Abstract:

The invention relates to a catalyst system for the production of ultrahigh molecular weight polyethylene comprising I. a solid reaction product obtained by reaction of: (a) a hydrocarbon solution comprising (1) an organic oxygen containing magnesium compound or a halogen containing magnesium compound and (2) an organic oxygen containing titanium compound and (b) a mixture comprising a metal compound having the formula MeRX wherein X is a halogenide Me is a metal of Group III of Mendeleev's Periodic System of Chemical Elements R is a hydrocarbon radical containing 1 10 carbon atoms and 0 = n = 3 and a silicon compound of formula RSiCI wherein 0 = m = 2 and R is a hydrocarbon radical containing 1 10 carbon atoms wherein the molar ratio of metal from (b): titanium from (a) is lower than 1:1 II. an organo aluminium compound having the formula AIR in which R is a hydrocarbon radical containing 1 10 carbon atoms and III. an external electron donor selected from the group of 1 2 dialkoxyalkanes 1 2 dialkoxyalkenes or an external polymeric electron donor.

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

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LIQUID FILTER AND FILTER ELEMENT OF A LIQUID FILTER

(51) International classification :B01D35/153,B01D35/16,B01D29/96

(31) Priority Document No :10 2012 000876.7 (32) Priority Date :19/01/2012

(33) Name of priority :Germany

country

(86) International :PCT/EP2012/075341

Application No
Filing Date

Filing Date

FIGURE 2012/0

(87) International

Publication No :WO 2013/107572

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

Application Number Filing Date :NA (71)Name of Applicant:

1)MANN+HUMMEL GMBH

Address of Applicant :LC IP Hindenburgstr. 45 71638

Ludwigsburg Germany
(72)Name of Inventor:
1)SCHWEIKART Marco

(57) Abstract:

A liquid filter especially fuel filter or oil filter (10) for an internal combustion engine especially of a motor vehicle and a filter element (54) are described. A filter housing (12 20) is connected to a liquid conduction system. The filter housing (12 20) has at least one inlet (14) for liquid to be filtered and at least one outlet (16) for filtered liquid. A housing pot (20) has a mounting orifice (48) on the side of which the housing pot (20) is joined by means of a housing lid connection (24) to a housing lid (12). The housing lid connection (24) can be locked and unlocked by means of a rotating motion of the housing pot (20) relative to the housing lid (12) about a theoretical mounting axis (30). A filter element (54) is disposed exchangeably in the housing pot (20) such that it separates the at least one inlet (14) from the at least one outlet (16). The filter element (54) in the housing pot (20) separated from the housing lid (12) can be removed from or inserted into the housing pot (20) axially to the mounting axis (30) through the mounting orifice (48). The filter element (54) can be connected to the housing lid (12) by means of an element lid connection (84) which can be locked and unlocked. The filter element (54) is connected to the housing pot (20) by means of an element housing connection (70) which can be joined and separated by means of an axial motion of the filter element (54) relative to the housing (20) with respect to the mounting axis (30). The element lid connection (84) can be locked or unlocked by means of a rotating motion of the filter element (54) relative to the housing pot (20) about the mounting axis (30). A closure direction (90) of the rotating motion of the housing for locking of the housing lid connection (24) is in the opposite direction to a closure direction of the rotating motion of the element for locking of the element lid connection (84). A maximum torque transmittable with the element housing connection (70) is greater than a torque required for locking and unlocking of the element lid connection (84).

No. of Pages: 30 No. of Claims: 9

(21) Application No.1314/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PLANT TREATMENT AND METHOD

(51) International classification	:C05G3/00,A01C1/00,A01H5/00	(71)Name of Applicant:
(31) Priority Document No	:61/566,223	1)BRIGHT RAY SOLAR CORP.
(32) Priority Date	:02/12/2011	Address of Applicant :Suite A 52 Royal Road Guelph Ontario
(33) Name of priority country	:U.S.A.	N1H 1G3 Canada
(86) International Application No Filing Date	:PCT/CA2012/001104 :30/11/2012	(72)Name of Inventor : 1)SCHRADER Glen
(87) International Publication No	:WO 2013/078546	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Plant propagation material treated with a carbonaceous material is provided. Such treated plant propagation material is useful in a method of inducing microbial interaction with the plant propagation material that confers a benefit on the plant propagation material. The method includes placing the treated plant propagation material in a growth medium containing endogenous soil microorganisms.

No. of Pages: 42 No. of Claims: 14

(21) Application No.1315/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING A TRPA1 ANTAGONIST AND AN ANTICHOLINERGIC AGENT

(51) International :A61K31/40,A61K31/407,A61K31/41 classification

(31) Priority Document No:3418/MUM/2011

(32) Priority Date :05/12/2011

(33) Name of priority :India

country

(86) International :PCT/IB2012/056966 Application No

:05/12/2012 Filing Date

(87) International

:WO 2013/084153 Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)GLENMARK PHARMACEUTICALS S.A.

Address of Applicant: Chemin de la combeta 5 CH 2300 la

chaux de fonds Switzerland (72)Name of Inventor:

1)KHAIRATKAR JOSHI Neelima

2) ANUPINDI Raghuram

3)VAIYAPURI THAMIL Selvan

4)KULKARNI Abhay 5)WAGHCHOURE Amol

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising a transient receptor potential ankyrin 1 receptor (TRPA1) antagonist and an anticholinergic agent. Particularly the present invention provides a pharmaceutical composition comprising a TRPA1 antagonist having IC for inhibiting human TRPA1 receptor activity of less than 1 micromolar and an anticholinergic agent; a process for preparing such composition; and its use in treating a respiratory disorder in a subject.

No. of Pages: 65 No. of Claims: 25

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SHEET MATERIAL SHAPING DEVICE

(51) International :B29C51/08,A61F13/15,A61F13/49 classification

(31) Priority Document No :2012-003161 :11/01/2012 (32) Priority Date

(33) Name of priority :Japan

country

(86) International :PCT/JP2012/078812 Application No

:07/11/2012 Filing Date

(87) International Publication: WO 2013/105330

No

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)ZUIKO CORPORATION

Address of Applicant: 15 21 Minamibefu cho Settsu shi

Osaka 5660045 Japan (72)Name of Inventor: 1)UMEBAYASHI Toyoshi 2)SHIMADA Takahiro

(57) Abstract:

With the present invention shaping roll position adjustment is easy and the invention makes it possible to form multiple detailed three dimensional shapes in the sheet material rapidly and precisely. The circumferential surfaces of a pair of shaping rolls (3.4) that are mutually parallel are provided with recessed and protruding shapes (6) that mesh with each other at the face to face position. The rotation shafts (24) of the shaping rolls (34) are linked and connected to a rotation drive means (10) via eccentric joints (25). The inside of the main roll body (4a) of the downstream shaping roll (4) is provided with air passages (28) that extend in the direction of the roll shaft center (27) and air holes that connect the air passages (28) with the circumferential surface of the roll. Communication members (30) are disposed adjacent to the ends of the main roll body (4a). An air intake port that can communicate with the air passages (28) is provided in a first established region in the circumferential direction of the communication members (30) and an air supply port that can communicate with the air passages (28) is provided in a second established region. The air intake port is communicably connected to an air intake means and the air supply port is communicably connected to an air supply means.

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

(21) Application No.1311/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR PREPARATION OF (3R) 2 4 DI LEAVING GROUP 3 METHYLBUT 1 ENE

(51) International classification :C07C309/73,C07D4
(31) Priority Document No :61/565,094
(32) Priority Date :30/11/2011

(32) Priority Date(33) Name of priority country:30/11/201:U.S.A.

(86) International Application No :PCT/CA2012/050859

Filing Date :29/11/2012 (87) International Publication No :WO 2013/078559

(61) Patent of Addition to Application
Number
Filing Date
:NA

(62) Divisional to Application Number:NA Filing Date :NA

:C07C309/73,C07D493/22 (71)Name of Applicant :

1)ALPHORA RESEARCH INC.

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(72)Name of Inventor :1)SOUZA Fabio E.S.2)RANGWALA Huzaifa

3)GORIN Boris 4)PAN Ming

(57) Abstract:

The specification relates to compounds and process for the preparation of a compound of formula 7 where LG is a leaving group and hal is a halide and is Cl Br or I. The compound of formula 7 can be useful in the preparation of natural products such as halichondrin and its derivatives.

No. of Pages: 38 No. of Claims: 29

(21) Application No.1312/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LOW COMPLEXITY HIGH YIELD CONVERSION OF HEAVY HYDROCARBONS

(51) International classification: C10G21/00,C10C3/08,C10G1/04 (71)Name of Applicant:

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application :PCT/CA2012/000049

No

:17/01/2012 Filing Date

(87) International Publication

:WO 2013/106897

(61) Patent of Addition to :NA Application Number :NA

Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)MEG ENERGY CORP.

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(72)Name of Inventor:

1)CORSCADDEN Tom

2)DIDUCH Greg

3)HOCKING Damien

4) REMESAT Darius

5)KEARNS Jim

(57) Abstract:

A process for producing pipeline ready or refinery ready feedstock from heavy hydrocarbons using a high performance solvent extraction process with high local solvent to process fluid ratios yet maintaining low overall solvent to process fluid ratios by first performing mild thermal cracking on the heavy hydrocarbons and then separating asphaltene rich fractions from a resulting thermally affected fluid so that the high solvent to oil ratio portion of the process acts only on those asphaltene rich fractions and producing a dry solid asphaltene as an end product.

No. of Pages: 49 No. of Claims: 21

(21) Application No.1313/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR OPTICAL EVALUATION AND OPTICAL DETECTOR

(51) International (71)Name of Applicant: :G01N21/17,G01H9/00,H01L27/146 classification 1)THE UNIVERSITY OF NOTTINGHAM (31) Priority Document No :1120774.3 Address of Applicant: University Park Nottingham NG7 2RD (32) Priority Date :02/12/2011 (33) Name of priority (72) Name of Inventor: :U.K. 1)SHARPLES Stephen country (86) International 2)LIGHT Roger :PCT/GB2012/052965 Application No :30/11/2012 Filing Date (87) International :WO 2013/079960 **Publication No** (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

An optical detector comprises a plurality of pixels each pixel comprising a photodiode operable to detect light incident on that pixel and to generate a signal indicative of an intensity of that light. The plurality of pixels comprises a plurality of pixel pairs and for each pixel pair in a configuration mode the detector is arranged to compare the signal generated by a first pixel of the pair with the signal generated by a second pixel of the pair. A method of optical detection is also described as is a system incorporating the described optical detector.

No. of Pages: 30 No. of Claims: 29

(21) Application No.1264/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : STERILIZER ORAL STERILIZER STERILIZATION METHOD STERILIZATION APPARATUS AND STERILIZER EVALUATION METHOD

(51) International :A01N59/00,A01N25/22,A01N65/08 classification :NA

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority :NA

country (86) International

Application No
Filing Date

:PCT/JP2011/077864
:01/12/2011

(87) International Publication No :WO 2013/080366

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant : 1)AZ CO.LTD.

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(72)Name of Inventor:

1)KANNO Taro

2)NAKAMURA Keisuke

3)IKAI Hiroyo 4)KONO Masahiro

5)NIWANO Yoshimi

(57) Abstract:

The present invention relates to a sterilizer an oral sterilizer a sterilization method a sterilization apparatus and a sterilizer evaluation method capable of increasing a sterilization effect. [Solution] The sterilizer which contains hydrogen peroxide and a catalase activity inhibitor formed of scutellaria or green tea is brought into contact with a sterilization target such as a tooth and a denture in an oral cavity. Then by using a light emitter formed of a semiconductor laser light is irradiated onto the sterilization target at a wavelength of between 350 nm and 500 nm. As a result the hydrogen peroxide is photolyzed to generate hydroxyl radicals and sterilization may be performed by the hydroxyl radicals.

No. of Pages: 27 No. of Claims: 5

(22) Date of filing of Application :23/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CLUTCH CONTROL DEVICE

(51) International

:F16D25/08,F16D25/10,B60K23/02

classification

(19) INDIA

(31) Priority Document No (32) Priority Date

:10-2011-0123502 :24/11/2011

(33) Name of priority

:Republic of Korea

country

(86) International

:PCT/KR2011/009414

Application No Filing Date

:07/12/2011

(87) International Publication: WO 2013/077486

No

(61) Patent of Addition to :NA **Application Number**

Filing Date

:NA

(62) Divisional to

:NA Application Number :NA

Filing Date

(71)Name of Applicant:

1)WONKWANG E & TECH CO. LTD.

(21) Application No.1266/MUMNP/2014 A

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(72)Name of Inventor:

1)LEE Dong Guen

2)LEE Seong Cheol

3)KIM Seong Jin

4)BAEK Byeong Cheol

(57) Abstract:

The present invention relates to a clutch control device more specifically to a clutch control device wherein a mechanical section may be miniaturized and operational errors can be reduced using a non contact type displacement detection system which uses a linear distance sensor for a clutch clearance and the position of the mechanical section can be accurately controlled by using a plurality of solenoid valves.

No. of Pages: 19 No. of Claims: 6

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SEMICONDUCTOR STRUCTURE DEVICE COMPRISING SUCH A STRUCTURE AND METHOD FOR PRODUCING A SEMICONDUCTOR STRUCTURE

(51) International :H01L31/09,H01L31/103,H01L31/18

(31) Priority Document No :12 50086 (32) Priority Date :04/01/2012

(33) Name of priority :France

country (86) International

Application No :PCT/EP2013/050020

Filing Date :02/01/2013

(87) International Publication No :WO 2013/102631

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant:

1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX ‰NERGIES ALTERNATIVES

Address of Applicant :25 rue Leblanc Btiment Le Ponant D F

75015 Paris France (72)Name of Inventor: 1)GRAVRAND Olivier 2)FERRON Alexandre

(57) Abstract:

No. of Pages: 35 No. of Claims: 11

[.] The invention relates to a semiconductor structure (5) capable of receiving electromagnetic radiation and converting same into an electrical signal the structure comprising first and second zones (20 60) having the same type of conductivity and consisting of the same elements. The structure further comprises a barrier zone (40) which is arranged between the first zone and the second zone (20 60) and which is to be used as a barrier to the majority carriers of the first and second zones (20 60) over a barrier thickness A first interface zone (30) forms an interface between the first zone (20) and the barrier zone (40) over a first interface thickness (e2) and a second interface zone (50) is arranged between the barrier zone (40) and the second zone (60) over a second interface thickness (e3). The interface zones (30 50) have a composition of elements that varies from the first and second material zones respectively to the composition of the barrier the first interface thickness (e2) being at least equal to half of the barrier thickness (e1) and the second interface thickness (e3) being less than half of the barrier thickness (e1).

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ARRANGEMENT FOR CONTAINMENT OF LIQUID NATURAL GAS (LNG)

(51) International classification :B63B25/16,F17C3/02 (71)Name of Applicant : 1)LNG NEW TECHNOLOGIES AS (31) Priority Document No :20120167 (32) Priority Date Address of Applicant :c/o Oseberg Kompetanse AS :17/02/2012 (33) Name of priority country Danholmen 21 N 3128 N tter y Norway :Norway (86) International Application No (72)Name of Inventor: :PCT/NO2012/050143 1)SJ~LIE STRAND Kjetil Filing Date :24/07/2012 (87) International Publication No :WO 2013/122475 2)JONAS J rn Magnus (61) Patent of Addition to Application 3)NORBERG Andreas :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to an arrangement for containment of liquid natural gas (LNG) in a hull compartment of a marine construction comprising a self supporting primary barrier a secondary barrier surrounding the self supporting primary barrier and an access space between the self supporting primary barrier and the secondary barrier wherein the self supporting primary barrier is a liquid tight self supporting LNG tank and is connected with the hull compartment by support devices penetrating the secondary barrier is a liquid tight thermal insulation connected with the interior surface of the hull nd is sealed to the support devices by a flexible liquid tight seal so that the self supporting primary barrier and the secondary barrier are separately connected with the hull compartment to prevent transfer of forces between the primary barrier and the secondary barrier.

No. of Pages: 15 No. of Claims: 7

(21) Application No.1267/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SECURE DATABASE SEARCHING

(51) International classification	:G06F21/62	(71)Name of Applicant :
(31) Priority Document No	:1120314.8	1)BUSINESS PARTNERS LIMITED
(32) Priority Date	:24/11/2011	Address of Applicant :16 Park View London N21 1QX U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:PCT/GB2012/000858	1)BAIN Simon Ian
Filing Date	:23/11/2012	
(87) International Publication No	:WO 2013/076447	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method and system for securely storing data in a database comprising: receiving data to be stored. Dividing the data into a plurality of elements. Encrypting each element of the plurality of elements with an encryption function. Combining the encrypted elements to form a data attribute. Storing the data attribute in the database. Method and system for searching a database having encrypted data attributes comprising: receiving a search term. Encrypting the search term with an encryption function. Searching a database for records having data attributes matching the encrypted search term.

No. of Pages: 22 No. of Claims: 19

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : WIRELESS BROADCAST/MULTICAST SERVICE CAPACITY OVER DIFFERENT LINK BUDGETS AND OVERLAY NETWORKS

(51) International classification :H04W4/06 (71)Name (31) Priority Document No :61/581,579 1)QUAI (32) Priority Date :29/12/2011 Addre (33) Name of priority country :U.S.A. 5775 Mor (86) International Application No Filing Date :28/12/2012 1)ANCI

(87) International Publication No :WO 2013/102004

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

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Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)ANCHAN Kiran 2)MAGGENTI Mark 3)LIN Yih Hao

(57) Abstract:

In an embodiment an application server determines to transmit a first data stream in a first multicasting area a second data stream in a second multicasting area and both data streams in a third multicasting area that overlaps with the second multicasting area (e.g. at a border region between the first and second multicasting areas). The application server sends the first data stream to a multicast network management node for transmission in the first and third multicasting areas. The application server sends the first and second data streams to a multiplex stream multiplexer that multiplexes the two data streams into a single higher rate multiplexed multicast stream with packets that include payloads data for both the first and second data streams. The multiplexed multicast stream is delivered to the third multicasting area for transmission to at least one target UE.

No. of Pages: 62 No. of Claims: 47

(22) Date of filing of Application :24/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SUITABLE CONTROL METHOD FOR A SYSTEM OF PHOTOVOLTAIC CONCENTRATION **MODULES**

(51) International classification :G05F1/67,F24J2/38,G01S3/786 (71)Name of Applicant:

(31) Priority Document No :P201132022 (32) Priority Date :15/12/2011

(33) Name of priority country :Spain (86) International Application

:PCT/ES2012/070868 No

:14/12/2012 Filing Date

(87) International Publication No:WO 2013/087967

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

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1)ORTEGA LINARES Manuel Gil 2)RODR GUEZ RUBIO Francisco 3)GUERRERO CANO Manuel

4)NORIEGA GIL Pablo

(57) Abstract:

The invention relates to a suitable control method for a system of photovoltaic concentration modules which can be used to maintain the correct orientation of the modules in order to track the sun without requiring the use of positioning sensors. The sun is tracked by performing angular movements in relation to each of the degrees of freedom at given intervals measuring the power or current supplied by the energy collection module(s). The estimation of the sun s position and the strategy for subsequent movements are determined as a function of the reading.

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

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN IMPROVED PRE HYDROLYSIS STEP INVOLVING VACUUM

(31) Priority Document No :61/578,281
(32) Priority Date :21/12/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2012/076419

:20/12/2012

Filing Date

(87) International Publication :WO 2013/092881

No (61) Patent of Addition to

Application Number :NA :NA :NA

(62) Divisional to Application Number :NA Filing Date :NA

(51) International classification :C12P19/02,D21C1/10,D21C9/00 (71)Name of Applicant :

1)BETA RENEWABLES S.P.A.

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(72)Name of Inventor : 1)SISSON Edwin Andrew

2)FERRERO Simone 3)TORRE Paolo 4)OTTONELLO Piero

5)CHERCHI Francesco 6)GRASSANO Giuseppe

7)ORIANI Luis 8)GIORDANO Dario

(57) Abstract:

An improved pre hydrolysis step involving exposing water insoluble pre treated ligno cellulosic biomass to vacuum conditions with and without enzymes is disclosed. After exposing the water insoluble pre treated ligno cellulosic biomass to vacuum conditions enzymatic hydrolysis is conducted on the pre treated material. The result is an increased yield of glucose and often xylose after the enzymatic hydrolysis when compared to a composition which has not been exposed to vacuum conditions.

No. of Pages: 45 No. of Claims: 49

(21) Application No.1325/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HIGH SURFACE AREA COMPOSITION COMPRISED OF LIGNIN

(51) International classification :D21C1/02,D21C5/00,C08L97/02 (31) Priority Document No :61/578,373 (32) Priority Date :21/12/2011

(33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2012/076439

No :20/12/2012 Filing Date

(87) International Publication :WO 2013/092887

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)BIOCHEMTEX S.P.A.

Address of Applicant: Strada Ribrocca 11 I 15057 Tortona

(Alessandria) Italy (72)Name of Inventor:

5)TORRE Paolo

1)ELLIOTT Guliz Arf 2)DE FAVERI Danilo 3)CHERCHI Francesco 4)FERRERO Simone

(57) Abstract:

Disclosed in this specification is a lignin composition having unique characteristics relative to its characteristics as found in its natural environment. The lignin has been modified so that more lignin decomposes at the lower lignin decomposition temperature than decomposes at the higher lignin decomposition temperature and the lignin composition has a very high surface area relative to naturally occurring lignin compositions.

No. of Pages: 34 No. of Claims: 10

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD OF PRODUCING OLEFIN RESIN COMPOSITION

:WO 2013/094437

 (51) International classification
 :C08L23/02,C08J7/00,C08K5/49

 (31) Priority Document No
 :2011-278865

 (32) Priority Date
 :20/12/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/081842

Filing Date :07/12/2012

(87) International Publication

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant :

1)ADEKA CORPORATION

Address of Applicant :2 35 Higashiogu 7 chome Arakawa ku

Tokyo 1160012 Japan (72)Name of Inventor: 1)KAWAMOTO Naoshi 2)URUSHIHARA Tsuyoshi 3)SEGUCHI Tetsuya

4)OKAMOTO Kohei

(57) Abstract:

Provided is a method of producing an olefin resin composition the method being capable of producing an olefin resin composition in which decrease in physical properties and development of yellowing after sterilization treatment by irradiation are suppressed. A method of producing an olefin resin composition for molded articles used after sterilization treatment by irradiation wherein a phenolic antioxidant represented by general formula (1) which is masked with an organic aluminum compound is mixed in before or during polymerization of an olefinic monomer such that the amount thereof is 0.001 0.5 parts by mass with respect to 100 parts by mass of an olefin resin obtained by polymerization and a phosphorus based antioxidant is mixed in before during or after polymerization of the olefinic monomer such that the amount thereof is 0.001 3 parts by mass with respect to 100 parts by mass of the olefin resin obtained by polymerization. (1) (In the formula R is an alkyl group etc. having 12 24 carbon atoms which may be branched and/or substituted.)

No. of Pages: 28 No. of Claims: 5

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A THREE DIMENSIONAL PREFORM FROM A FIBRE FABRIC AS PART OF PRODUCTION OF FIBRE REINFORCED FORMED COMPONENTS

(51) International :B29B11/16,B29C31/08,B29C70/46

(31) Priority Document No :10 2012 200 699.0

(32) Priority Date :18/01/2012 (33) Name of priority

country :Germany

(86) International

Application No :PCT/EP2013/050912

Filing Date :18/01/2013

(87) International Publication No :WO 2013/107849

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)DIEFFENBACHER GMBH MASCHINEN UND

ANLAGENBAU

Address of Applicant : Heilbronner Strae 20 75031 Eppingen

Germany

(72)Name of Inventor:

1)GRAF Matthias 2)FUERST Tobias

3)MAERTIENS Steffen

(57) Abstract:

The invention relates to a method and a device for producing a three dimensional preform (19) from a fibre fabric (1) as part of production of fibre reinforced formed components comprising a draping device (3) and a transport device (21) for the fibre fabric (1) wherein said draping device (3) at least comprises a draping form (18) for a fibre fabric (3) and means movable in relation to the draping form (18) for reshaping the fibre fabric (3) on the basis of the contour of the draping form (18). The problem addressed by the invention is that of ensuring swift yet high quality reshaping particularly of large area and/or complex geometries of a preform. To solve the method problem the invention states that the transport device (21) successively releases the fibre fabric (1) in the direction of the draping form (18) and the released regions of the fibre fabric (1) are fixed and/or draped on the draping form by means of a fixing stamp (4) and/or a draping stamp (5).

No. of Pages: 19 No. of Claims: 11

(21) Application No.1274/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: RADAR REFLECTION ABSORBING GLAZING

(51) International classification :B32B17/10 (71)Name of Applicant: (31) Priority Document No 1)EADS DEUTSCHLAND GMBH :10 2011 056 395.4 (32) Priority Date Address of Applicant : Willy Messerschmidt Strae 85521 :14/12/2011 (33) Name of priority country Ottobrunn Germany :Germany (86) International Application No (72)Name of Inventor: :PCT/EP2012/072951 1)SCHREIBER Walter Filing Date :19/11/2012 (87) International Publication No :WO 2013/087358 2) RUBBERT Frank (61) Patent of Addition to Application 3)FRYE Andreas :NA 4)SCHMALBUCH Klaus :NA Filing Date 5)STELLING Bernd (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a radar reflection absorbing glazing comprising at least: a first substrate (1) and a second substrate (2) arranged two dimensionally above the first substrate (1) a first radar reflecting structure (3) on the outside surface (I) or on the inside surface (II) of the first substrate (1) and a second radar reflecting structure (4) on the inside surface (III) or on the outside surface (IV) of the second substrate (2) wherein the first radar reflecting structure (3) is an electrically conductive coating (3) into which linear decoated regions (5) are introduced.

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

(21) Application No.1330/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: NANOSTRUCTURE AND PROCESS OF FABRICATING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/IB2012/050002 :01/01/2012 :WO 2013/098657 :NA :NA	(71)Name of Applicant: 1)RAMOT AT TEL AVIV UNIVERSITY LTD. Address of Applicant: P.O. Box 39296 6139201 Tel Aviv Israel (72)Name of Inventor: 1)PATOLSKY Fernando 2)PEVZNER Alexander 3)ENGEL Yoni 4)ELNATHAN Roey 5)TSUKERNIK Alexander 6)RARKAY Zabaya
(62) Divisional to Application Number Filing Date	:NA :NA	6)BARKAY Zahava

(57) Abstract:

in situA process of fabricating a nanostructure is disclosed. The process is effected by growing the nanostructure within a trench formed in a substrate and having therein a metal catalyst selected for catalyzing the naostructure growth under the conditions in which the growth is guided by the trench. Also disclosed are nanostructure systems comprising a nanostructure devices containing such systems and uses thereof.

No. of Pages: 66 No. of Claims: 47

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD OF DETERMINING A CALIBRATION TIME INTERVAL FOR A CALIBRATION OF A MEASUREMENT DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/11/2012 :WO 2013/083411 :NA :NA	(71)Name of Applicant: 1)ENDRESS+HAUSER MESSTECHNIK GMBH+CO. KG Address of Applicant: Colmarer Strae 6 79576 Weil am Rhein Germany (72)Name of Inventor: 1)VAISSIERE Dimitri
Filing Date	:NA	

(57) Abstract:

Method of determining a calibration time interval for a measurement device which allows an optimization of calibration time intervals comprising the steps of: performing a first and a second calibration and determining a first and a second measurement errors (E1 E2) adjusting repairing or replacing the device and restarting the method from the beginning if said measurement errors (E1 E2) exceed predetermined error ranges (E MPE) if a significant drift (D) between the first and the second measurement errors (E1 E2) occurred determining the calibration time of a third calibration according to a probability density function (PDF(ts)) of a crossing time (t) at which the measurement error (E) of the device will exceed the maximum permissible error (MPE) which is determined based on the first and the second measurement errors (E1 E2) a probability density function (PDF (e)) for determining a measurement error (ec) solely due to a calibration uncertainty inherent to the first calibration and the first and the second calibration times (T1 T2).

No. of Pages: 26 No. of Claims: 8

12) TATENT ATTEICATION TODEICATION

(21) Application No.1277/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: OPEN TYPE STEREOSCOPIC TRIANGLE AMORPHOUS ALLOY REEL IRON CORE

(51) International classification :H01F3/04 (71)Name of Applicant: 1) GUANGDONG HAIHONG TRANSFORMER CO. LTD. (31) Priority Document No (32) Priority Date Address of Applicant: No.3 Huancui west road Cuishan Lake (33) Name of priority country new zone Kaiping Guangdong 529339 China (86) International Application No (72)Name of Inventor: :PCT/CN2012/070468 1)XU Kaixuan Filing Date :17/01/2012 (87) International Publication No :WO 2013/106994 2)GUO Xianqing (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An open type stereoscopic triangle amorphous alloy reel iron core comprises an iron core body (1). The iron core body is a three phase round core column combined by three identical closed iron core single frames (2) and the combined three phase round core column is arranged in a shape of a stereoscopic equilateral triangle. Each iron core single frame comprises iron yokes (3) arranged on an upper end and a lower end of the iron core single frame the iron yoke on one side of each iron core single frame is provided with an opening (4) and the iron core single frame can be assembled or disassembled at the opening. By providing the opening which can be conveniently opened on the iron yoke arranged on one side of each stereoscopic triangle amorphous alloy iron core single frame coils can be independently wound in the production process of a transformer and the finished coils are directly sleeved on the three core columns; therefore the production efficiency is improved and the production cost is saved.

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

(21) Application No.1334/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/07/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE FOR CARRYING OUT MECHANICAL CHEMICAL AND/OR THERMAL PROCESSES

(51) International classification:B01F7/04,B01F15/02,B01F15/06 (71)Name of Applicant: :10 2012 100 085.9 (31) Priority Document No (32) Priority Date :05/01/2012 (33) Name of priority country :Germany (86) International Application :PCT/EP2012/076928 No :27/12/2012 Filing Date

(87) International Publication :WO 2013/102601

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)LIST HOLDING AG

Address of Applicant :24 Berstelstrasse CH 4422 Arisdorf

Switzerland

(72)Name of Inventor: 1)FLEURY Pierre Alain 2)KUNKEL Roland

(57) Abstract:

Disclosed is a device for carrying out mechanical chemical and/or thermal processes in a housing (3) comprising mixing and cleaning elements (5) on at least two shafts (12) said mixing and cleaning elements (5) on the shafts (12) meshing with each other and being equipped with disk elements that include kneading bars. According to the invention the number of disk elements including kneading bars is adjusted to the speed ratio between the shafts.

No. of Pages: 28 No. of Claims: 26

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PROVIDING USER INTERFACE FOR DEVICE CONTROL

(51) International classification :G06F15/16,G06F3/048 (71)Name of Applicant : (31) Priority Document No 1)SAMSUNG ELECTRONICS CO. LTD. :10-2011-0126277 (32) Priority Date Address of Applicant :129 Samsung ro Yeongtong gu Suwon :29/11/2011 (33) Name of priority country si Gyeonggi do 443 742 Republic of Korea :Republic of Korea (86) International Application No (72)Name of Inventor: :PCT/KR2012/008967 1)CHO Hyung rae Filing Date :30/10/2012 (87) International Publication No :WO 2013/081303 2)KWEON Ji hyeon (61) Patent of Addition to Application 3)OH Seok min :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A user interface (UI) providing system and method for device control are provided. The User Interface (UI) providing method the method includes: identifying at least one controlled devices relating to an activity mode selected by a user; collecting control information relating to functions provided by the identified at least one controlled devices; and generating a UI used to control the at least one controlled devices relating to the activity mode based on the collected control information.

No. of Pages: 34 No. of Claims: 15

(21) Application No.1283/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: TRACKING THREE DIMENSIONAL OBJECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06T7/00 :61/564,722 :29/11/2011 :U.S.A. :PCT/US2012/066114 :20/11/2012 :WO 2013/081917 :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)WAGNER Daniel 2)GERVAUTZ Michael
- 13		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method and apparatus for tracking three dimensional (3D) objects are disclosed. In one embodiment a method of tracking a 3D object includes constructing a database to store a set of two dimensional (2D) images of the 3D object using a tracking background where the tracking background includes at least one known pattern receiving a tracking image determining whether the tracking image matches at least one image in the database in accordance with feature points of the tracking image and providing information about the tracking image in respond to the tracking image matches the at least one image in the database. The method of constructing a database also includes capturing the set of 2D images of the 3D object with the tracking background extracting a set of feature points from each 2D image and storing the set of feature points in the database.

No. of Pages: 28 No. of Claims: 36

(22) Date of filing of Application :01/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD OF FACILITATING MONETARY TRANSACTION USING VIDEOS IN A MONETARY TRANSACTION TERMINAL.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06K5/00, G07F19/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AMIT KUMAR JAIN Address of Applicant:F1402, ROYAL CLASSIC BUILDING, LINK ROAD, ANDHERI WEST, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)AMIT KUMAR JAIN
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(57) Abstract:

The method comprises: receiving a request for a monetary transaction from a user, at a monetary transaction terminal, wherein said request is in the form of a video that is input through a video capturing and processing apparatus; obtaining and processing said users biometric data using a biometric data module implemented as a part of said monetary transaction module apparatus, and generating said users processed biometric data; sending said request from said monetary transaction terminal to a service server associated with a service that facilitates and processes said monetary transaction; receiving said request from said monetary transaction terminal at said service server; sending said users processed biometric data from said monetary transaction terminal to said service server; receiving said users processed biometric data at said service server; performing a biometric authentication process using an authentication module in said service server, wherein said authentication process comparing said users processed biometric data and a pre-stored biometric data associated with said user; issuing a notification of a successful authentication by said authentication module, if said users biometric data and said pre-stored biometric data match; issuing a notification of an unsuccessful authentication by said authentication module, if said users biometric data and said pre-stored biometric data do not match; interpreting and transcribing instructions and information conveyed by said user in said video, in said service server, resulting in a machine understandable transaction call generating a transaction log associated with said transaction request; sending said transaction call to a third party server associated with a financial entity with which said user has a monetary account upon issuance of said notification of successful transaction; receiving a permission to complete said monetary transaction, wherein said permission is sent from said third party server to said service server; sending an instruction from said service server to said monetary transaction terminal to complete said requested monetary transaction; receiving said instruction at said monetary transaction terminal; completing said monetary transaction at said monetary transaction terminal ,wherein said user realizes the output of said monetary transaction through said monetary transaction terminal.

No. of Pages: 26 No. of Claims: 16

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND APPARATUS FOR NEUROMOTOR REHABILITATION USING INTERACTIVE SETTING SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F19/00 :12425001.0 :04/01/2012 :EPO :PCT/IB2013/050052 :03/01/2013 :WO 2013/102863 :NA :NA :NA	(71)Name of Applicant: 1)P2R Srl Company Address of Applicant:Largo Adua n.1 Bergamo Italy (72)Name of Inventor: 1)CERUTI Gabriele 2)ORLANDI Thomas 3)MANZINI Veronica 4)RISPOLI Jessica
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(57) Abstract:

The invention provides a method and an apparatus for neuromotor rehabilitation by using virtual and interactive environments which allow the subject or patient to carry out rehabilitative training and to collect functional parameters concerning the neuromotor aspect. Said method offers in only one apparatus a play means a rehabilitative equipment and a device for collecting and analyzing specific medical parameters. The method can be used according to two modes: the assisted and independent one. The subject is represented in a virtual setting in which he is asked to carry out precise activities in order to reach a target aim and at the same time to use or summon up motor pattern studied by rehabilitation therapists; during the activity the equipment records a very significant quantity of previously selected data which are classified processed compared and analyzed by means of a dedicated data management software.

No. of Pages: 43 No. of Claims: 13

(22) Date of filing of Application :25/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: IMMERSION NOZZLE FOR CONTINUOUS CASTING AND CONTINUOUS CASTING METHOD **USING SAME**

:B22D11/10,B22D41/50 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2011-287883 (32) Priority Date :28/12/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/084068 Filing Date :28/12/2012

(87) International Publication No :WO 2013/100127

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72)Name of Inventor: 1)AWAJIYA Yutaka 2)KUBOTA Jun

(57) Abstract:

The purpose of the present invention is to provide a continuous casting immersion nozzle that excels in anti spalling properties and alumina adhesion prevention properties and a continuous casting method that uses the nozzle. This continuous casting immersion nozzle is provided with a pair of discharge holes that are provided near the bottom and on the sides of a surface of an inner wall that constitutes a cylindrical flow path for molten metal and that are bilaterally symmetric with respect to a central axis. The immersion nozzle is continuously configured over the entire height direction thereof using a material B. The inner wall surface comprises a region (B) formed using the material B and a region (A) formed using a material different from the material B. The coefficient of linear expansion at 1500°C of the material that constitutes the region (A) is greater than the coefficient of linear expansion at 1500°C of the material B. The difference between the average value in the height direction of the coefficient of linear expansion of the inner wall surface at 1500°C and the average value in the height direction of the coefficient of linear expansion of the inner wall surface at 900°C is 0.40 0.60%.

No. of Pages: 35 No. of Claims: 4

(21) Application No.1288/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : MECHATRONIC CIRCUIT BREAKER DEVICE AND ASSOCIATED TRIPPING METHOD AND USE THEREOF IN INTERRUPTING A HIGH DIRECT CURRENT

(51) International classification :H01H9/54 (71)Name of Applicant: (31) Priority Document No 1)ALSTOM TECHNOLOGY LTD :1162413 (32) Priority Date :23/12/2011 Address of Applicant :Brown Boveri Strasse 7 CH 5400 (33) Name of priority country Baden Switzerland :France (86) International Application No (72)Name of Inventor: :PCT/EP2012/076399 Filing Date :20/12/2012 1)DUPRAZ Jean Pierre (87) International Publication No :WO 2013/092873 2) GRIESHABER Wolfgang (61) Patent of Addition to Application 3)COLLET Michel :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a novel mechantronic circuit breaker (1) and to its associated tripping method for interrupting both alternating currents and direct currents at high voltage.

No. of Pages: 73 No. of Claims: 22

(22) Date of filing of Application :01/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AUTOMATIC TIRE PRESSURE CONTROLLING SYSTEM IN A VEHICLE

(5) I	:B60C23/00,	(71)Name of Applicant:
(51) International classification	B60C 23/18	1)Kshitij Prashant Gawande
(31) Priority Document No	:NA	Address of Applicant :24, Friends colony, V.M.V. Road,
(32) Priority Date	:NA	Amravati, Maharashtra -444604 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Kshitij Prashant Gawande
Filing Date	:NA	2)Sanket Anant Kulkarni
(87) International Publication No	: NA	3)Aniket Sanjay Kshirsagar
(61) Patent of Addition to Application Number	:NA	4)Gauri Pravin Tapadiya
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Following invention provides a new technique towards one more improvement in our automobile industry. We always try to make everything perfect around us and there is major problem still remaining in our automobiles, a puncture. We have developed tubeless tires but thatTMs not a perfect solution, so there is a serious need of improvement in this section. In this invention, compressor is used to create the pressure equal to the tire pressure and air is transferred using hoses. This is a very basic concept which uses compressor power to maintain the pressure of a tire while running, using pressure gauges and leak proof connection. This technique allows us to drive a punctured vehicle which increases safety, comfort & saves time.

No. of Pages: 12 No. of Claims: 9

(21) Application No.1241/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE FOR PROTECTION AGAINST PARTICLES GENERATED BY AN ELECTRIC **SWITCHING ARC**

(51) International :H01H33/04,H01H33/08,H01H9/30

classification

(31) Priority Document No :1162190 (32) Priority Date :21/12/2011 (33) Name of priority country: France

(86) International Application:PCT/EP2012/076712 No

:21/12/2012 Filing Date

(87) International Publication :WO 2013/093033 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland (72)Name of Inventor: 1)RODRIGUES Didier 2)FRIGIERE Denis 3)WILLIEME Jean Marc

4)JACQUIER Frank

(57) Abstract:

A device for protection against particles generated by an electric arc when a first electrically conductive part (31) and a second electrically conductive part (32) of an electrical connection assembly are separated from one another the protection device comprising at least one protection element (43 44 45) arranged near the place of separation of the first part (31) and the second part (32) to form a screen against said particles.

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

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: COOLANT DEVICE DISPENSER AND METHODS BACKGROUND OF THE INVENTION

(21) Application No.1243/MUMNP/2014 A

(51) International classification	:A61F7/10	(71)Name of Applicant:
(31) Priority Document No	:61/578,962	1)ROTHENBERG Sarah
(32) Priority Date	:22/12/2011	Address of Applicant :Oholiav Street 30/3 94467 Jerusalem
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2012/050539	(72)Name of Inventor:
Filing Date	:20/12/2012	1)ROTHENBERG Sarah
(87) International Publication No	:WO 2013/093917	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention provides a thin and discreet coolant device and single and multiple unit dispenser containings the same. The coolant device comprises a first packet being comprised of a waterproof or water resistant material containing water therewithin and further comprising a told and further adapted to have a selectively permanent connection between external and internal layers of said fold such that upon applying a force to laterally extend the ends of said packet a rupture of said first packet occurs allowing for the leakage of the water contained therewithin. The coolant device further comprise; a second packet which encases said first packet comprising an exterior and interior layer wherein said interior layer is comprised of an absorbent material and said exterior layer is comprised of a waterproof or water resistant material.

No. of Pages: 36 No. of Claims: 51

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHODS AND SYSTEMS OF READING UTILITY METERS AND METHODS AND SYSTEMS OF TRANSMITTING UTILITY METER DATA

(21) Application No.1244/MUMNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q50/06 :61/563,573 :24/11/2011 :U.S.A. :PCT/IL2012/050436 :01/11/2012 :WO 2013/076719 :NA :NA :NA	(71)Name of Applicant: 1)NISKO TELEMATICS 2012 LIMITED PARTNERSHIP Address of Applicant: 2A HaBarzel Street 6971003 Tel Aviv Israel (72)Name of Inventor: 1)WINTER Dan
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(57) Abstract:

A method of polling of meter data measured by a plurality of utility measuring devices and transmitted over a plurality of wireless local area network (WLAN) channels. The method comprises capturing a plurality of management frames which are transmitted periodically by a plurality of utility measuring devices over a plurality of WLAN channels extracting meter data from each the management frame and updating a plurality of consumer records each according to respective the meter data from a respective the utility measuring device.

No. of Pages: 24 No. of Claims: 20

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF TERIFLUNOMIDE

(51) International classification	:C07C253/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALEMBIC PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :ALEMBIC CAMPUS, ALEMBIC
(33) Name of priority country	:NA	ROAD, VADODARA-390 003, GUJARAT, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAY, VISHAL
(87) International Publication No	: NA	2)DHOL, SNEHAL
(61) Patent of Addition to Application Number	:NA	3)PATEL, SAMIR
Filing Date	:NA	4)JAYARAMAN, VENKAT RAMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

No. of Pages: 14 No. of Claims: 9

The present invention provides an improved process for preparation of teriflunomide of formula I.

(21) Application No.1584/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SECURITY SYSTEM

(51) International classification	1/66, H04M	(71)Name of Applicant: 1)JAYAM PATEL Address of Applicant:8, RUCHIR BUNGALOWS PART-1,
(31) Priority Document No	1/677 :NA	BEHIND IOC PETROL PUMP, JUDGES BUNGALOW ROAD, BODAKDEV, AHMEDABAD - 380054, GUJARAT, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)JAYAM PATEL
(86) International Application No	:NA	2)DR. RONAK SHODHAN
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 security system comprising a microcontroller, a cellular phone module, a plurality of sensors, a plurality of audio and visual devices and a locking mechanism connected to a power transmission system driven by a bi-directional motor is disclosed. The security system changes to THREAT mode upon detection of an intrusion, closing any open shutter such as a door or a window and subsequently locking the same. Pre-stored phone numbers would be contacted by the cellular phone module upon detection of intrusion. The security system provides for two-way communication using GSM / CDMA network allowing the user to lock and unlock the secured premises. The microcontroller receives and sends signals and is capable of interpreting incoming signals and appropriately acting on the same. The security system allows the user to remotely check the state of the secured premises.

No. of Pages: 22 No. of Claims: 20

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PRESSURE COOKER WITH INTEGRATED GAS-SAVING FIRE TRAP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A47J27/08, A47J27/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RIAZ PADAMSEE Address of Applicant:4TH FLOOR, PARMAR GALLERY, SHIVARKAR ROAD, OPPOSITE PARMAR PARK, WANAWADI, PUNE 411040, MAHARASHTRA, INDIA (72)Name of Inventor: 1)RIAZ PADAMSEE
Filing Date	:NA	

(57) Abstract:

An improved pressure cooker is disclosed herein which, due to integration of a heat trap, allows retentive optimized absorption of heat content of incident flames and, at same time, is frugal in fuel and cooking time requirements

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

(21) Application No.1300/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: COMPOSITION BASED ON UBIDECARENONE

(57) Abstract:

A composition based on ubidecarenone or coenzyme Q10 or CoQ1O comprises CoQ1O one or more specific hydrophylic carriers selected from the maltodextrins class and one or more adjuvant agents selected from the sucrose esters class.

No. of Pages: 33 No. of Claims: 25

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SLING SYSTEM WITH REMOVABLE STRING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E21B33/038, E21B21/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PATANKAR, MANGESH Address of Applicant: 301, SWAGAT CO-OP HSG SOCIETY, PLOT 48, SECTOR 4, AIROLI, NAVI MUMBAI 400 708, MAHARASHTRA, INDIA. 2)DIWAKAR, DINESH 3)AMBARDEKAR, SANDEEP (72)Name of Inventor: 1)PATANKAR, MANGESH 2)DIWAKAR, DINESH 3)AMBARDEKAR, SANDEEP
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(57) Abstract:

An efficient, safe, and reproducible surgical technique for the treatment of female stress urinary incontinence, in which the anchor consists of removable suing so that no string remains inside the body after positioning, fixation and adjustment of the sling in the target place during surgery and thus minimizing the subjects discomfort after placement of the sling. Thus allowing removal of the string from the passage of the anchor for short sling system. The short and long sling system further comprises fixation of the bearing, ring and the attachment that allows for anti-twisting element to provide better flexible attachment of the sling with the delivery device facilitating relative rotational motion of the bearing with the ring and the attachment but preventing axial displacement of the bearing with the attachment The invention further contains a device which allows attachment of the sling with the delivery device by threading/screwing during assembly. This invention relates to a method of placing the sling in a position beneath the urethra by transobturator approach using small incision through the marked position at the vaginal epithelium, beneath the level of mid-urethra, as per standard procedure for a midurethral sling for inside-out approach and making a thigh incision at the marked position, placing the sling beneath the mid-urethra through transobturator approach outside-in approach. This procedure involves for both long sling system and short sling system.

No. of Pages: 43 No. of Claims: 10

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM FOR REMOTELY CONTROLLING VEHICLE'S ENGINE THROUGH SMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	G06F19/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHAH PRATIK SATISHKUMAR Address of Applicant:96, BHANUSMRUTI, DHOLIKUI, PETLAD - 388450 GUJARAT, INDIA (72)Name of Inventor: 1)SHAH PRATIK SATISHKUMAR 2)KHARA SATVIK VIJAYBHAI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is a system for remotely controlling vehicles engine through SMS which can be used to recover the installment of the loan taken on the vehicle by switching on or off the engine of the vehicle from a remote location. The invention makes use of an embedded system based on GSM technology having an interfacing GSM modem which is connected to the microcontroller which in turn is connected to the engine. The present invention can also be used for tracking the vehicle by using a GPS module. It can also sense the distance travelled by the vehicle and send the data obtained to the users mobile phone.

No. of Pages: 30 No. of Claims: 9

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM FOR A LOW COST BI-DIRECTIONAL GRID TIED PHOTOVOLTAIC (PV) MICRO INVERTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	H02M 1/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY Address of Applicant: INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI, MUMBAI - 400076, INDIA. Maharashtra India (72)Name of Inventor: 1)MADHUVANTI JOSHI
(61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The proposed invention is a Low cost bi-directional Photovoltaic (PV) microinverter providing bi-directional power flow between a load and plurality of power sources and also between said plurality of power sources. It has a cascade connection of a decoupling capacitor, a switching stage having half bridge configuration, a resonant tank circuit (series connection of inductor and capacitor), a high frequency transformer, filter capacitors and a low frequency switching network consisting of semiconductor switches configured in full bridge arrangement.

No. of Pages: 25 No. of Claims: 22

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : AMORPHOUS ALLOY TRANSFORMER IRON CORE OF THREE DIMENSIONAL TRIANGLE STRUCTURE

(51) International classification :H01F27/24,H01F41/02 (71)Name of Applicant : (31) Priority Document No 1)GUANGDONG HAIHONG TRANSFORMER CO. LTD. :201210167698.7 (32) Priority Date Address of Applicant :No.3 HuancuI West Road Cuishan :28/05/2012 Lake New Zone Kaiping Guangdong 529339 China (33) Name of priority country :China (86) International Application No :PCT/CN2012/076604 (72)Name of Inventor: Filing Date :07/06/2012 1)XU Kaixuan (87) International Publication No :WO 2013/177815 2)GUO Xianqing

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

(57) Abstract:

An amorphous alloy transformer iron core of a three dimensional triangle structure belongs to the technical field of electrical devices. The amorphous alloy transformer iron core of the three dimensional triangle structure is formed by piecing three identical rectangular single frames whose sections are approximately semicircular. A manufacturing method thereof comprises steps of cutting winding assembling annealing and molding. The amorphous alloy transformer iron core of the three dimensional triangle structure has the advantages of saving materials reducing loss and noise balancing three phases enabling coils not to be sleeved and being stable in performance and strong in anti short circuit capacity.

No. of Pages: 15 No. of Claims: 2

(22) Date of filing of Application :24/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WIRELESS BRIDGING IN A HYBRID COMMUNICATION NETWORK

(51) International classification :H04B3/54,H04L12/46,H04W40/24

(31) Priority Document No :61/564,054 (32) Priority Date :28/11/2011

(33) Name of priority country:U.S.A.

(86) International :PCT/US2012/066876

Application No :28/11/2012

Filing Date .20/1

(87) International Publication: WO 2013/082170

(61) Patent of Addition to
Application Number :NA

Application Number :NA Filing Date

(62) Divisional to
Application Number
Siling Data
:NA
:NA

Filing Date

(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)SCHRUM JR. Sidney B. 2)YONGE III Lawrence W.

(57) Abstract:

A hybrid device can be configured to use WLAN communication links for bridging network traffic between any pair of network devices in a hybrid communication network irrespective of whether the bridged network devices support WLAN communication. The hybrid device receives a first data frame in a first frame format for transmission to a destination device. The hybrid device accesses its hybrid forwarding tables and identifies a transmit interface from which to transmit the first data frame for transmission to the destination device. If the transmit interface is a WLAN interface WLAN forwarding tables associated with the WLAN transmit interface are accessed to identify a receiving WLAN device to which the first data frame should be transmitted. The WLAN transmit interface converts the first data frame into a second data frame in a WLAN frame format and transmits the second data frame to the receiving WLAN device.

No. of Pages: 68 No. of Claims: 39

(21) Application No.1329/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/07/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR PREPARATION OF 3 ((2S 5S) 4 METHYLENE 5 (3 OXOPROPYL)TETRAHYDROFURAN 2 YL) PROPANOL DERIVATIVES AND INTERMEDIATES USEFUL THEREOF

(51) International :C07D307/20,C07D307/12,C07D493/04 classification (31) Priority Document :61/576,649 No (32) Priority Date :16/12/2011 (33) Name of priority :U.S.A. country (86) International :PCT/CA2012/050897 Application No :14/12/2012 Filing Date (87) International :WO 2013/086634

Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ALPHORA RESEARCH INC.

Address of Applicant :2395 Speakman Drive Suite 2001

Mississauga Ontario L5K 1B3 Canada

(72)Name of Inventor: 1)SOUZA Fabio E.s. 2)BEXRUD Jason A.

3)ORPRECIO Ricardo 4)GORIN Boris

(57) Abstract:

1Discloses is a process for preparation of a compound of formula 7 or a derivative thereof wherein PG is an alcohol protecting group. Also disclosed are intermediates and processes for their preparation. The compound of formula 7 can be useful in the preparation of halinchondrin analogs such as Eribulin.

No. of Pages: 63 No. of Claims: 58

(22) Date of filing of Application :06/05/2013 (43)

(43) Publication Date: 13/03/2015

(54) Title of the invention: INVENTION OF IMPROVED PROCESS FOR OBTAINING PIPER LONGUM DERIVED PRODUCT HAVING DISTINCT PROPERTIES WITH RESPECT TO ENHANCEMENT OF SPERMATOGENESIS PROCESS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B05C11/00, B05D1/37 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BALLAL RENUKA BHARAT Address of Applicant: SR. NO. 30/4, SUMAN PARADISE, A-WING, FLAT NO3, NEAR ZEAL COLLEGE NARHE, PUNE-411041, MAHARASHTRA, INDIA 2)HULAWALE SAGAR ANANTA 3)MATEY HARPREET KAUR 4)BHAT ANKUSH JEE 5)PAWAR SUNIL GANAPATRAO 6)BHAT ADHIKRAO JAGANNATH 7)BALLAL BHARAT BAJARANG 8)JADHAV KAKASAHEB DADU (72)Name of Inventor: 1)BALLAL RENUKA BHARAT 2)HULAWALE SAGAR ANANTA 3)MATEY HARPREET KAUR 4)BHAT ANKUSH JEE 5)PAWAR SUNIL GANAPATRAO 6)BHAT ADHIKRAO JAGANNATH 7)BALLAL BHARAT BAJARANG 8)JADHAV KAKASAHEB DADU
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(57) Abstract:

Present invention belongs to biotechnology field and keeps industrial applications. Sperms are the reservoir of human genome information. Competition, overexploitation of electronic appliances, use of computers, devices having electromagnetic radiations, stress-level & pollution has been documented for decline in sperm count. Every year male sperm count fall by 2%. At this rate there would be no fertile men left in the next 40-50 years. This is the outcome of intense research performed with the approval of Institutional Animal Ethics Committee. Invented product is a distinct product which is characterized by new properties which were not described in prior art. Using unique procedure and modern biotechnology tools, the novel product is derived from Piper longum. The product is useful for minimizing infertility problems by increasing sperm counts. On the background of annual fall in the average sperm count, the invention is vital for existence of human race.

No. of Pages: 17 No. of Claims: 4

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: IMPROVED PRE SOAKING PROCESS FOR BIOMASS CONVERSION

(51) International classification :C12P19/02,C13K1/02,D21C1/02 (71)Name of Applicant :

:28/12/2012

:WO 2013/098789

(31) Priority Document No :TO2011A001219 (32) Priority Date :28/12/2011

(33) Name of priority country :Italy

(86) International Application :PCT/IB2012/057790

No

Filing Date (87) International Publication

(61) Patent of Addition to :NA Application Number :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)BETA RENEWABLES S.P.A.

Address of Applicant: Strada Ribrocca 11 I 15057

TORTONA (Alessandria) Italy

(72)Name of Inventor:

1)CHERCHI Francesco 2)OTTONELLO Piero

3)FERRERO Simone

4)TORRE Paolo

5)DE FAVERI Danilo 6)RIVAS TORRES Beatriz

7)TONET RENSI Liliane

8)RIVA Daniele 9)BOSIO Federica

(57) Abstract:

An improved method of conducting the pre soaking step involving pre soaking the ligno cellulosic biomass in a liquid (water) at a temperature in the range of between 100°C to 150°C prior to soaking at higher temperatures. This material can then be soaked and soaked liquid filtered by nano filtration. When nano filtration is used the pre soak temperature can be in the range of 10°C to 150°C.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN IMPROVED SUGAR RECOVERY METHOD FROM LIGNO CELLULOSIC BIOMASS

(51) International classification	:C12P19/02,C12P19/14	(71)Name of Applicant:
(31) Priority Document No	:TO2012A000007	1)BETA RENEWABLES S.P.A.
(32) Priority Date	:09/01/2012	Address of Applicant :Strada Ribrocca 11 15057 Tortona
(33) Name of priority country	:Italy	(Alessandria) Italy
(86) International Application No	:PCT/IB2013/050186	(72)Name of Inventor:
Filing Date	:09/01/2013	1)TORRE Paolo
(87) International Publication No	:WO 2013/105033	2)FERRERO Simone
(61) Patent of Addition to Application	:NA	3)OTTONELLO Piero
Number	:NA	4)TONET RENSI Liliane
Filing Date	.NA	5)CHERCHI Francesco
(62) Divisional to Application Number	:NA	6)GIORDANO Dario
Filing Date	:NA	

(57) Abstract:

Disclosed in this specification is a process for the improved hydrolysis of glucans to glucose wherein a portion of the glucose is removed from the process to improve the yield of glucose.

No. of Pages: 46 No. of Claims: 22

(22) Date of filing of Application :06/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: INVENTION OF PICRORRHIZA KURROA DERIVED PRODUCT HAVING DISTINCT PROPERTIES WITH RESPECT TO AUGMENTATION OF SPERMATOGENESIS PROCESS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C11D1/68, C11D1/723 :NA :NA :NA :NA :NA :NA :NA :NA :NA	I ZIRALLAL RENIJKA RHARAT
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(57) Abstract:

Present invention belongs to biotechnology field and keeps industrial applications. Sperms are the reservoir of human genome information. Competition, overexploitation of electronic appliances, use of computers, devices having electromagnetic radiations, stress-level & pollution has been documented for decline in sperm count. Every year male sperm count fall by 2%. At this rate there would be no fertile men left in the next 40-50 years. This is the outcome of intense research performed with the approval of Institutional Animal Ethics Committee. Invented product is a distinct product which is characterized by new properties which were not described in prior art. Using unique procedure and modern biotechnology tools, the novel product is derived from Picrorrhiza kurroa. The product is useful for minimizing infertility problems by increasing sperm counts. On the background of annual fall in the average sperm count, the invention is vital for existence of human race.

No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :06/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NOVEL PRODUCT OBTAINED FROM CHLOROPHYTUM BORIVILIANUM, PIPER LONGUM, PICRORRHIZA KURROA, BY USING INNOVATIVE STEPS AND THE UNIQUE BLENDING PROCESS FOR ENHANCEMENT OF SPERMATOGENESIS PROCESS.

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Name of priority country INA	21 Address of Applicant SR NO 30// SUMAN PARADISE
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(57) Abstract:

Present invention belongs to biotechnology field and keeps industrial applications. Sperms are the reservoir of human genome information. Competition, overexploitation of electronic appliances, use of computers, devices having electromagnetic radiations, stress-level & pollution has been documented for decline in sperm count. Every year male sperm count fall by 2%. At this rate there would be no fertile men left in the next 40-50 years. This is the outcome of intense research performed with the approval of Institutional Animal Ethics Committee. Invented product is a distinct product which is characterized by new properties which were not described in prior art. Using unique procedure and modern biotechnology tools, the novel product is derived from Chlorophytum borivilianum, Piper longum, Picrorrhiza kurroa. The product is useful for minimizing infertility problems by increasing sperm counts. On the background of annual fall in the average sperm count, the invention is vital for existence of human race.

No. of Pages: 19 No. of Claims: 5

(21) Application No.1414/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: BICYCLE WITHOUT CHAIN.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	1/00, 1)SA B62M Add 5/00 DONG :NA Mahara :NA (72)Na	me of Applicant: TTARSHAH KADAR SHAH dress of Applicant:REHMAT NAGAR, WARD NA-01, AON, BULDHANA, (MAHARASHTRA) - 443303 ashtra India me of Inventor: TTARSHAH KADAR SHAH
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(57) Abstract:

The Cycle consists of three tyres which are one by one in line. As per the fig(1) the Cycle includes two small tyres and one big tyre. Big tyre consists of pedal which is without chain. The two tyres of rear side are move when the big tyre pedal (which is located at the centre) move.

No. of Pages: 7 No. of Claims: 6

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: COMPOSITIONS AND METHOD OF PREVENTING AND CURING ALLERGIC ASTHMA AND RELATED COMPLICATIONS USING DIPLAZIUM ESCULENTUM RETZ.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/24, A61P37/08 :NA :NA :NA	(71)Name of Applicant: 1)MR. BISWADEEP DAS Address of Applicant: S.NO. 36/1/1, M.N. 199, VADGAON KHURD, SINHAGAD ROAD, PUNE 411 041, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. BISWADEEP DAS
(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:

This invention relates to herbal composition for effective management of asthma. Particularly this invention relates to herbal drug comprising a hydrophilic solvent extract or powder of Diplazium esculentum or the active fractions as an effective component in allergic asthma. The extract of Diplazium esculentum used as an effective component is used to ameliorate the allergic symptoms related to allergic asthma. It is an herbal preparation which can be marketed in pharmaceutically acceptable vehicles such as sublingual tablets, capsules, inhalers/sprays, tonic, suspension etc in a palatable form which is effective in managing asthma, allergy, respiratory ailments, inflammation, infection, cough and cold and relate to its use as immune booster for protection against invading pathogens/allergens.

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

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: REDUCTION OF NOX, CO, AND HC FROM INDUSTRIAL AND AUTO EXHAUST GASES

(51) International classification	:F01N3/10, B01D53/94	(71)Name of Applicant: 1)Jani Chetankumar G.
(31) Priority Document No	:NA	Address of Applicant :To- Sathara, Taluka- Talaja, Dist-
(32) Priority Date	:NA	Bhavnagar, PIN-364150, Gujarat, India.
(33) Name of priority country	:NA	2)Pipaliya Dipesh D.
(86) International Application No	:NA	3)Sojitra Jitendra V.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Jani Chetankumar G.
(61) Patent of Addition to Application Number	:NA	2)Pipaliya Dipesh D.
Filing Date	:NA	3)Sojitra Jitendra V.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides method and apparatus to reduce toxic gases like NOx, CO, and unburned hydro carbon emitted from industrial exhaust gases and auto exhaust gases into comparatively non toxic gases like N2, CO2 and H2O respectively. In the present invention iron (Fe) and zinc (Zn) oxide used as an oxidative catalytic material along with zeolite coated iron mesh plate, where zeolite act as a wash coat material. Further, sodium hydroxide is used to make the catalytic material alkaline, which increases the contact time of acidic toxic gases with catalyst and increases the efficiency of catalytic conversion thereof.

No. of Pages: 15 No. of Claims: 10

(22) Date of filing of Application :06/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : COMPOSITION FOR THICKENING AGENT FOR TEXTILE PRINTING CONTAINING CARBOXYMETHYL HYDROXYALKYL ETHER OF CASSIA TORA

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	31/715 :NA	1)ENCORE NATURAL POLYMERS PRIVATE LIMITED Address of Applicant :227/233 GIDC ESTATE NARODA
(32) Priority Date	:NA	AHMEDABAD - 382330, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MERCHANT SUDHIR
Filing Date	:NA	2)JOSHI BHARAT
(87) International Publication No	: NA	3)MAHESH U. CHHATBAR
(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 carboxymethyl hydroxyalkyl ether of Cassia tora (CMHACT) and its use in textile printing. Polygalactomannans are polysaccharide that are found in the endosperm material of seeds from leguminous plants such as Cyamopsis tetragonoloba (guar gum), Cesalpinia spinosa (tara gum), Ceratonia siliqua (locust bean gum) and another important source is Cassia tora (collectively known as Cassia gum). The average ratio of p-D-mannopyranose to ct-D-galactopyranose units in the polygalactomanan contained in Cassia gum is at least 5:1. The carboxymethyl hydroxyalkyl ether of Cassia tora (CMHACT) has been synthesized in situ by reacting Cassia tora splits with sodium monochloroacetate (SMCA) and ethylene/propylene oxide (EO/PO) in the presence of sodium hydroxide (NaOH). This new material showed significant improves the properties compared to parent polysaccharide such as increased its solubility in cold water, stability and shear thinning behavior. The material thus developed was studied for its suitability as excellent thickeners for various dyes like reactive, metal complex etc. and printing on cotton, silk, prints by CMHACT are of higher color strength, good leveling and washing properties. Thus this new double derivative (CMHACT) used extensively as thickener in textile printing as a replacement for alginate, starches, cellulose, galactomannans and it derivatives.

No. of Pages: 25 No. of Claims: 11

(21) Application No.1296/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DRIER FOR AUTO OXIDISABLE COATING COMPOSITIONS

(51) International

:C09D167/06,C09D7/04,C09D7/12

:17/12/2012

classification

(31) Priority Document No :11194692.7 (32) Priority Date :20/12/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/075682

Filing Date

(87) International Publication :WO 2013/092442

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)AKZO NOBEL COATINGS INTERNATIONAL B.V.

Address of Applicant: Velperweg 76 NL 6824 BM Arnhem

Netherlands

(72)Name of Inventor:

1)MEIJER Michel Daniel 2)VAN WEELDE Eddy

3)VAN DIJK Joseph Theodorus Maria

4)FLAPPER Jitte

A drier for air drying an auto oxidizable resin composition said drier comprising: 1 4 7 trialkyl 1 4 7 trialky manganese salt having the general formula Mn[X] wherein anion X is selected from PF SbF AsF BF B(CF) CI Br I NO or RCOO in which case n=2 or the anion X is SO in which case n=1 and wherein R is C Calkyl optionally substituted with heteroatoms C C aryl optionally substituted with heteroatoms or a polymeric residue; wherein the 1 4 7 trialkyl 1 4 7 triazacyclononane (L) is present in

the mixture in an amount such that the molar ratio of Mn:L is at least 1.25:1 and preferably at least 1.5:1.

No. of Pages: 23 No. of Claims: 15

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYSTEM FOR RECUPERATIVE USE OF WASTE HEAT TO PREHEAT INCOMING AIR SUPPLY IN A GAS HEATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C10J3/06, C10J3/12 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RIAZ PADAMSEE Address of Applicant:4TH FLOOR, PARMAR GALLERY, SHIVARKAR ROAD, OPPOSITE PARMAR PARK, WANAWADI, PUNE 411040, MAHARASHTRA, INDIA (72)Name of Inventor: 1)RIAZ PADAMSEE
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(57) Abstract:

A heat recovery system in form of an add-on component to conventional gas burners is disclosed herein which is designed to allow recuperative use of heat energy being otherwise lost to environment during heating applications involving said gas burner

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

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYSTEM FOR INDUCING PRESSURE-DROP IN AIR FLOW OF A GAS BURNER TO INDUCE SELF-SUCTION OF INCOMING AIR

		(71)Name of Applicant:
(51) International classification	14/34,	,
	F23D	Address of Applicant :4TH FLOOR, PARMAR GALLERY, SHIVARKAR ROAD, OPPOSITE PARMAR PARK,
(31) Priority Document No	:NA	WANAWADI, PUNE 411040, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)RIAZ PADAMSEE
(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:

Disclosed herein is a system designed to induce pressure-drop in air flow of a gas burner to induce self-suction of incoming air being fed to the combustion zone for maximizing clean burning of the fuel burnt. The present invention further relates to modification of the gas burner setup, preferably of the type generally used in the household cooking gas appliances for energy-efficient and fuel-saving operability.

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A STABLE LYOPHILIZED INJECTION OF ATRACURIUM BESYLATE

(57) Abstract:

Disclosed herein is a freeze dried composition of atracurium besylate comprising atracurium besylate; an acid to adjust the pH and a co-solvent along with water as a principle solvent.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD, APPARATUS AND COMPUTER PROGRAM FOR OPERATING A WIRELESS DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	G06F 19/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)RENESAS MOBILE CORPORATION Address of Applicant: 6-2, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN. (72)Name of Inventor: 1)LUCKY, KUNDAN, KUMAR
Filing Date (87) International Publication No (61) Potent of Addition to Application Number	:NA : NA :NA	
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

In one example, a wireless device operating in a wireless network receives an indication that access to the wireless network is controlled whereby the wireless device is permitted access to the network for location registration purposes. The wireless device accesses (44,54,64) the network in order to detach/deregister from the network in the case that the wireless device is permitted to access the network for location registration purposes.

No. of Pages: 47 No. of Claims: 74

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : NOVEL HERBAL SKIN COMPOSITION FOR REDUCING PIGMENTATION AND IMPROVEMENT OF SKIN AROUND THE EYE AND METHODS FOR PREPARING THE SAME

(51) International classification (31) Priority Document No (32) Priority Date	A61Q 19/00 :NA :NA	Address of Applicant :401, BALAJI RESIDENCY, PLOT NO 36, SECTOR 42, SEAWOODS, NERUL (WEST), NAVI
(33) Name of priority country(86) International Application No Filing Date	:NA :NA :NA	MUMBAI-400706 Maharashtra India (72)Name of Inventor: 1)BRINDA SREELESH
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	2)NESARI, TANUJA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a novel herbal skin composition comprising extracts of Glycyrrhiza glabra Linn. (Yashtimadhu), Hemidesmus indicus R.Br. (Sariva) and Santalum album Linn. (Chandana).

No. of Pages: 51 No. of Claims: 4

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR COMPRESSOR MOTOR PROTECTION

(51) International classification :F04B49/06,F04B17/03 (71)Name of Applicant : (31) Priority Document No :61/585,382 (32) Priority Date :11/01/2012 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/021161

Filing Date :11/01/2013

(87) International Publication No :WO 2013/106660 (61) Patent of Addition to Application :NA :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

1)EMERSON CLIMATE TECHNOLOGIES INC.

Address of Applicant: 1675 W. Campbell Road Sidney Ohio

45365 U.S.A.

(72)Name of Inventor:

1)WALLIS Frank S.

2)ROZSNAKI Joseph James

(57) Abstract:

A system includes a refrigerant compressor including an electric motor a current sensor that measures current flow to the electric motor a switching device configured to close and open to allow and prevent current flow to the electric motor respectively a maximum continuous current (MCC) device that includes a resistance corresponding to a maximum continuous current for the electric motor and a motor protection module. The motor protection module communicates with the MCC device the current sensor and the switching device and determines a first MCC value for the electric motor as a function of the resistance of the MCC device. The motor protection module also selectively sets a predetermined MCC to the first MCC and controls the switching device based on a comparison of the current flow to the electric motor and the predetermined MCC.

No. of Pages: 37 No. of Claims: 23

(22) Date of filing of Application :04/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS FOR REMOVING SNOW/ICE FROM AN OBJECT

(51) International classification	:E01H 4/00, E01C 11/26	(71)Name of Applicant: 1)Samina Ryaz Shamji Address of Applicant: 2F-G2, Models Meridien, NIO Donapaula, Caranzalem, Goa Goa India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Samina Ryaz Shamji
(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:

The present invention provides an apparatus for removing snow/ice from an object. The apparatus includes a housing, a nozzle, a handle, a battery and a tool. The housing encloses a heater and a blower. The motor housing also has a switch to start the heater and the blower. Further, the motor housing has three switches LOW, MED and HIGH which controls the temperature of the heater when the heater starts and another 3 switches SLOW, MED and FAST to control the speed of the blower. The tool is attached below the nozzle for scraping and wiping the show. Further, the battery provides power to the hearing means and the blower for its working.

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

(22) Date of filing of Application :06/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : MECHANISM FOR TRANSFERRING POWER OF CONTRA-ROTATING ROTORS TO SINGLE SHAFT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C04B35/46, H01G4/12 :NA :NA :NA	(71)Name of Applicant: 1)SHELKE DATTATRAYA RAJARAM Address of Applicant: BLOCK NO. 305, A-WING, EKDANT APARTMENT, SWAMI VIVEKANAND CHOWK, URAN, DIST. RAIGAD 400702, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHELKE DATTATRAYA RAJARAM
(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 mechanism comprises, counter rotating rotors; first, second and third side gear; first and second spider gear; and driven shaft. Preferably first side gear 10 is integral with first rotors 3, rotatably mounted on shaft, meshing with first spider gear 8. Second rotor 2 preferably integral with third side gear 13, rotatably mounted on shaft 6, third side gear meshing with second spider gear 7, driving said second spider gear. Second side gear 11 rotatably mounted on shaft 6, meshing with said first and second spider gears, said first spider gear 8 rotatably fixed on shaft 9, connected to shaft 6. Second spider gear 7 which is rotatably fixed on shaft 14, connected to carrier 12, said carrier 12 locked to housing or stator1 directly or by connecting means 20, which may be clutch like arrangement.

No. of Pages: 30 No. of Claims: 12

(21) Application No.1705/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: MODIFIED CHEVRON TUBES FOR REMOVAL OF FLOCS IN WATER TREATMENT PLANT.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K 31/155 :NA :NA :NA :NA	(71)Name of Applicant: 1)BHOLE ANAND GOVIND Address of Applicant: 'YASH ENCLAVE', FLAT NO. 102, PLOT NO 259, DHARAMPETH EXTN., NAGPUR 440010 Maharashtra India (72)Name of Inventor:
Filing Date	:NA : NA	1)BHOLE ANAND GOVIND
(87) International Publication No(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The chevron tube in Patent No. 163038 dated 20.01.1986 is modified in this invention by introducing two inclined sheets full length of the chevron tube creating two equal size triangles at two sides and one quadrangle at lower side of the chevron tube thus creating three hopper bottoms in place of only one hopper bottom as in Patent No. 163038. The travel time of floecs to reach hopper bottom is also reduced in this invention compared to that in Patent No. 163038 because of the reduction of the travel distance of flocs in this invention. In the present invention the load of floes settling on the flat plates is reduced to a great extent because of the creation of three compartments in this invention instead of one in Patent No 163038. For the same rate of flow of water, the efficiency of the invention improves with respect to that of chevron tube in Patent No. 163038 and for the same efficiency more rate of flow of water is possible. Non requirement of any moving mechanical part or electrical energy is another advantage of the invention, hence useful for rural areas.

No. of Pages: 14 No. of Claims: 3

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH RESOLUTION ABSOLUTE ENCODER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:30/04/2012 :WO 2013/098803 :NA	(71)Name of Applicant: 1)SERVOSENSE (SMC) LTD. Address of Applicant:21C Yegia Kapaim Street 4913020 Petach Tikva Israel (72)Name of Inventor: 1)VILLARET Yves
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The device to measure the absolute rotation angle of a rotating shaft includes a rotating disc fixed to the shaft. A group of permanent magnets of different sizes and polarities is disposed on a circular track. Further a group of Hall sensors fixed to a static part of the device are disposed on a circular path in proximity of the rotating disc magnets tracks and generate electric signals proportional to the strength of the magnetic field produced by the magnets in proximity. The signs of these electric signals are used to calculate a code characteristic of a low resolution absolute angular position. Two analog signals are associated to the obtained code according to a pre defined table. The associated analog signal having the closest value to zero is used as an entry to a pre recorded table containing the correspondent angular position of the shaft.

No. of Pages: 29 No. of Claims: 14

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: UNDERWATER TANK CLEANING MACHINE

	:B08B	(71)Name of Applicant:
(51) International classification	9/087,	1)Dnyaneshwar Narahari Kakde
	B63B59/10	TT , T
(31) Priority Document No	:NA	gymnasium, gopal nagar, Amravati -444607 Maharashtra India
(32) Priority Date	:NA	2)Karansagar Vikas Giradkar
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Dnyaneshwar Narahari Kakde
Filing Date	:NA	2)Karansagar Vikas Giradkar
(87) International Publication No	: NA	3)Saurabh Arun Deshmukh
(61) Patent of Addition to Application Number	:NA	4)Pranav Damodarrao Kalbande
Filing Date	:NA	5)Anand Sanjay Gahukar
(62) Divisional to Application Number	:NA	6)Aniket Anil Deshmukh
Filing Date	:NA	

(57) Abstract:

The following invention describes a cleaning machine which is capable of working under water and can be controlled remotely. This appliance works on electric supply is made waterproof so that it can work underwater properly without any difficulty. This machine can be used for domestic water tank clean up. Its mechanism ensures there would not be any need of priming it even if it canTMt get water to suck in at any point of time. It is designed and will be developed further for assisting people in one of their hectic and time consuming task. We have named it as "Underwater tank cleaning machine (UTCM). Following invention is described in detail with the help of figure 1 of sheet 1 showing front view of embodiment, figure 2 of sheet 2 showing top view of the embodiment and figure 3 of sheet 3 showing side view of the embodiment.

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

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : PROCESS TECHNOLOGY FOR UTILIZATION OF DIGESTED BIOGAS SLURRY FOR CELLULASE PRODUCTION

(51) International classification	:A61K31/456	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	- CENTRAL INSTITUTE OF AGRICULTURAL
(33) Name of priority country	:NA	ENGINEERING
(86) International Application No	:NA	Address of Applicant :NABIBAGH, BERASIA ROAD,
Filing Date	:NA	BHOPAL - 462 038 Madhya Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. MRS. URMILLA GUPTA PHUTELA
Filing Date	:NA	2)MISS. AJIT KAUR
(62) Divisional to Application Number	:NA	3)DR. MRS. SUREKHA BHATIA
Filing Date	:NA	

(57) Abstract:

The digested biogas slurry having sufficient quantity of organic matter like cellulose, Hemicellulose, lignin and microbial biomass, is an ideal substrate for industrial production of cellulase complex which can be potentially utilized for biogas generation from paddy straw by increasing its digestibility. This invention relates with the production and partial purification of cellulolytic enzymes using digested biogas slurry as a substrate by a filamentous fungus Trichoderma reesei MTCC 164. Digested biogas slurry was inoculated with Trichoderma reesei spores and various parameters like concentration of slurry, spore count and incubation period were optimized by Response Surface Methodology using software (Statgraphics Centurian XVI.I) for maximum production of cellulolytic enzymes. Optimized fermentation conditions for the maximum enzyme production were 25% concentration of slurry, 15 days of incubation and inoculum size of 108 T.reesei spores/ ml where 3406.48 units of cellobiase, 428.57 units of filter paperase and 321.53 units of carboxy methyl cellulase per Kg of digested biogas slurry were obtained. After optimization, partial purification of cellulolytic enzymes using ammonium sulphate precipitation, dialysis and ion exchange chromatography using DEAE cellulose resulted in twelve fold purification for cellobiase, 10.4 fold purification for carboxymethylcellulase and 11.3 fold purification for filter paperase with specific activities of 20.18 U/mg protein, 1.87 U/mg protein and 1.47 U/mg protein respectively. This is the first report where digested slurry from biogas plant was used for cellulolytic enzyme production which is very significant with reference to not only disposal off digested biogas slurry but also its value addition for industrial applications. It indicates that digested biogas slurry is a good substrate for cellulolytic enzyme production.

No. of Pages: 7 No. of Claims: 3

(21) Application No.1661/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: MULTIFUER FRIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B21C47/02 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ARUN DADDA Address of Applicant:ROW HOUSE # 76, HILL GARDEN, TIKUJINIWADI ROAD, MANPADA, THANE (W)-400607 Maharashtra India (72)Name of Inventor: 1)ARUN DADDA
e e		I` '
Filing Date	:NA	

(57) Abstract:

This invention refers to an SS coil type heat exchanger which is fitted with a trolley for burning wood as well as an insulated bed which can be operated on liquid or gas fuel.

No. of Pages: 4 No. of Claims: 2

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD OF IMPLEMENTING A QUANTIFICATION OF THE QUALITATIVE AND QUANTITATIVE ASPECTS OF A USER IN A SOCIAL COMPUTING BASED ENVIRONMENT.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06F17/30, G06Q99/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AMIT KUMAR JAIN Address of Applicant: F 1402, ROYAL CLASSIC BUILDING, LINK ROAD, ANDHERI WEST Maharashtra India (72)Name of Inventor: 1)AMIT KUMAR JAIN
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention is a method of implementing a quantification of the qualitative and quantitative aspects of a user in a social computing based environment that considers the opinions of other users associated with said user and helps build and maintain said users reputation, by taking into consideration the qualitative and quantitative aspects that are based on the activities of said user and activities of other users associated with said user. The present invention is a method of implementing a quantification of the qualitative and quantitative aspects of a user in a social computing based environment, wherein said social computing based environment is a social networking website and/or service and/or application for acquiring and providing employment using videos in electronic devices; by creation of a user account by a user and said user uses said user account to act as a potential employee and/or a potential employer, creation of at least one video by said user for hiring others or getting hired by others or promoting/recommending others for a job, and in addition .making counter offers to a potential employee, uploading and sharing said at least one video by said user over said social computing based environment .conducting surveys and participating in surveys conducted by others, receiving flags from other users who flag said users account and flagging accounts of other users, volunteering for Non- Government organizations associated services, linking at least one of said users accounts in other social networking sites and/or services and/or applications to said user account, receiving ratings and testimonials from other users in said social computing based environment about their experience in working with said user, said user paying an employee after completion of job wherein said user was the employer, said user getting paid after completion of a job wherein said user was the employer, said user following other users and other users following said user, the method comprising: maintaining a rating count associated with said users account; incrementing the value of said count based on the number of likes received by said at least one video posted by said user; decrementing the value of said count based on the number of dislikes received by said at least one video posted by said user; incrementing the value of said count based on the number of comments received by said at least one video posted by said user; incrementing the value of said count based on the number of other users who follow said user or posts associated with said user; incrementing the value of said count based on the number of testimonials from other users received by said user; incrementing the value of said count based on positive ratings conferred to said user by other users wherein said positive rating is measured on a scale from 0 units to 10 units; decrementing the value of said count based on negative ratings conferred to said user by other users wherein said negative rating is measured on a scale from 0 units to 10 units; incrementing the value of said count based on the number of shares of said at least one video posted by said user or at least one video associated with said user, wherein said shares are done by other users; incrementing the value of said count upon completion of creation said users account; incrementing the value of said count based on the number of times said user is hired by others for some work; incrementing the value of said count based on the number of times said user hires others for some work; incrementing the value of said count if another potential employee referred by said user for a job is hired for said job; incrementing the value of said count after completion of jobs wherein said user was either the employee or the employer; evaluating said users rating count and based on the value of said users rating count, classifying said user into a level of expertise of a ranking hierarchy comprising a first level, a second level, a third level and a fourth level.

No. of Pages: 59 No. of Claims: 35

(21) Application No.1743/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: 'A NOVEL STRAP SADDLE WITH TWO STRAPS TIGHTENING.

(51) International classification	· Δ //7 I 3 7 / 1 1	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANANT GAJANAN NAMPURKAR
(32) Priority Date	:NA	Address of Applicant :39/10, BAHAR, ADARSH NAGAR,
	:NA	MARKET YARD ROAD, PUNE-411 037, MAHARASHTRA,
(33) Name of priority country		
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANANT GAJANAN NAMPURKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A novel a novel strap saddle with two strap tightening on the axis of the pipe (3), with two hexagonal bolts (4) for fitting the body (strap saddle) (1) on the pipe (3) and both the bolts (4) for inserting firstly through threaded area on the locking plate (11) and then to be placed on the counter holes (12) on the body (strap saddle) (1) and the locking plate (8) to be fitted on the outer male type threading of the hexagonal bolt (4) locking the tension of the assembled body (strap saddle) (1) on the axis of the pipe (6).

No. of Pages: 14 No. of Claims: 5

(21) Application No.1744/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF 4-AMINO-6-(TRICHLOROETHENYL)-1,3-BENZENEDISULFONAMIDE

	:C07D	(71)Name of Applicant:
(51) International classification	285/22,	1)SEQUENT SCIENTIFIC LIMITED
(51) memational classification	C07C	Address of Applicant :301, 'DOSTI PINNACLE', PLOT
	311/38	NO.E7, ROAD NO.22, 3RD FLOOR WAGLE INDUSTRIAL
(31) Priority Document No	:NA	AREA, THANE (W)-400 604, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)ARULMOLI, THANGAVEL
(86) International Application No	:NA	2)VERMA, SUDHAKAR
Filing Date	:NA	3)NAIK, GAJANAN
(87) International Publication No	: NA	4)DAS, GAUTAM KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA : NA :NA :NA	1)ARULMOLI, THANGAVEL 2)VERMA, SUDHAKAR 3)NAIK, GAJANAN

(57) Abstract:

The present invention relates to a novel, cost-effective process for preparation of an anthelmintic drug. Specifically, it relates to a process for the preparation of 4-amino-6-(trichloroethenyl)-1,3-benzenedisulfonamide of formula I, commonly known as Chlorsulon.

No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PROCESS FOR PREPARING IVABRADINE OF FORMULA (I)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 		(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA (72)Name of Inventor: 1)PATEL SUNIL TRIBHOVANDAS 2)KUMAR RAJIV 3)DWIVEDI SHRIPRAKASH DHAR 4)SHAH ALPESHKUMAR PRAVINCHANDRA
Filing Date	:NA	
(62) Divisional to Application Number Filed on	:1966/MUM/2006 :30/11/2006	
1 1100 011	.50,11,2000	

(57) Abstract:

The present invention provides a process for preparing Ivabradine of formula (I) or its pharmaceutically acceptable salts, solvates, hydrate thereof, by reacting 3-chloro-N-{[(7S)-3,4-dimethoxybicyclo[4.2.0]octa-1,3,5-trien-7-yl]methyl}-N-methylpropan-1-amine of formula (IV), with 7,8-Dimethoxy-1,3,4,5-tetrahydro-benzo[d]azepin-2-one of formula (V) or its alkaline salt in presence of base in suitable solvent to provide Ivabradine of formula (I), which can be subsequently converted to its pharmaceutically acceptable salts, solvate or hydrate thereof.

No. of Pages: 33 No. of Claims: 12

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A NOVEL CRYSTALLINE FORM OF (1S)-4,5-DIMETHOXY-1-(METHYLAMINOMETHYL)-BENZOCYCLOBUTANE CAMPHOR SULFONATE OF FORMULA (II)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07C 309/25, C07C 309/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD 380 015, GUJARAT, INDIA (72)Name of Inventor: 1)PATEL SUNIL TRIBHOVANDAS 2)KUMAR RAJIV 3)DWIVEDI SHRIPRAKASH DHAR 4)SHAH ALPESHKUMAR PRAVINCHANDRA
(61) Patent of Addition to Application Number	:NA	4)SHAH ALPESHKUMAR PRAVINCHANDRA
Filing Date	:NA	
(62) Divisional to Application Number	:1966/MUM/2006	
Filed on	:30/11/2006	

(57) Abstract:

The present invention provides a process for preparing Ivabradine of formula (I) or its pharmaceutically acceptable salts, solvates, hydrate thereof, by reacting 3-chloro-N-{[(7S)-3,4-dimethoxybicyclo[4.2.0]octa-1,3,5-trien-7-yl]methyl}-N-methylpropan-1-amine of formula (IV), with 7,8-Dimethoxy-1,3,4,5-tetrahydro-benzo[d]azepin-2-one of formula (V) or its alkaline salt in presence of base in suitable solvent to provide Ivabradine of formula (I), which can be subsequently converted to its pharmaceutically acceptable salts, solvate or hydrate thereof.

No. of Pages: 31 No. of Claims: 6

(21) Application No.1250/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: GRAIN ORIENTED ELECTRICAL STEEL SHEET

(51) International

:C22C38/00,C21D8/12,C22C38/02

classification

(31) Priority Document No :2011-286897

(32) Priority Date

:27/12/2011 (33) Name of priority country: Japan

(86) International Application

:PCT/JP2012/008366

Filing Date

:27/12/2012

(87) International Publication

:WO 2013/099258

(61) Patent of Addition to :NA Application Number :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72)Name of Inventor:

1)SUEHIRO Rvuichi

2)YAMAGUCHI Hiroi

3)OKABE Seiji

4)INOUE Hirotaka

5)TAKAJO Shigehiro

(57) Abstract:

The present invention proposes a method that can reduce the noise generated by a transformer core and the like when formed by laminations of a grain oriented electrical steel sheet in which core loss has been reduced by a magnetic domain refinement process. In this steel sheet linear distortion extending with an orientation in which an angle formed with a direction perpendicular to the rolling direction of the steel sheet is an angle of 30° or less is periodic in the direction of rolling of the steel sheet core loss (W/) is 0.720 W/kg or less and magnetic flux density (B) is 1.930 T. The volume of the closure domain arising in the distortion part is 1.00 3.00% of the total magnetic domain volume within the steel sheet.

No. of Pages: 16 No. of Claims: 3

(21) Application No.1252/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD FOR CAPTURING CARBON DIOXIDE IN POWER STATION FLUE GAS AND DEVICE THEREFOR

:B01D53/14,C01B31/20 (71)Name of Applicant : (51) International classification (31) Priority Document No :201110437154.3 (32) Priority Date :23/12/2011 (33) Name of priority country :China

(86) International Application No :PCT/CN2012/083575 Filing Date :26/10/2012

:NA

(87) International Publication No :WO 2013/091439

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1)WUHAN KAIDI GENERAL RESEARCH INSTITUTE OF ENGINEERING & TECHNOLOGY CO. LTD.

Address of Applicant : Kaidi Building T1 jiangxia Avenue Eastlake Newtech Development Zone Wuhan Hubei 430223

(72) Name of Inventor: 1)WANG Zhilong

2)ZHANG Yanfeng

(57) Abstract:

Filing Date

A method for capturing carbon dioxide in a power station flue gas and a device therefor. The method comprises the following steps: 1) using a composite aqueous absorbent consisting of an organic amine and a functionalized ionic liquid as a CO absorbent; 2) forming different liquid layers through still clarification; 3) performing heating and resolution on a liquid obtained by separating and rich in A·CO and B·CO to recycle to obtain a high concentration CO gas and the composite aqueous absorbent; 4) recycling the composite aqueous absorbent obtained in Step 3); 5) cooling the high concentration CO gas to make hot water vapor therein condense; 6) performing gas liquid separation on the high concentration CO gas undergone the cooling in Step 5) to obtain a CO gas with the purity =99%; 7) turning the high purity CO gas into the liquid to obtain a high concentration industrial grade liquid carbon dioxide product. The method has features of high capture efficiency low energy consumption and simplicity in the process.

No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :28/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: COMPOUNDS FOR THE TREATMENT OF TUBERCULOSIS

(51) International classification (31) Priority Document No :61/566,123 (32) Priority Date :02/12/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2012/056853 Filing Date :30/11/2012

(87) International Publication No :WO 2013/080167

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:A61K38/15,A61P31/06 (71)Name of Applicant :

1)PIRAMAL ENTERPRISES LIMITED

Address of Applicant :Piramal Tower Ganpatrao Kadam Marg Lower Parel Mumbai 400013 Maharashtra India

(72)Name of Inventor:

1)MAHAJAN Girish Badrinath

2)MISHRA Prabhu Dutt 3)VARTAK Ashwini 4)SHANBHAG Prashant 5)SAWANT Amarjit

(57) Abstract:

The invention relates to a method for the treatment of tuberculosis comprising administering to a subject in need thereof a therapeutically effective amount of the compound of Formula 1 (as provided in the description) or a stereoisomer a tautomer pharmaceutically acceptable salts thereof or derivatives thereof such as esters and ethers. The invention further relates to a pharmaceutical composition comprising the compound of Formula 1 and at least one pharmaceutically acceptable carrier for use in the treatment of tuberculosis.

No. of Pages: 26 No. of Claims: 15

(22) Date of filing of Application :16/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ACCELERATING INFORMATIONN TECHNOLOGY ORGANIZATION'S PROCESS DEFINITION AND FACILITATING PROCESS DEPLOYMENT

(51) International classification	:C10J3/06, C10J3/13	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ROY BARDHAN, NIBEDITA
(87) International Publication No	: NA	2)SRIVASTAVA, NIDHI
(61) Patent of Addition to Application Number	:NA	3)VELOO, VANISHRI
Filing Date	:NA	4)PHANINDRA, VEDULA SRINIVASA
(62) Divisional to Application Number	:NA	5)SAXENA, ANJU
Filing Date	:NA	6)MALIHA, IFFAT

(57) Abstract:

Disclosed are a method and a system for accelerating process definition journey and request received pertaining to a project. The method comprises receiving a request from an employee of the plurality of employees. The method further comprises generating automatically a process layout based upon the request. The process layout comprises processes capable of enabling the employee to complete the project by availing step by step guidance covering entire lifecycle of the project complied with CMMI DEV version 1.3 and CMMI® SVC version 1.2. Further, the method comprises displaying the processes to the employee on the I/O interface, upon following the processes and its associated enablers thereby ensuring comprehensive and successful completion of the project within budget, schedule, and with quality facilitating process deployment for an Information Technology (IT) organization.

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

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : FREQUENCY TO DIGITAL SIGMA DELTA BASED FREQUENCY MODULATION/FREQUENCY SHIFT KEYING (FM/FSK) RECEIVER DESIGN.

	:H04B1/40,	(71)Name of Applicant:
(51) International classification	H04L	1)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
	27/20	Address of Applicant :INDIAN INSTITUTE OF
(31) Priority Document No	:NA	TECHNOLOGY BOMBAY, POWAI, MUMBAI - 400076,
(32) Priority Date	:NA	INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)VINEETH ANAVANGOT
Filing Date	:NA	2)MARYAM SHOJAEI BAGHINI
(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 simple and unique architecture for frequency to digital delta sigma modulation-frequency modulation / frequency shift keying (FDSM-FM/FSK) receiver for MICS band range of 400 MHz to 405 MHz is proposed comprising a saw filter between antenna and amplifier, a zero cross detector, a D flip flop FDSM (D-FF FDSM), and a decimator.

No. of Pages: 31 No. of Claims: 11

(22) Date of filing of Application :09/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR IMAGE MATCHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06K9/36, G06K9/68 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA (72)Name of Inventor: 1)VISVANATHAN, AISHWARYA 2)CHATTOPADHYAY, TANUSHYAM
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and apparatus for computation and processing of an image for image matching. The apparatus here is configured to pre-process plurality of images for creating an image template. Next, the test image is extracted and pre-processed for assessing the degree of match between the test image components and the image components of the images in the image template, based a position based matching score, a feature based matching score or both.

No. of Pages: 41 No. of Claims: 12

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF ARFORMOTEROL OR SALT THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C231/02, C07C233/43 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GLENMARK PHARMACEUTICALS LTD Address of Applicant: GLENMARK HOUSE, HDO - CORPORATE BLDG, WING -A, B.D.SAWANT MARG, CHAKALA, ANDHERI (EAST), MUMBAI - 400 099 INDIA Maharashtra India (72)Name of Inventor: 1)SHEKHAR BHASKAR BHIRUD 2)SURESH MAHADEV KADAM 3)SACHIN BABAN GAVHANE 4)SHAILESH SHRIRANG PAWASE 5)ANIKET ASHOKRAO DESHPANDE 6)ANIL SUBHASH BHUJBAL
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(57) Abstract:

The present invention relates to an improved process for the preparation of arformoterol !.-(+)- tartrate. More specifically the present invention relates to a novel process for the preparation of arformoterol L-(+)- tartrate via arformoterol D-(-)-tartrate.

No. of Pages: 30 No. of Claims: 10

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN ELECTRONICALLY ACTUATED BRAKE DEVICE

(51) International classification	(71)Name of Applicant: 1)MOHAMMAD AZHAR Address of Applicant:SIDDARTH WARD AT POST: VISAPUR TALUKA: BALLARPUR, DISTT: CHANDRAPUR - 442701, MAHARASHTRA, INDIA (72)Name of Inventor: 1)MOHAMMAD AZHAR 2)SHRIKANT DILIP MANE 3)PAVAN PUNDLIC SAKHARKAR 4)KISHAN KUMAR 5)SHUBHAM DEWANGAN 6)SYED MANSUR NOOR 7)ASHISH MAHENDRA WANHKADE
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(57) Abstract:

An electronically actuated brake device is disclosed. The device comprises a potentiometer to send input signals to a control unit when brake paddle is pressed or released. A motor adapted to be rotated in a clockwise or anticlockwise direction is provided to operate brake actuating means such that to operate brake shoes accommodated in a wheel drum of a vehicle so as to apply brakes, upon receiving signals about pressing of the brake paddle and till input signals received from a sensor and brake paddle gets balanced. The brake is released upon receiving signals about releasing the brake paddle and by rotating the motor in anticlockwise direction. The electronically actuated brake device is applicable in case of hydraulic brake system and also in case of air brake system available in the driving vehicle and trailing vehicle.

No. of Pages: 15 No. of Claims: 8

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR USING HANDHELD DEVICE AS WIRELESS CONTROLLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	G05B19/418 :NA :NA :NA :NA :NA	Address of Applicant :Rachana Ventura , Unit No.301 & 302,ITI Road, CTS. 1337/1, S.No. 134/1, Aundh, Pune - 411007, India Maharashtra India (72)Name of Inventor: 1)MOMIN Suhel
Filing Date (87) International Publication No	:NA : NA	1)MOMIN Suhel 2)GUPTA Rohit
(61) Patent of Addition to Application Number	:NA	2)GOLLA KOIII
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for using handheld device (100) as a wireless controller is provided. The method includes, receiving at least of roll data (208), pitch data (210), yaw data (212) and acceleration data (214) corresponding to the handheld device (100); determining one or more actions to be performed based on one or more values of the at least of roll data (208), pitch data (210), yaw data (212) and acceleration data (214); and enabling performance of actions that are displayed on at least one display that is discrete from the handheld device (100).

No. of Pages: 33 No. of Claims: 19

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A PORTABLE APPARATUS FOR FACILITATING MONETARY TRANSACTION AT A MONETARY TRANSACTION TERMINAL

(51) International classification	:G06Q30/00, G07F7/08	(71)Name of Applicant: 1)AMIT KUMAR JAIN
(31) Priority Document No	:NA	Address of Applicant :F1402, ROYAL CLASSIC
(32) Priority Date	:NA	BUILDING, LINK ROAD, ANDHERI WEST Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AMIT KUMAR JAIN
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 is a simple, easy, effective, efficient, accurate and feasible solution to establish an individuals digital identity at a monetary transaction terminal (such as point of sale machines, dispensing/vending machines, automated teller machines and other such machines and devices) that facilitate monetary transactions that do not require a user to carry his/her credit cards, debit card, etc., or requires a user to remember any kind of password, and yet provide a safe, fast, accurate and efficient way of making transaction requests and realizing the output of such transaction requests. The invention is a portable apparatus for facilitating monetary transaction at a monetary transaction terminal, comprising: a video camera to capture a video of a user; a fingerprint scanner to capture said users fingers unique characteristics; a microphone to capture said users voice; a processor to process data captured by said video camera, said fingerprint scanner and said microphone; a memory for storing data; a motherboard that connects said video camera, said fingerprint scanner, said microphone and said memory to said processor; a housing to accommodate said video camera, said fingerprint scanner ,said microphone ,said memory and said motherboard; a means for providing software and associated device drivers required to interface and use said video camera, said fingerprint scanner and said microphone with said monetary transaction terminal and a means for connecting said apparatus to said monetary transaction terminal.

No. of Pages: 26 No. of Claims: 16

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ADAPTIVE DYNAMIC-TRAFFIC LIGHT CONTROLLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G08G1/087, G08G 1/095 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHAILENDRA C. BADWAIK Address of Applicant:F4, VENKATESH HERITAGE, S.N. 3/4 + 5, BEHIND VITTHAL MANDIR ROAD, KARVENAGAR-411052, PUNE, MAHARASHTRA. Maharashtra India 2)SHWETANK R. SINGH (72)Name of Inventor: 1)SHAILENDRA C. BADWAIK 2)SHWETANK R. SINGH
(62) Divisional to Application Number Filing Date	:NA :NA :NA	2)SHWETANK R. SINGH

(57) Abstract:

A traffic light controller(TLC) which is Adaptive and Dynamic is described. The TLC is able to adapt to the worst possible situation on the square very efficiently. The TLC deals with checking the traffic density on the roads using obstacle sensor. These sensors are placed at the distance of 5,45,90 mtrs from the start of road. It provides dynamism to the light counter on the basis of the traffic density. The TLC checks all the 271 possible combinations arising out of these sensors and the key-pads(appointed to take care of the emergency situation) before the transition to the YELLOW light state. In the YELLOW light state the duration for which the counter must run is decided by checking the density on the corresponding road.

No. of Pages: 26 No. of Claims: 10

(22) Date of filing of Application :19/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SWIMMING COACH ASSISTANT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61H 31/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Ms. Deepa Prabhakarrao Vaidya Address of Applicant: Assistant Professor, P.G. Department of Computer Science & Technology, Degree College of Physical Education, Shree Hanuman Vyayam Prasarak Mandal, Amravati - 444 605 Maharashtra India 2)Dr. Shrinivas Prabhakarrao Deshpande 3)Dr. Sanjay Uttamrao Makh (72)Name of Inventor: 1)Ms. Deepa Prabhakarrao Vaidya 2)Dr. Shrinivas Prabhakarrao Vaidya 2)Dr. Shrinivas Prabhakarrao Deshpande 3)Dr. Sanjay Uttamrao Makh 4)Mr. Sanjay Ekramji Yedey 5)Mr. Nitin Vijayrao Wankhade 6)Dr. Tomy Jose 7)Dr. Laxmikant Manikrao Khadagale 8)Mr. Mangesh Dinkarrao Bharti
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(57) Abstract:

A scientific data mining system most suitable for achieving high performance according to somatotypes, is designed on the basis of which swimming training is planned. The new swimmerTMs personal and anthropometric measurements are recorded in a database. Somatotypes are found from the entered anthropometric measurements. Previously recorded swimmers are found who are matching approximately with the new swimmerTMs anthropometric measurements or somatotypes. Data mining technique Clustering is used to create cluster depending on somatotypes or anthropometric measurements. This is done by using Nearest Neighbor Algorithm. The best suited training plan which occurs frequently in cluster of swimmers is found and suggested by the system for the new swimmer. The training plan should be individualized as all swimmers have different body type. This scientific system exactly works on the individualized training concept and suggests the individualized training plan for swimmers. The practice timings are recorded against the system suggested training plan. Based on these recorded practice timings, performance forecasting is done and system helps coaches to make decision whether the training plan should be continued or discontinued. Following invention is described in detail with the help of Figure 1 of sheet 1 showing architectural design of the system.

No. of Pages: 12 No. of Claims: 5

(21) Application No.1255/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CONSTRUCTION MATERIAL MIXTURE A METHOD FOR PRODUCING SAME AND USE **THEREOF**

(51) International :C04B14/30,C04B20/10,C04B28/04

classification (31) Priority Document No :11190174.0 :22/11/2011

(32) Priority Date (33) Name of priority :EPO

country

(86) International :PCT/EP2012/072804

Application No :15/11/2012 Filing Date

(87) International

:WO 2013/076014 Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to

Application Number :NA Filing Date

:NA

(71)Name of Applicant:

1)STEAG POWER MINERALS GMBH

Address of Applicant : Duisburger Strasse 170 46535

Dinslaken Germany

2)KRONOS INTERNATIONAL INC.

(72)Name of Inventor: 1)KROHM Werner 2)BENDER J¹/₄rgen 3)SCHEIDT Christian

(57) Abstract:

The invention relates to a construction material mixture as a concrete additive. The construction material mixture contains a pozzolanic substrate and a photocatalyst. The pozzolanic substrate and the photocatalyst are present as a dry mixture. The dry mixture is a cement free dry mixture wherein the photocatalyst has a primary particle size between 2 nm and 100 nm and at least 90% by weight of the pozzolanic substrate consists of fly ash with a grain size between 0.1 µm and 1 mm. The substrate and the photocatalyst are intensively mixed such that the photocatalyst is at least partly distributed on the surface of the substrate. The construction material mixture improves the processing of a concrete in comparison to the use of other pozzolanic substrates for the catalyst.

No. of Pages: 22 No. of Claims: 13

(21) Application No.1257/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: CONDUCTIVE SHEET AND TOUCH PANEL

(51) International :G06F3/044,G06F3/041,H01B5/14 classification

(31) Priority Document No :2011-281927 (32) Priority Date :22/12/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/083221

:21/12/2012 Filing Date

(87) International Publication

:WO 2013/094728

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)FUJIFILM CORPORATION

Address of Applicant :26 30 Nishiazabu 2 chome Minato ku

Tokyo 1068620 Japan (72)Name of Inventor:

1)NAKAMURA Hiroshige

(57) Abstract:

Provided are a conductive sheet and a touch panel having a high degree of accuracy in detecting finger contact. A conductive sheet (1) comprises a first electrode pattern (10) including a first conductive pattern (12) and a second electrode pattern (40) including a second conductive pattern (42) and the first conductive pattern (12) and the second conductive pattern (42) are orthogonally arranged. The first conductive pattern (12) is internally provided with a slit like sub nonconductive pattern (18).

No. of Pages: 73 No. of Claims: 24

(21) Application No.1708/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : DEFATTED SOYBEAN BY-PRODUCT AS SUSTAINED RELEASE CARRIER FOR DRUG DELIVERY

(51) International classification	:A61K 9/22, A61K 31/00	(71)Name of Applicant: 1)SHARMA VISHAL Address of Applicant: B R NAHATA COLLEGE OF PHARMACY, P.O. BOX NO. 6, MHOW-NEEMUCH ROAD,
(31) Priority Document No	:NA	MANDSAUR (MP) 458001 INDIA Madhya Pradesh India
(32) Priority Date	:NA	2)AGARWAL KANAHAIYA LAL
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SHARMA VISHAL
Filing Date	:NA	2)AGARWAL KANAHAIYA LAL
(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 to the Defatted soy flacks powder which is a raw material for the formulation of tablet/other Pharmaceutical formulations, was evaluated for the various parameters that are required for the sustained release agent as it is economic, easily available and contain more than 50% soy protein. And the raw material which contain 40% or more than 40% of soy protein where used in the formulation and the economic sustained release tablets/other Pharmaceutical formulation were prepared successfully.

No. of Pages: 6 No. of Claims: 7

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: VIABLE SYSTEM OF GOVERNANCE FOR SERVICE PROVISIONING ENGAGEMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F01D5/14, F02K3/063 :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India (72)Name of Inventor: 1)RAI, Veerendra Kumar 2)MEHTA, Sanjit
(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:

Systems and methods for governing execution of a service provisioning engagement are described. In one implementation, the described methods are implemented in the systems, where the method includes determining a customized schema based on a viable systems model, where the customized schema is defined using a plurality of dimensions and a plurality of sub-dimensions, where the plurality of dimensions and the plurality of sub-dimensions is defined using a plurality of parameters. The method also includes determining a system dynamics model which defines relationship between the plurality of parameters of the customized schema. The method further includes setting targets for at least one parameter from amongst the plurality of parameters of the customized schema and simulating the at least one parameter interactively based on the system dynamics model.

No. of Pages: 41 No. of Claims: 14

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: INTRA CANOPY SPRAYING SYSTEM FOR COTTON AND PIGEON PEA CROPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:E01C5/00, E01C3/01 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING INDIAN COUNCIL OF AGRICULTURAL RESEARCH- CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING Address of Applicant: NABIBAGH, BERASIA ROAD, BHOPAL- 462 038 Madhya Pradesh India (72)Name of Inventor: 1)SURESH NARANG
Filing Date	:NA	2)K. N. AGRAWAL
(62) Divisional to Application Number	:NA	3)R. C. SINGH
Filing Date	:NA	

(57) Abstract:

This invention relates with the development of an intra-canopy spraying system. The object of invention is spraying of chemicals in crops such as cotton and pigeon pea so as the spray has better penetration inside the canopy of the plant. The system consists of 30 hollow cone nozzles (HCN 80250). The complete system is provided with six vertical sleeve booms with five-nozzle arrangement for each row fixed in a specific novel architecture. Air sleeve is made of PVC pipe with openings at four nozzles fixed on vertical sleeve. The arrangement for lowering and lifting arrangement has been provided for adjusting the height of spray of the chemical on the crop foliage. Suitable arrangement has been made in the system to adjust the row-to-row spacing as per the requirement of the crop. The total width of coverage can be varied from 3.6 to 7.2 m with row to row spacing varying from 0.6 to 1.2 m. The sprayer is provided with tank of 1000 litres capacity, which is sufficient to cover about 2 ha area in single filling of the tank. One extra pump is required for filling the liquid in the tank. The canopy sprayer requires HTP triplex pump requiring power of about 2.0 hp (1.5 kW) and an air blower of capacity 2 m3/sec requiring power of about 15 hp (11.25kW). One skilled driver is required for operating the unit. The capacity of the system was found to be 0.95 ha/h at row to row spacing of 0.9 m and forward speed of 1.8-2 km/h. The equipment can be used for spraying in cotton and pigeon pea crops and other crops having similar crop canopy.

No. of Pages: 10 No. of Claims: 6

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: IMPROVED HAND CART (HAATH THELA)

(51) International classification	ADHARTAL, JABALPUR - 482004, MADHYA PRADESH, INDIA. Madhya Pradesh India 2)SHRI SANJAY SONI (72)Name of Inventor: 1)DR. PRAKASH VERM 2)SHRI SANJAY SONI
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(57) Abstract:

The present invention provides a four-wheeled human-driven load-carrying hand-cart with an in-built steering mechanism which eliminated the need to lift the hand-cart by its rear wheels to turn it around a bend about its front wheels. This modified hand-cart comprises of a metallic frame, a cart platform, four wheels and a steering sub-assembly fixed to the axle of the front wheels, comprising of a T-shaped handle bar, a pivot, a shaft and bearings. This steering mechanism is adapted for use in such hand-carts through movement of a T-shaped handle bar in such a way that when the bar is moved to the left or right, the cart moves in the opposite direction, making it possible to turn the cart around a bend like a motor vehicle. This modification thus enables higher loads to be carried on hand-carts, which can be turned around bends with lesser human fatigue and injuries.

No. of Pages: 14 No. of Claims: 6

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NEW POWER GENERATION METHOD

(57) Abstract:

New power generation method by using material which has weight. An object which has weight freely falling within the guided path along with its container from naturally heightened landform or manufactured embodiment which has height and elevation, while falling due to kinetic energy and velocity of the container, objects container rotates rotor of the turbine to produce the electricity. Solid, liquid or semi liquid material shall use as the power generation source. Specially, Waste material, desert sand, mud. stones shall use as object mater

No. of Pages: 14 No. of Claims: 7

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CARBON SEQUESTRATION FROM INDUSTRIAL EFFLUENT GASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	B01D53/56 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Jani Chetankumar G. Address of Applicant: To- Sathara, Taluka- Talaja, Dist-Bhavnagar, PIN-364150, Gujarat, India 2)Pipaliya Dipesh D. 3)Sojitra Jitendra V. (72)Name of Inventor: 1)Jani Chetankumar G.
(87) International Publication No	:NA : NA	(/2)Name of Inventor: 1)Jani Chetankumar G.
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)Jani Chetankumar G. 2)Pipaliya Dipesh D.
Filing Date	:NA	3)Sojitra Jitendra V.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a system for capturing and extracting CO2 from industrial effluent gases by utilizing inert wet anion exchange resins. This operation is performed in only two steps: (1) CO2 captured using wet anion exchange adsorption process (2) CO2 desorbed through hot steam passed in resin and CO2 stored can be passed away to the atmosphere. Hygroscopic nature of resin increases the rate of CO2 adsorption. The present invention provides low cost, eco-friendly and renewable method of capturing CO2 from the industrial effluent gases.

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

(21) Application No.1721/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A NOVEL PROCESS FOR RECOVERY OF ALUMINIUM VALUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	C22B21/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GHARDA KEKI HORMUSJI Address of Applicant:GHARDA HOUSE, 48 HILL ROAD, BANDRA (WEST), MUMBAI 400 050, MAHARASHTRA, INDIA (72)Name of Inventor: 1)GHARDA KEKI HORMUSJI
(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 disclosure relates to a process for recovering aluminium value. The process comprises complexing at least one compound containing at least one hydroxyl group with an aluminium salt formed in an aluminium trihalide catalysed reaction; separating the complex of aluminium and the compound from the mass to obtain a residue containing the complex of aluminium and the compound; and recovering aluminium value from the residue containing the complex of aluminium and the compound.

No. of Pages: 22 No. of Claims: 17

(21) Application No.1722/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: IONIC LIQUID COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	B01J 21/08 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3RD FLOOR, MAKER CHAMBER-IV, 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA (72)Name of Inventor: 1)JAIN SURESH SHANTILAL
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	2)ADURI PAVANKUMAR 3)RATNAPARKHI UDAY 4)UPPARA PARASU VEERA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure provides a composition for preparing aryl carboxylic acid; said composition comprising: at least one ionic liquid, at least one catalyst, at least one non-oxidizable polar solvent, and at least one oxidizable multi-alkylated arylene compound with no two successive ring positions bearing alkyl group. The present disclosure also provides a process for preparing aryl carboxylic acid.

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

(21) Application No.1723/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AIR PURIFICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 9/14 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)THERMAX LIMITED Address of Applicant:D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)BHANDARKAR VISHWANATH PUNDALIK 2)MISAL SHRIRAJ
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(57) Abstract:

A sequential air purification system (100) is disclosed. The system (100) comprises: a primary purification unit including at least one filter selected from a pre-filter (102) and a minimum-efficiency reporting value (MERV) filter (104); a secondary purification unit including at least one stage of at least one photo-catalytic oxidation (PCO) filter (106, 110) coated with a catalyst and a dopant provided in operative communication with one or more ultra-violet lamps (108), the PCO filter (106, 110) substantially encompassing the lamp (108); a tertiary purification unit including at least one filter selected from a high-efficiency particulate air (HEPA) filter (112) and an activated carbon filter (114); and a fan (116) for directing the purified air flow.

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

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: QUATERNARY SALT OF 2,6-BIS [4,6-DIMETHOXYPYRIMIDIN-2-YL)OXY]BENZOIC ACID

(51) International classification	:B01D61/58, A61M1/36	(71)Name of Applicant : 1)GHARDA KEKI HORMUSJI
(31) Priority Document No	:NA	Address of Applicant :GHARDA HOUSE, 48 HILL ROAD,
(32) Priority Date	:NA	BANDRA(WEST), MUMBAI 400 050, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GHARDA KEKI HORMUSJI
(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	
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(57) Abstract:

The present invention relates a water soluble Bispyribac salt represented by Formula I: Formula I wherein, R+ is selected from the group consisting of: ; ;; and The present disclosure also relates to a process for preparing a water soluble Bispyribac salt represented by Formula I.

No. of Pages: 22 No. of Claims: 13

(21) Application No.1332/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METAL CONTAINER WITH RFID TAG FOR CONTAINING GAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:216929 :13/12/2011 :Israel :PCT/IL2012/050499 :04/12/2012 :WO 2013/088435 :NA :NA	(71)Name of Applicant: 1)STRAUSS WATER LTD. Address of Applicant:49 Hasivim St. 49517 Petach Tikva Israel (72)Name of Inventor: 1)WILDER Haim
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a container containing a fluid such as pressurized gas and a machine with a receptacle for utilizing such container.

No. of Pages: 14 No. of Claims: 19

(22) Date of filing of Application :03/07/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: FUEL FILTER OF AN INTERNAL COMBUSTION ENGINE AND FILTER ELEMENT OF A FUEL **FILTER**

(51) International :F02M37/22,B01D29/58,B01D36/00 classification

(31) Priority Document No :10 2011 120 641.1

(32) Priority Date :09/12/2011 (33) Name of priority

:Germany country

(86) International :PCT/EP2012/074969 Application No

:10/12/2012 Filing Date

(87) International

:WO 2013/083843 Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)MANN+HUMMEL GMBH

Address of Applicant: Hindenburgstr. 45 71638 Ludwigsburg

Germany

(72)Name of Inventor:

1)DRR Elke 2)VEIT Martin

3)EICHINGER Stefan

4)KLEIN Martin

(57) Abstract:

The invention describes a fuel filter (10) for fuel in particular diesel fuel of an internal combustion engine in particular of a motor vehicle and a filter element (36). A housing (12) of the fuel filter (10) has at least one fuel inlet (26) for fuel to be cleaned at least one fuel outlet (18) for cleaned fuel and at least one water outlet (30) for water separated off from the fuel. In the housing (12) there is arranged the filter element (36) which sealingly separates the fuel inlet (26) from the fuel outlet (18). The filter element (36) has a filter medium (38) which is in the form of a hollow body and which for the filtering of the fuel can be traversed by flow from the inside to the outside or from the outside to the inside. A coalescence medium (58) in the form of a hollow body for separating off water contained in the fuel is arranged downstream of the filter medium (38) as viewed in the flow path (78) of the fuel is arranged surrounding said filter medium or is arranged in the interior (45) delimited by said filter medium. The coalescence medium (58) comprises at least one layer of a nonwoven suitable for the coalescence of water. The main orientation of fibres of the at least one nonwoven layer runs transversely with respect to a main flow path (84) for the separated off water downstream of the coalescence medium (58).

No. of Pages: 20 No. of Claims: 7

(21) Application No.1727/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: REAL TIME VEHICLE PERFORMANCE MONITORING SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F17/00, G06Q40/00 :NA :NA :NA	(71)Name of Applicant: 1)SAGAR APTE Address of Applicant:303, SADAFULI, DSK RAANWARA, BAVDHAN, PUNE 411021, MAHARASHTRA, INDIA (72)Name of Inventor:
(86) International Application No	:NA	1)SAGAR APTE
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 to a real time vehicle performance and efficiency monitoring system comprising a in-vehicle device for collecting data from ECU, an onboard GPS unit to get the position information of the vehicle, means for transmitting the collected data from the device to a back-end gateway platform, means for analyzing the transmitted data, and means for providing the rating/recommendation to the vehicle driver. The invention also provides a method for evaluating and rating vehicle health in real time.

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

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOADING AND UNLOADING OF COMPRESSORS IN COOLING SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	F25B1/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BLUE STAR LIMITED Address of Applicant: KASTURI BUILDINGS, MOHAN T. ADVANI CHOWK, JAMSHETJI TATA ROAD, MUMBAI - 400 020, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)SANDEEP D. PASARKAR 2)SHEETAL M. KULKARNI
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)SHEETAL M. KULKARNI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a system and method for loading and unloading of compressors in a cooling system. The method comprises the step of selecting an operating mode based on comparison of a first demand and a second demand generated by a controller. The operating mode is selected from a P1D mode or an auto operation mode.

No. of Pages: 20 No. of Claims: 6

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHODS AND APPARATUS FOR THREE PHASE CONTACTING AND REACTIONS IN A CROSS FLOW REACTOR

(51) International classification	:B23B23/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT PETROLEUM CORPORATION LIMITED
(32) Priority Date	:NA	Address of Applicant :Bharat Bhavan, 4 & 6 Currimbhoy
(33) Name of priority country	:NA	Road, Ballard Estate, Mumbai Maharashtra 400 001 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PARIHAR, Prashant Udaysinh
(61) Patent of Addition to Application Number	:NA	2)VOOLAPALLI, Ravi Kumar
Filing Date	:NA	3)KAALVA, Srinivasulu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Different embodiments of the present subject matter, apparatus and processes for three phase contacting and reactions in a cross flow reactor with reduced feed vaporization, low pressure operation, higher liquid holdup, lower reactor pressure drop, low severity operation, and reduced product inhibitory effects are described. In accordance to one embodiment of the present subject matter, a cross flow reactor (100) for three phase catalytic hydroprocessing, comprise at least one reactor stage (104). The at least one reactor stage (104) comprises a central gas distributor (204) having perforated lateral surface for distributing gas, a middle region (206) accommodating a packed catalyst bed, and an outer gas space (202) for removal of effluent gases from the middle region (206). The middle region (206) receives a liquid reactant and gas from central gas distributor (204) to carry out three phase catalytic hydroprocessing reaction.

No. of Pages: 55 No. of Claims: 24

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGH DIELECTRIC CONSTANT PVDF FILMS WITH ONIUM COMPOUNDS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C09D 189/00 :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant: POWAI, MUMBAI 400076, MAHARASHTRA, INDIA (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)KHAKHAR DEVANG VIPIN 2)TIWARI SAURABH KUMAR
(87) International Publication No	: NA	3)MISRA ASHOK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a dielectric film comprising onium compound and polyvinylidene fluoride (PVDF). It further relates to a process for preparing the said dielectric films. The resulting dielectric films have very high dielectric properties, can be made thin, made excellent in winding property (flexibility) and assure a small dielectric loss.

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

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: TO PROVIDE ITEM-UNIQUE IDENTITY TO EVERY ITEM OF THE PRODUCTS, THE ITEM-UNIQUE IDENTITIES ARE GENERATED BY USING ITS OWN PRODUCT SPECIFIC DATA OF PRODUCT TYPE, PRODUCTION BATCH DATA AND MANUFACTURING DATE

	G0 (0 1 0 / 0 1	7127
(51) International classification	:G06Q10/01	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAXENA, ANURAG
(32) Priority Date	:NA	Address of Applicant :A-1004, VICTORIA GARDEN,
(33) Name of priority country	:NA	KALYANI NAGAR, PUNE 411 006, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAXENA, ANURAG
(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 is a system mechanism of providing Item-unique identity to each item using its Product specific data e.g. Production batch, manufacturing date and likes. Each Item-unique identity therefore represents its respective production batch number, manufacturing date and other product data, if any. The item-unique identities are generated offline, locally in manufacturer premise, by manufacturer themselves using data inputs of fixed and variable data. Item-unique identity shall be interpret-able globally by using authentication software comprising of authentication mechanism and numerous algorithm hosted at brand owner web server which is access-able through computer with internet connectivity or mobile phone via SMS, to derive back its Product name, Product code, production batch number and manufacturing date from Item-unique identity. The present invention relates to the field of consumer products. The invention has devised a method of generating numerous Item-unique identities using product specific data of product type, production batch, manufacturing date etc. by using numerous algorithms and also determining the said information by means of online system without any item-unique identity database.

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

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROGRAMMABLE LOGIC CONTROLLER (PLC) BASED STEAM TURBINE GOVERNOR AND GRID SYNCHRONIZING SYSTEM PNEUMATICALLY OR HYDRAULICALLY ACTUATED TURBINE GOVERNOR VALVE.

(57) Abstract:

Programmable logic controller (PLC) based steam turbine governor and grid synchronizing system with pneumatically or hydraulically actuated turbine governor valve is disclosed. The system synchronizes the power generated by the steam turbines with the other power source such as grid power or DG set(s), at a touch of a button without requiring tedious and cautions maneuvering and requiring a skilled operator. STG falls back to Island mode to support the Plant Critical Loads in case of second source failure and reverse synchronizes with the second source when needed.

No. of Pages: 29 No. of Claims: 28

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PROCESS FOR PREPARING AMINO PYRAZOLE DERIVATIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	209/00, C07C	(71)Name of Applicant: 1)GHARDA CHEMICALS LTD. Address of Applicant: B-27/29, MIDC, DOMBIVLI (E) THANE-421203, MAHARASHTRA, INDIA (72)Name of Inventor: 1)MATHUR SUCHET S. 2)MALWANKAR JAGADISH R. 3)SANE VIJAY Y. 4)PEDVI VISHAL P. 5)MHATRE HRIDAYNATH V.
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(57) Abstract:

5-Amino-3-cyano-1-(2,6-dichloro-4-triflouromethylphenyl)pyrazole is an important intermediate in the synthesis of Fipronil. Process for preparing this substituted amino-pyrazole derivative comprises converting 2,6-dichloro-4-trifluormethylaniline into its diazotization salt followed by reaction with ethyl 2,3-dicyanopropionate and further reaction in the presence of ammonia. However, the diazotization of 2,6-dichloro-4-trifluormethylaniline uses acetic acid as a solvent. Increased reaction volume as well as extraction and recovery of acetic acid during work up make the overall process expensive and energy consuming. Process described in the present disclosure for converting 2,6-dichloro-4-trifluormethylaniline to 5-amino-3-cyano-1-(2,6-dichloro-4-trifluormethylphenyl)pyrazole do not use acetic acid during the diazotization step, thereby making the overall process energy efficient and economic.

No. of Pages: 18 No. of Claims: 17

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR TESTING VEHICLE ARRESTING SYSTEM

		(71)Name of Applicant :
		1)DIRECTOR GENERAL, DEFENCE RESEARCH &
		DEVELOPMENT ORGANIZATION (DRDO)
		Address of Applicant :MINISTRY OF DEFENCE,
(51) International alassification	:E01C5/00,	GOVERNMENT OF INDIA, ROOM NO.348, B - WING,
(51) International classification	E01C3/00	DRDO BHAVAN, RAJAJI MARG, NEW DELHI, 110 105,
(31) Priority Document No	:NA	INDIA. Delhi India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SIDDALINGAPPA GURUPRASAD
(86) International Application No	:NA	2)SHANKAR BHAUMIK
Filing Date	:NA	3)PHADKE UDAY P
(87) International Publication No	: NA	4)CHAKARBORTY SANDIPA
(61) Patent of Addition to Application Number	:NA	5)KANASKAR ABHISHEK S.
Filing Date	:NA	6)WAGHMARE CHANDRAKANT L.
(62) Divisional to Application Number	:NA	7)TAMHANKAR RAVINDRA
Filing Date	:NA	8)RAKESH MEENA
•		9)JALWADI VINAYAK R.
		10)BHUJBAL MANOJ R.
		11)WAGHMARE CHANDRAKANT K.
		12)LANGHI DATTATRAYA H.

(57) Abstract:

An energy simulating and energy absorbing system for testing a vehicle arrester system, the energy simulating and energy absorbing system comprises an energy simulator for simulating different dynamic conditions and at least one energy absorber functionally connected to the energy simulator by a flexible tape as the flexible tape stops winding around the first bobbin assembly, the at least one energy absorber absorbs energy simulated corresponding to different dynamic conditions transmitted through the flexible tape held between the energy simulator and the at least one energy absorber.

No. of Pages: 41 No. of Claims: 17

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MANAGING CONTACT INFORMATION REQUESTS

•	URAKHIA Applicant :DIRECTIPLEX, OLD NAGARDAS ANDHERI SUBWAY, ANDHERI (EAST), Iaharashtra India ventor :
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(57) Abstract:

In example embodiments, a system and method for managing contact information requests in a network are provided. Accordingly, a request is received at a contact management system from a user device of a user. The request is for a value for a contact that corresponds to an individual in an address book of the user. An electronic message is sent to and an electronic response received from the individual. Based on the electronic response being a reply in a same format as the electronic message and the reply including the value, the reply is parsed to obtain the value. Based on the electronic response being an indication of activation of a link provided in the electronic message, a form is provided with a field for entering the value. The value obtained from the individual may be automatically provided to the user for updating of their address book.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A SYSTEM FOR MEASURING VALVE STEM DISPLACEMENT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01L5/00, G01L5/12 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)FORBES MARSHALL PVT. LTD Address of Applicant: A-34/35 MIDC, 'H' BLOCK, PIMPRI, PUNE - 411018, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)FERNANDES NEVILLE C 2)PRASAD JAYKUMAR 3)KULKARNI CHETAN AJIT
	:NA	

(57) Abstract:

A system for measuring displacement of a valve stem of a valve assembly is disclosed in accordance with an embodiment of the present disclosure. The system includes housing, a magnet and at least one pair of sensors. The valve stem slides along the wall of the housing. The magnet is mounted on the valve stem and moves between two pre-determined positions defined along an axis of motion of the valve stem within the housing in response to displacement of the valve stem for facilitating change in magnetic flux associated with the magnet. The at least one pair of sensors are mounted in the housing, wherein each of said sensors is disposed on either side of the axis for determining displacement of the magnet based on change in the magnetic flux caused by motion of the magnet.

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

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONSTRUCTION MATERIAL COMPOSITION

(51) International classification (C04B44 (C04B24 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number (NA Filing Date (SNA (SNA (SNA (SNA (SNA (SNA (SNA (SNA	10/02, (71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3RD FLOOR, MAKER CHAMBER-IV, 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA (72)Name of Inventor: 1)GAJELLI CHANDRAMOULI GANGARAM 2)KELKAR ANIL KRISHNA 3)GURUDATT KRISHNAMURTHY 4)ARORA ARUN
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(57) Abstract:

The present disclosure provides a modified fiber-cement composition consisting of cement, asbestos fibers, polyester fibers and optionally at least one additive that has varied applications such as manufacture of roofing sheets. The polyester fibers of the present disclosure have linear mass density ranging between 0.6 den and 2.0 den and length ranging between 1 mm and 20 mm. Also, the ratio of the asbestos fibers and the polyester fibers ranges between 99:1 and 70:30. The present disclosure further provides articles prepared from the modified fiber-cement composition and processes for preparation thereof.

No. of Pages: 18 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application: 18/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DEVICE FOR MAINTAINING AND CHANGING THE PRESSURE IN TYRES

(51) International classification :B60C23/12,B60C23/16 (71)Name of Applicant : (31) Priority Document No :PV 2011-757 1)SITHOLD S.R.O. (32) Priority Date Address of Applicant :Kov;ku 1141/11 15000 Praha 5 Czech :22/11/2011 (33) Name of priority country :Czech Republic Republic (86) International Application No (72)Name of Inventor: :PCT/CZ2012/000114 Filing Date :13/11/2012 1)HRABAL FrantiÅ;ek

(87) International Publication No :WO 2013/075675 (61) Patent of Addition to Application :NA

:NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention concerns a device for maintaining and changing the pressure in a tyre (P) whereby the inner pressure space of the tyre (P) is connected through the pump (K) to the pressure accumulator (Z) which at its input and/or output into the inner pressure space of the tyre (P) is fitted with at least one pressure control element. Additionally it concerns the pump (K) which consists of a peristaltic pump in the shape of a deformable hose placed on the perimeter of the tyre (P) fitted with an air inlet (VST) and an air outlet (VYS) while the air inlet (VST) and the air outlet (VYS) are positioned on the perimeter of the tyre (P) distant from each other by a preset length dependent on the deformation of the tyre (P).

(21) Application No.1248/MUMNP/2014 A

No. of Pages: 19 No. of Claims: 13

(21) Application No.1305/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MODIFIED MINI HEPCIDIN PEPTIDES AND METHODS OF USING THEREOF

(51) International classification: C07K7/06,A61K38/08,A61P3/00

:06/12/2012

(31) Priority Document No :61/568,724 (32) Priority Date :09/12/2011

(33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/068180

Filing Date

(87) International Publication :WO 2013/086143

No

(61) 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 Oakland CA

94607 5200 U.S.A. (72)Name of Inventor:

1)GANZ Tomas

2)NEMETH Elizabeta 3)RUCHALA Piotr

(57) Abstract:

Disclosed herein are peptides which exhibit hepcidin activity and methods of making and using thereof.

No. of Pages: 83 No. of Claims: 18

(21) Application No.1306/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD FOR DETECTING NUCLEOSOME ADDUCTS

(51) International classification :G01N33/574,G01N33/68

(31) Priority Document No :1121040.8 (32) Priority Date :07/12/2011

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2012/053057 Filing Date :07/12/2012

(87) International Publication No :WO 2013/084002

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number :NA
Filing Date
:NA
Filing Date
:NA

(71)Name of Applicant:

1)SINGAPORE VOLITION PTE LIMITED

Address of Applicant :165 Gangsa Road Unit 01 70 670165

Singapore

(72)Name of Inventor:

1)MICALLEF Jacob Vincent 2)ECCLESTON Mark Edward

3)HERZOG Marielle

(57) Abstract:

The invention relates to a method for detecting and measuring the presence of nucleosome protein adducts and the use of such measurements for the detection and diagnosis of disease. The invention also relates to a method of identifying nucleosome adduct biomarkers for the detection and diagnosis of disease and to biomarkers identified by said method.

No. of Pages: 61 No. of Claims: 31

12) THIERT HITELENHOLT OBLICATIO

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PAY CODE CONFIGURATION

(51) International classification	:G06K 19/06, G06K 9/00	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)SHAH, Viral Prakash
(33) Name of priority country	:NA	2)REDDY, Siva
(86) International Application No	:NA	3)SHAH, Jay Hemendrakumar
Filing Date	:NA	4)GHADIGAONKAR, Siddhesh Tukaram
(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	

(21) Application No.1770/MUM/2013 A

(57) Abstract:

(19) INDIA

A method for pay code configuration comprises obtaining one or more pay code parameters and one or more eligibility parameters by a processor. The eligibility parameters indicate eligibility criteria for an employee to be eligible for remunerations corresponding to a particular pay code as a part of the employee^{TMs} net pay. The pay code parameters are used for computing the remuneration corresponding to the particular pay code. An eligibility rule is generated by the processor based on the eligibility parameters for determining whether the employee is eligible for the remunerations corresponding to the particular pay code. Further, a pay code calculation formula is defined by the processor based on the one or more pay code parameters for calculating the remuneration. Furthermore, the eligibility rule and the pay code calculation formula are mapped to a payroll system of an organization by the processor for configuring the pay code.

No. of Pages: 19 No. of Claims: 11

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM FOR AUTOMATIC SELECTION OF ONE OR MORE IMAGE PROCESSING ALGORITHM

(61) Patent of Addition to Application Number :NA Siling Date :NA (62) Divisional to Application Number :NA	Filing Date	G06K7/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)CHATTOPADHYAY, TANUSHYAM 2)REDDY, RAMU VEMPADA 3)GARAIN, UTPAL
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(57) Abstract:

Disclosed is a method and system for automatic algorithm selection for image processing. The invention discloses the method and system for automatically selecting the correct algorithm(s) for a varying requirement of the image for processing. The selection of algorithm is completely automatic and guided by a plurality of machine learning approaches. The system here is configured to preprocess plurality of images for creating a training data. Next, the test image is extracted, pre-processed and matched for assessing the best possible match of algorithm for processing.

No. of Pages: 31 No. of Claims: 11

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : PHARMACEUTICAL DOSAGE FORM COMPRISING ANTIMALARIAL INGREDIENTS IN A SOLID DISPERSION USING HOT MELT EXTRUSION TECHNOLOGY

	:A61K	(71)Name of Applicant:
(51) International classification	9/00,	1)AMIN, PURNIMA DHANRAJ
	A61K31/00	Address of Applicant :DEPARTMENT OF
(31) Priority Document No	:NA	PHARMACEUTICAL SCIENCES AND TECHNOLOGY,
(32) Priority Date	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY, N. M. PAREKH
(33) Name of priority country	:NA	MARG, MATUNGA (EAST), MUMBAI 400019,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	2)FULE, RITESH AMOL
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)FULE, RITESH AMOL
Filing Date	:NA	2)MEER, TARIQUE ALI SADIQUE ALI
(62) Divisional to Application Number	:NA	3)AMIN, PURNIMA DHANRAJ
Filing Date	:NA	

(57) Abstract:

Disclosed herein is a Hot melt extruded pharmaceutical fixed dosage form comprising one or more active antimalarial ingredient(s) belong(s) to the BCS class II or to the BCS class IV in the form of a solid dispersion or solid solution in a matrix, with high aqueous solubility and improved dissolution rate, suitable for inclusion in solid dosage forms such as capsules, tablets and the like.

No. of Pages: 32 No. of Claims: 11

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: OMEGA-3 FATTY ACID COMPOSITION

(51) International classification	:A61K39/396	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OMNIACTIVE HEALTH TECHNOLOGIES LTD.
(32) Priority Date	:NA	Address of Applicant :OMNIACTIVE HEALTH
(33) Name of priority country	:NA	TECHNOLOGIES LTD. RAJAN HOUSE, APPASAHEB
(86) International Application No	:NA	MARATHE MARG, PRABHADEVI, MUMBAI- 400025,
Filing Date	:NA	MAHARASHTRA, INDIA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. JAYANT DESHPANDE
Filing Date	:NA	2)SWAPNIL KHAMBORKAR
(62) Divisional to Application Number	:NA	3)PRAVIN NALAWADE
Filing Date	:NA	4)DR. GIRISH ACHLIYA

(57) Abstract:

The present invention relates to stable Omega-3 fatty acid solid compositions for oral administration and the process for preparation thereof. These beadlet compositions contain combination of high amount of docosahexaenoic acid and/or eicosapentaenoic acid with amino group containing excipient and at least one more pharmaceutically acceptable excipient such as antioxidant, binder, lubricant and inert core. The odourless Omega-3 fatty acid solid beadlet composition is free flowing and suitable for formulating into dry mixes, tablets, chewing tablets, hard gelatin capsules either alone or in combination with other dietary supplements.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A SYNERGESTIC HERBO MINERAL FORMULATION WITH ENHANCED ANALGESIC PROPERTIES AND PROCESS OF PREPARATION FOR THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K36/00, A61P 29/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PITAMBARI PRODUCTS PVT. LTD Address of Applicant: HEMENDRA CO.HSG.SOC., 3RD FLOOR, GOKHALE ROAD, THANE - 400 602, INDIA Maharashtra India (72)Name of Inventor: 1)PRABHUDESAI, RAVINDRA VAMAN 2)PALKAR; SANTOSH CHANDRAKANT 3)MALI; SANDIP SHRIRANG 4)GHARPURE; MILIND OMKAR
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(57) Abstract:

The invention relates to a process for preparation of synergistic herbo mineral composition with enhanced analgesic properties for the treatment of musculoskeletal disorder. The present invention specifically relates to an oral formulation where in same erpannag Rasa, Mahavatwidhavansa Rasa and other herbal ingredients are blended, the whole mixture is then triturated in aqueous extract (Kwatha) of Zinziber officinalies, Tribulus terrestris, Cidrus Deodaru for three times.

No. of Pages: 26 No. of Claims: 6

(22) Date of filing of Application :12/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : STANDARD POLYMER CRASH BOX DESIGN FOR FRONTAL CRASH PROTECTION OF LCV/MCV/TIPPER TRUCK CABIN

(51) International classification	:B21D49/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VE COMMERCIAL VEHICLES LTD
(32) Priority Date	:NA	Address of Applicant :VE COMMERCIAL VEHICLES LTD
(33) Name of priority country	:NA	102, INDUSTRIAL AREA NO. 1 PITHAMPUR-454775 DIST.
(86) International Application No	:NA	DHAR (MADHYA PRADESH), INDIA Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DEVENDRA GENDAR
(61) Patent of Addition to Application Number	:NA	2)NISHANT PATHAK
Filing Date	:NA	3)ARUN KUMAR AGARWAL
(62) Divisional to Application Number	:NA	4)SANJAY TIWARI
Filing Date	:NA	

(57) Abstract:

The present invention provides a crash box assembly of front bumper for commercial vehicles which absorbs sufficient levels of energy during vehicular front collision and minimizes energy absorption at the vehicle cabin area as much as possible. The crash box assembly comprises a pair of crash boxes, having high energy absorbing plastic crash boxes, a cross member pipe, a pair of front cross members and a pair of crumple boxes. The crash boxes are attached to the front cross members using cross member brackets. Both the front cross members are connected to each other using a cross member pipe. The cross members are mounted on the side frames of the vehicle. The crumple boxes are mounted on the side frame bars and they provide support to the front cross members. Thus, the kinetic energy is absorbed by the crash boxes during the frontal collision and remainder of the energy is transferred to the cross members and to the crumple boxes and further to the vehicle frame.

No. of Pages: 20 No. of Claims: 4

(22) Date of filing of Application :16/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: INTELLIGENT COMMUNICATION AND ADVERTISING MECHANISM

(51) International classification(31) Priority Document No(32) Priority Date	:H04W72/12, H04W4/00 :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant:NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VALLAT, SATHISH
(87) International Publication No	: NA	2)GARG, SHALIN
(61) Patent of Addition to Application Number	:NA	3)GOSWAMI, VIBHOR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a system and method for exchanging information between a mobile device and a physical advertising medium such as a billboard. The method and system enables a pluggable device, physically coupled with the mobile device, to detect the mobile device within its vicinity of the physical advertising medium. On detection of the mobile device, the pluggable device establishes a handshake communication channel with the mobile device by authorizing the mobile device. Upon authorizing the mobile device, the pluggable device initiates the advertisement information exchange between the physical advertising medium and the mobile device in a non-intrusive manner. In one aspect, the method and system further enables the mobile device to relay the advertisement information to other mobile devices or any other physical advertisement mediums within its vicinity.

No. of Pages: 32 No. of Claims: 18

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SINTER WITH IMPROVED STRENGTH AND A PROCESS FOR ITS PRODUCTION FAVOURING REDUCED SINTER RETURN FINES.

(51) International classification	:C07D309/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JSW STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :JINDAL MANSION, 5-A, DR. G.
(33) Name of priority country	:NA	DESHMUKH MARG, MUMBAI - 400 026, STATE OF
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)TEKKALAKOTE, UMADEVI
(61) Patent of Addition to Application Number	:NA	2)ANGALAKUDITI, BRAHMACHARYULU
Filing Date	:NA	3)SAH, RAMESHWAR
(62) Divisional to Application Number	:NA	4)MAHAPATRA, PRADIPTA CHANDRA
Filing Date	:NA	

(57) Abstract:

The present Invention relates to high strength sinter and a method for its production for reduction in generation of blast furnace sinter return fines by optimizing the sinter process parameters. More particularly, the present invention is directed to a process for sinter production by introducing selective composition of sinter raw mix and optimizing the sintering process parameters with respect to raw material properties and sinter chemistry for controlling the composition and distribution of the mineral phase present to control the properties of the iron ore sinter directed to increase the sinter strength and thereby decreasing the BF sinter return fines in sinter plant. The process involved selective composition and properties of sinter raw mix introduction leading to overall increase in sinter strength from 74 to 79% with blast furnace sinter return fines reduced from 29.3 to 21.5%.

No. of Pages: 18 No. of Claims: 12

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : HIGH BARRIER MULTILAYER POLYMERIC PACKAGING MATERIAL FOR EXTENDED SHELF LIFE OF PERISHABLE PRODUCTS

(51) International classification	:G06F19/324	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-
(33) Name of priority country	:NA	IV, 222, NARIMAN POINT, MUMBAI-400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAMANTAPUDI VENKATARAMA RAJU
(61) Patent of Addition to Application Number	:NA	2)JADHAV KISHOR SHANKAR
Filing Date	:NA	3)DONGRE TUSHAR JAYWANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present disclosure relates to a multilayer packaging material consisting of three layers having different variations of polyethylene along with additives such as titanium dioxide, carbon black and organic salt. The packaging material of the present disclosure can be effectively used for packaging perishable foodstuffs such as milk due to its desirable oxygen barrier properties.

No. of Pages: 23 No. of Claims: 9

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS FOR WIND TURBINE BASED FOG HARVESTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07K14/415, B82Y30/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)SUZLON ENERGY LIMITED Address of Applicant: ONE EARTH, OPPOSITE MAGARPATTA CITY, HADAPSAR, PUNE - 411 028, MAHARASHTRA, INDIA. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)MOHAMMED OMER 2)HITESH NANDA
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

An apparatus for wind turbine based fog harvesting is disclosed that includes a collector, a gutter assembly, a stand, and a tank. The collector is positioned in close proximity with a nacelle of the wind turbine behind a plane of turbine blades. Fog is condensed in the form of small water droplets on the collector. The small droplets join together to form big water droplets that are collected by the gutter assembly and the water is deposited in the toroidal tank formed around a base of a tower on the ground.

No. of Pages: 16 No. of Claims: 7

(21) Application No.1842/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CELESTIAL GLOBE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G09B27/00, G09B27/06 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RENOLD SEQUEIRA Address of Applicant: MAMMOSHA SMRUTI, SMALL GIRIZ, VASAI - 401201 DIST.THANE MAHARASHTRA (72)Name of Inventor: 1)RENOLD SEQUEIRA
(62) Divisional to Application Number Filing Date	:NA :NA	
-		·

(57) Abstract:

The present invention is an instrument adapted to indicate the apparent movement of the sun and stars from hour to hour, the varying length of different seasons, and the time & place of the rising and setting of the sun and the stars as well as their place in the sky at any hour for any given locality.

No. of Pages: 11 No. of Claims: 3

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: IMAX A SMART WHOLESALE PLATFORM

(51) International classification	:G02B23/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BANKIM B, BRAHMBHATT
(32) Priority Date	:NA	Address of Applicant :B/17, SWASTIK PARK, NR.
(33) Name of priority country	:NA	JUDGE'S BUNGLOW, BODAKDEV, AHMEDABAD -
(86) International Application No	:NA	380052, GUJARAT, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BANKIM B, BRAHMBHATT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Wholesale VoIP businesses require pre-paid call management facility with futuristic features and cost-effective technology. This invention in a combination of computer software and hardware has made it possible by innovating in core process of call switching at internal architecture level of Class-4 Soft switch. It also includes innovation in internal memory management mechanism to match the real-time speed crisis of the switching platform for call authorization and routing. To empower both operation user and business user of these processes many value added innovations has also been introduced. A highly sought industry requirement of Smart Wholesale Platform is fulfilled, by integrating processes of wholesale call switching and routing with pre-paid function on one platform.

No. of Pages: 27 No. of Claims: 10

(21) Application No.1844/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR PREPARATION OF ALOGLIPTIN

(51) International classification	:C07C275/50,C07C275/24	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GLENMARK GENERICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GLENMARK HOUSE, HDO-
(33) Name of priority country	:NA	CORPORATE BLDG, WING-A, B. D. SAWANT MARG,
(86) International Application No	:NA	CHAKALA, ANDHERI(EAST), MUMBAI-400 099, INDIA
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)NAVIN GANESH BHATT
Number	:NA	2)SAMIR NAIK
Filing Date	.NA	3)AJAY KUMAR SHARMA
(62) Divisional to Application Numbe	r:NA	4)MAHENDRA JOMA CHORAGHE
Filing Date	:NA	5)SHEKHAR BHASKAR BHIRUD

⁽⁵⁷⁾ Abstract:

No. of Pages: 30 No. of Claims: 10

The present invention relates to a novel process for the preparation of alogliptin.

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: TWO-WHEELER DENTAL CLINIC

(51) International classification	:D21C11/12, F23G7/05	(71)Name of Applicant: 1)HAZAREY VINAY K.
(31) Priority Document No	:NA	Address of Applicant :DEAN, GOVERNMENT DENTAL
(32) Priority Date	:NA	COLLEGE AND HOSPITAL, GMC CAMPUS, MEDICAL
(33) Name of priority country	:NA	SQUARE, NAGPUR, MAHARASHTRA, INDIA. PIN 440003
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	2)PATIL PRAVINKUMAR G.
(87) International Publication No	: NA	3)HAZAREY ANANYA V.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HAZAREY VINAY K.
(62) Divisional to Application Number	:NA	2)PATIL PRAVINKUMAR G.
Filing Date	:NA	3)HAZAREY ANANYA V.

(57) Abstract:

This invention relates to the Two-wheeler dental clinic comprising a multipurpose carrying box that is attached behind the pillion seat of the 2-wheelerr motorbike and incorporates all required dental instruments, equipments and materials for the purpose of delivering the dental treatment in remote places, villages and tribal areas. The advantage of the 2-wheeler dental clinical over mobile dental van is the accessibility in remote areas where the roads for 4- wheeler vehicles are not available. Also only one dental clinician can travel with the motorbike to reach to the site to deliver the dental treatment. This unit contains a control box that gives all the attachments to work for the dentist e.g. air-rotor hand-pieces attachments, air-water spray, ultrasonic scalers, suction etc. The unit is equipped with the portable micro-motor machine, portable X-ray unit, mini air-compressor etc. A portable dental air-compressor can run for atleast 3 hours in a day. Purpose of this invention is to reach the most remote areas, villages, tribal areas, oldage nursing homes, special care clinics, jails, institutes, orphanage etc to deliver Oral health care.

No. of Pages: 7 No. of Claims: 5

(21) Application No.1293/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHODS AND APPARATUSES FOR IMPLEMENTING A MULTI RAB MINIMUM TFC DETERMINATION ALGORITHM BASED ON TRANSMIT POWER

:H04W92/02,H04W52/36 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/588,026

(32) Priority Date :18/01/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/022192

Filing Date :18/01/2013

(87) International Publication No :WO 2013/109921

(61) Patent of Addition to Application :NA Number :NA

Filing Date (62) Divisional to Application Number: NA Filing Date

1)OUALCOMM INCORPORATED

Address of Applicant :ATTN: INTERNATIONAL IP ADMINISTRATION 5775 Morehouse Drive San Diego

California 92121 U.S.A. (72)Name of Inventor:

1)KANAMARLAPUDI Sitaramanjaneyulu

2)HSU Liangchi

3)ARULPRAKASAM Rajasekar

4)ZHANG Yi

(57) Abstract:

In an aspect of the present disclosure presented is a method for wireless communication that includes obtaining at least one transport format combination (TFC) determining a minimum TFC (MinTFC) mode based on at least one TFC state of at least one TFC inside or outside a MinTFC set and controlling at least one TFC based on the MRAB MinTFC mode. Through this method pack switched transmission power can be managed in a manner that will cause a circuit switched call to function properly in challenging power conditions.

No. of Pages: 51 No. of Claims: 52

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NEW APPROACH FOR DIMMING OF LED STREETLIGHTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01M10/46, H01M10/44 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CROMPTON GREAVES LIMITED Address of Applicant: CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA (72)Name of Inventor: 1)GAWALI NILESH
<u>e</u>		
(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 a circuit and process for generating dimming control voltage from a power supply line for dimming lights. The process comprises that sensing a power supply voltage from a power supply line by a connector one JI (302), allowing the power supply voltage to a stepdown transformer (306) by using at least one zener diode (304) when said power supply voltage is equal and/or more than a threshold voltage, generating a dimming voltage proportional to said power supply voltage by reducing said power supply voltage using said stepdown transformer (306), converting said dimming voltage to an equivalent DC dimming voltage by a rectifier (308), limiting said DC dimming voltage to a predetermined DC dimming voltage by a shunt regulator (310) when said DC dimming voltage is more than said predetermined DC dimming voltage, and then providing said predetermined DC dimming voltage to a connector two J2 (312).

No. of Pages: 15 No. of Claims: 14

12) FATENT AFFLICATION FUBLICATION

(21) Application No.1698/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: COMPOSITE CAM

(57) Abstract:

A cam and a method of manufacturing thereof are provided. An engine employing the cam and a method of manufacturing thereof are provided. The cam comprises a base and a lobe. The lobe has multiple profiles to enable multiple injections of fuel corresponding to the profiles in a single cycle of a valve opening and valve closing. FIG. 5 ProdyoVidhi Ref. NRDB.0010.IN-CS

No. of Pages: 30 No. of Claims: 17

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A PROCESS OF SETTING STONE IN JEWELLERY BY USING COMPUTER AIDED NUMARICALLY CONTROLLED SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A44C27/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)M/S SUNJEWELS INTERNATIONAL PVT. LTD. Address of Applicant:116 SDF-IV, SEEPZ, SEZ, ANDHERI (EAST), MUMBAI - 400 096, MAHARASHTRA, INDIA (72)Name of Inventor: 1)MR. SHISHIR NEVATIA 2)MR. NEERAJ NEVATIA
		· /
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A process of setting stone in jewellery by using computer aided numerically controlled (CNC) system. Precious metal is cut and bent around stone using CNC machine. The process exploits capability of CNC machine by achieving gradual and consistent bending which results in minimum residual stress in precious metal and eliminates possibility of damage to stone.

No. of Pages: 19 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.3536/MUM/2012 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: MAJIC CYCLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	6/35, B62M 11/18 :NA	(71)Name of Applicant: 1)JAI PRAKASHSINGH RAJPUT Address of Applicant:BEHIND B.M.C.COLLEGE, POST JAWLI, TAL: BABAI, DISTRICT:HOSHANGABAD, MADHYA PRADESH 461661 Madhya Pradesh India (72)Name of Inventor: 1)JAI PRAKASHSINGH RAJPUT
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(57) Abstract:

Magic submission cycle is an important building technology. Cycle technology whose goal is to create a quality and useful. Get more results in less energy, the gear should be achieved by changing the speed you want, it is the principal objective of research. The current world situation is looking dire environmental pollution are exposed to new dangers of global warming in the world today requires non-polluting vehicles. Magic Cycle is an important technique in this category. This technology will help utility and environmental protection. Then we can complete the creation of secure atmosphere.

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: TOOL BREAKAGE DETECTION SYSTEM

	:G05B	(71)Name of Applicant :
(51) International classification	19/4065,	1)NIKHIL GAJANAN VAZE
	G05B19/4155	
(31) Priority Document No	:NA	15 & 16, SARNAIKMAL, SAMRATNAGAR, KOLHAPUR-
(32) Priority Date	:NA	416008, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)NIKHIL GAJANAN VAZE
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 provides a tool breakage detection system. The tool breakage detection system comprises a proximity sensor, a controller and a signal transfer means. The tool breakage detection system is low cost detection using contactless sensing of a tool condition in reduced time. The tool if not broken comes in the sensing area of the proximity sensor causing the proximity sensor to generate and send the signal to the controller that allows continuation of the machining operation. The tool if broken does not comes in the sensing area of the proximity sensor resulting in no generation of the signal, the controller in absence of the signal generates the alarm thereby resulting in discontinuation of the machining operation.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: LYCOPENE ENRICHED WHEY FRUIT JUICE HEALTH BEVERAGE

(57) Abstract:

The heat induced maceration leading to increased lycopene content of whole tomato [18.30 mg/l00g] as a modified standard procedure and formulated recipe to develop lycopene. proteins and vitamins rich synergistic health beverage justifiable for its nutraceutical potential emerged out is a success story of this investigation. The health beverage formulated by using standard whey fruit juice base and 10 per cent tomato puree reported its superiority on the basis of relative score of sensorial quality parameters and recorded 1.83 mg/100ml bioactive lycopene as a nutraceutical. The therapeutic value of whey beverage as a synergic contributory action of predominant ingredients especially tomato lycopene, whey proteins and mango vitamin C justifying therapeutic efficacy is confirmed on the basis of animal clinical studies and accordingly provided an open option for future human clinical studies.

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

(21) Application No.1660/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: MULTI-PRODUCT CONTINUOUS FRYER

(51) International classification	:B60L11/18, B60L8/01	(71)Name of Applicant: 1)ARUN DADDA
(31) Priority Document No	:NA	Address of Applicant :ROW HOUSE # 76, HILL GARDEN,
(32) Priority Date	:NA	TIKUJINIWADI ROAD, MANPADA, THANE (W) 400607
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARUN DADDA
(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) 11		•

⁽⁵⁷⁾ Abstract:

This invention refers to a three compartment fryer fitted with three conveyer belts, four oil inlets and a continuous filter making it useful for frying both sinking products as well as floating products in the same oil capacity.

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A STEAM BASED COOKING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	A21B3/04, F24C14/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)FLAREUM TECHNOLOGIES PVT LTD. Address of Applicant: 701, AC MARKET, TARDEO ROAD, MUMBAI-400034, MAHARASHTRA, INDIA (72)Name of Inventor: 1)GADDE VEERA PRASAD 2)DESHMUKH PRATAP SHRIKANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present invention disclose a steam based cooking system 100 that comprises of a cooking vessel 102 including an inlet tube 124, an outlet tube 126, and a temperature sensing device 152 partially insertable within the cooking vessel 102 for measuring internal cooking temperature and generating electrical signals responsive to the measured cooking temperature, an inlet solenoid valve 142 connected to the inlet tube 124 for allowing and preventing passage of steam to enter the cooking vessel 102 when operable in open and closed positions, an outlet solenoid valve 145 connected to the outlet tube 126 for allowing and preventing drainage of a condensate from the cooking vessel 102 when operable in open and closed positions, and a controller 146 communicatively coupled to the temperature sensing device 152 for receiving the electrical signals and determining an actual cooking temperature corresponding to each of the electrical signal, the controller 146 configured to compare each of the determined actual cooking temperature with a pre-stored maximum temperature of the food item, and disposes the inlet solenoid valve 142 from the open position to the closed position if the actual cooking temperature exceeds the pre-stored maximum cooking temperature, and the controller 146 periodically dispose the outlet solenoid valve 145 from the closed position to the open position based on a pre-stored drainage time interval.

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

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR PREPARATION OF DIFLUNISAL

(51) International classification	:C07C69/96, C07C 67/00	(71)Name of Applicant: 1)EMCURE PHARMACEUTICALS LIMITED Address of Applicant:EMCURE HOUSE, T-184, M.I.D.C.,
(31) Priority Document No	:NA	BHOSARI, PUNE-411026, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)GURJAR MUKUND KESHAV
(86) International Application No	:NA	2)KALIAPERUMAL NEELAKANDAN
Filing Date	:NA	3)BALASUBRAMANIAN PRABHAKARAN
(87) International Publication No	: NA	4)MUGALE BALAJI RAM
(61) Patent of Addition to Application Number	:NA	5)BUCHUDE SANDIP BAJABA
Filing Date	:NA	6)PANCHABHAI PRASAD PANDURANG
(62) Divisional to Application Number	:NA	7)KALHAPURE VIJAY KESHAV
Filing Date	:NA	8)AHIRRAO PRAVIN PRABHAKAR
		9)MEHTA SAMIT SATISH

(57) Abstract:

The invention provides a novel process for preparation of Diflunisal of formula (I) involving preparation of 2-bromo-4-(2,4-difluorophenyl)phenol of formula (III) in presence of bromine/acid and its subsequent conversion to 2-bromo-4-(2,4-difluorophenyl) ethoxybenzene of formula (IV) and carboxylation of (IV) with carbon dioxide in the presence of magnesium.

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

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A COMPACT POLYMERIC GEL AND A PROCESS FOR PRODUCING HIGH STRENGTH AND HIGH MODULUS FIBER USING SAID POLYMERIC GEL

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) International Publication No (83) MATHUR AJIT BEHARI (84) International Publication No (85) Patent of Addition to Application Number Filing Date (86) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number Filing Date (80) International Application No (81) International Publication No (82) Patent of Addition to Application Number Filing Date (83) Name of Inventor: 1) SATPATHY UMA SANKAR 2) GANDHAM SATYA SRINIVASA RAO 3) MATHUR AJIT BEHARI 4) JASRA RAKSH VIR 5) SARMA KRISHNA RENGANATH 6) SHAH AMIT KUMAR PUNAMCHAND 7) AMIN YOGINI MAHESHBHAI 8) MEHTA GAURANG MANILAL 9) PATEL NANUBHAI FULJIBHAI 10) PATEL VIRAL KUMAR	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA : NA :NA :NA	IV, 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA (72)Name of Inventor: 1)SATPATHY UMA SANKAR 2)GANDHAM SATYA SRINIVASA RAO 3)MATHUR AJIT BEHARI 4)JASRA RAKSH VIR 5)SARMA KRISHNA RENGANATH 6)SHAH AMIT KUMAR PUNAMCHAND 7)AMIN YOGINI MAHESHBHAI 8)MEHTA GAURANG MANILAL 9)PATEL NANUBHAI FULJIBHAI
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(57) Abstract:

The present disclosure relates to a compact polymer gel consisting of ultrahigh molecular weight polyethylene (UHMWPE), at least one nucleator, at least one filler and at least one fluid medium. The present disclosure also provides a process for the preparation of the compact polymeric gel and fibers from the compact polymeric gel. The fibers prepared in accordance with the present process have tensile strength ranging from 2.5 to 10 GPa and tensile modulus ranging from 110 to 300 GPa.

No. of Pages: 27 No. of Claims: 19

(21) Application No.1802/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SAFETY DOOR.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	C11D1/724 :NA	(71)Name of Applicant: 1)PANCHAL SUNIL HARILAL HANSABEN Address of Applicant: B-504, VENUS CHSL, SUNCITY COMPLEX, GANDHINAGAR, ADISANKARACHARYA MARG, POWAI, MUMBAI-400076. Maharashtra India (72)Name of Inventor: 1)PANCHAL SUNIL HARILAL HANSABEN
(62) Divisional to Application Number Filing Date	:NA :NA	

⁽⁵⁷⁾ Abstract:

The Present Invention Is Related Main Exit Door To Ensure Safety Measures To Prevent The Injury On Palm Or Fingers For Small Children At Home Particularly Below The Tender Age Up To 5 years While Closing The Door Incidentally.

No. of Pages: 7 No. of Claims: 3

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : CASTOR OIL DERIVED HYDROXY FUNCTIONAL ACRYLIC COPOLYMERS FOR SURFACE COATING APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K36/82, A61Q19/10 :NA :NA :NA :NA	(71)Name of Applicant: 1)ASIAN PAINTS LTD. Address of Applicant:6A, SHANTINAGER SANTACRUZ (E) MUMBAI - 400 055 Maharashtra India (72)Name of Inventor: 1)JAIN, RAJEEV K
Filing Date	:NA	2)SINGH, VRIJESH K
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	3)APPARAO, M.L.V. 4)MOUKWA, MOSONGO
Filing Date	:NA	1,1100111111,1120011100
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Acrylic polyols comprising hydroxy functional acrylic copolymers/resin involving an acrylic backbone having modified castor oil sourced hydroxyl functionalities and synthesized by co-reacting modified . hydroxy functional Castor Oil with variety of acrylic monomers, styrene or its derivatives and optionally hydroxyalkyl acrylates / methacrylates and ethylenic monomer through solution polymerization in presence of an initiator. The hydroxyl functionality is solely or partially imparted through renewable Castor Oil wherein the resins were synthesized at upto 100% solids and at hydroxyl values ranging from 25-150 (mg KOH /gm). The synthesized resins when cured with suitable polyisocyanates or amino resin cross-linkers provided tough, glossy and chemical &. weather resistant coatings.

No. of Pages: 30 No. of Claims: 24

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: TELEVISION BASED COMMERCE SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04H20/38, H04H60/64 :NA :NA :NA	(71)Name of Applicant: 1)GUPTA ABHIJIT Address of Applicant: 202, BALKRISHNA HERITAGE APARTMENT, LANE NO. 11, BHANDARKAR ROAD, DECCAN, PUNE 411004 MAHARASHTRA, INDIA (72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A television based electronic commerce system comprising: at least a product and service database adapted to define a plurality of products / services adapted to be activated through the televised medium on the television platform depicting televised content, said products / services in said database, being products / services which are viewed on the televised content through a television platform; at least a tagging platform adapted to tag pre-defined products / services from said televised content from the television medium of said television platform; at least a fetching mechanism adapted to fetch data relating to tagged products / services for a particular televised content, said tagged products / services being concatenated into televised content in real time or before playback of said televised content; at least a viewing mechanism adapted to allow viewing of tagged products / services in said televised content in a pre-determined manner; and at least a selection mechanism adapted to allow a user to select products / services from saud tagged products / services that are visible in a tagged manner in accordance with one of the viewing choices as defined or selected by said viewing mechanism.

No. of Pages: 28 No. of Claims: 10

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR ON-LINE RAPESEED CRUDE MISCELLA REFINING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)MS ABHAY COTEX PRIVATE LIMITED Address of Applicant:31 GUR MARKET OLD MONDHA, NEAR BUS STAND, JALNA- 431203, MAHARASHTRA STATE, INDIA. (72)Name of Inventor: 1)MR ASHISH MANTRI 2)MR D. A. BRASAD
e e e e e e e e e e e e e e e e e e e		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Miscella Refining process for RAPESEED Oil is an on-line process followed by distillation and de solventisation, the said process particularly relates to in the field of RAPESEED crude oil refinery process, the entire refining process is being done at single step each in order to improve the yield, and deactivate the anti nutritional compounds like allyl isothicynates to zero or undetectable level in the final oil, further the finished product in terms of quality and quantity and completely avoids discharge of trade effluents from the process. The said process and its method is being implemented in large commercial scale and established commercially.

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

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR A MULTIPORT MODULAR PV INVERTER.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J1/00, H02M1/10 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant: INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI, MUMBAI - 400076, INDIA. Maharashtra India (72)Name of Inventor: 1)MADHUWANTI JOSHI
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(57) Abstract:

The proposed invention is a multiport modular PV inverter providing offering an option for switching between grid connected mode and off the grid mode along with storage. The system comprises at least an inverter module coupled with a PV module, a storage module, an AC grid module and a load. The inverter module arranged to switch between islanded mode and grid tied mode using a physical disconnect device. It is arranged to operate in microgrid and grid connected mode also communicates with a control center and other inverters using a remote control and monitoring device along with one of a wireless and wired communication link.

No. of Pages: 24 No. of Claims: 32

(22) Date of filing of Application :09/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PROCESS FOR PREPARING IMPURITIES OF ROPINIROLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant: D-4, MIDC Area, Chikalthana, Aurangabad - 431210 Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)Deshmukh Rajendra Dagadu 2)Patil Dattatray Bapuso 3)Rallapalli Sivakumar 4)Deo Keshav
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a process for preparing intermediates and impurities of Ropinirole or its pharmaceutically acceptable salt, for example, hydroxy and alkoxy-ropinirole of Formula II, which is useful as reference marker or a key intermediate to provide pure ropinirole. Formula II wherein R is hydrogen or C1-4 alkyl.

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

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS OF LURASIDONE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61K9/20, A61K31/496 :NA :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant:SARKHEJ-BAVLA N.H. NO. 8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)KULKARNI SUSHRUT KRISHNAJI 2)HANDA AJAY KUMAR
(61) Patent of Addition to Application Number	:NA	3)UMA DOSS POTHUVAN
Filing Date (62) Divisional to Application Number	:NA :NA	4)BHATT YAGNESH ATULKUMAR
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to pharmaceutical compositions of lurasidone or salts thereof. In particular, the invention relates to pharmaceutical compositions of lurasidone or salts thereof with one or more acids. The invention also relates to processes for the preparation of such compositions and use thereof for treatment of schizophrenia, bipolar disorders or senile dementia.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: STEP-UP DC TO DC VOLTAGE CONVERTOR

(51) International classification	M3/155, M3/158 (71)Name of Applicant: 1)SPRYLOGIC TECHNOLOGIES LTD Address of Applicant: A1, Aplab House, Wagle Estate, Thane 400604, Maharashtra, India (72)Name of Inventor: 1)SANNABHADTI Liladhar
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(57) Abstract:

A step-up DC to DC voltage convertor (100) comprising a primary side circuit (104) and a secondary side circuit (106) operatively connected to the primary side circuit (104). The primary side circuit (104) includes at least one current transformer (CT), at least one switch (Q) operatively connected to the current transformer (CT), and a first taped inductor (L1) operatively connected to the at least one current transformer (CT). The at least one current transformer (CT) includes a first part of a primary winding and a secondary windings. The secondary side circuit includes a second taped inductor (L1), at least one clamped diode (D1), at least one rectifier diode (D2), at least one clamped capacitor (C1), and a second part of the primary windings (CT) operatively connected between the at least one clamped diode (D1) and the at least one rectifier diode (D2).

No. of Pages: 19 No. of Claims: 10

(21) Application No.1316/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HARD SURFACE CLEANING COMPOSITION WITH FOAM BOO

(51) International classification:C11D17/00,C11D1/04,C11D3/30 (71)Name of Applicant:

(31) Priority Document No :12151851.8 (32) Priority Date :20/01/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/075607

No

:14/12/2012 Filing Date

(87) International Publication

:WO 2013/107576

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application

:NA Number :NA

Filing Date

1)UNILEVER PLC

Address of Applicant : Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.

(72)Name of Inventor:

1)CICERI Luca

2) DELLA VALLE Nicola 3)FARAONE Anna 4)LUCCHINI Gianluca 5)TRINCHERA Maria

(57) Abstract:

The present invention provides a hard surface cleaning composition in the form of a toilet block wherein the composition comprises fatty acid soap a co surfactant and from 1 to 30% by weight of a foam booster and stabilizing ingredient. Preferably said ingredient is selected from the group consisting of C C alkyl triamines C C alkyl dipropylene triamines C C alkyl diethylene triamines and mixtures thereof. The invention also provides a cage less lavatory cleansing device comprising a toilet block of the invention and a method of producing said device. The invention further provides a method of cleaning the interior of a toilet bowl.

No. of Pages: 19 No. of Claims: 8

(21) Application No.1317/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR MANUFACTURING TEA PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A23F3/16 :12151697.5 :19/01/2012 :EPO :PCT/EP2012/075954 :18/12/2012 :WO 2013/107585 :NA :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)MUTAI Felix Kipkorir 2)SHARP David George
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for manufacturing tea products is provided the process comprising the steps of: withering fresh tea leaves to a moisture content of greater than 40% and less than 60% by weight; and then expressing juice from the withered fresh tea leaves thereby to produce leaf residue and tea juice. A tea juice obtainable by the process and a beverage obtainable by diluting the tea juice are also provided.

No. of Pages: 12 No. of Claims: 14

(21) Application No.1318/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: HAIR TREATMENT COMPOSITION

:NA

:NA

:NA

(51) International classification: A61Q5/02, A61Q5/12, A61K8/04 (71)Name of Applicant: (31) Priority Document No 1)UNILEVER PLC :12151518.3 (32) Priority Date Address of Applicant: a company registered in England and :18/01/2012 (33) Name of priority country Wales under company no. 41424 of Unilever House 100 Victoria :EPO (86) International Application Embankment London Greater London EC4Y 0DY U.K. :PCT/EP2013/050757 (72)Name of Inventor: No :16/01/2013 Filing Date 1)COOKE Michael James (87) International Publication 2) RILEY Robert George :WO 2013/107778 3)SHAW Neil Scott (61) Patent of Addition to :NA Application Number

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

A shampoo composition comprising: i) at least 10 wt% of the total composition of water ii) at least 0.5 wt% of the total composition of anionic surfactant iii) from 0.02 wt% of the total composition to 5 wt% of perfume iv) at least 0.01 wt% of the total composition of a emulsified silicone conditioning agent; and v) a suspending agent comprising at least 0.15 wt% of the total composition citrus fibre that has been mechanically pulped and swollen in water.

No. of Pages: 26 No. of Claims: 9

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : GEMINI AMPHIPHILE BASED FORMULATIONS AND THEIR METHOD OF PREPARATION FOR POLYNUCLEOTIDE DELIVERY INTO CELLS.

(51) International classification :C12C (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)DR. YADAV MANGE RAM Address of Applicant: PHARMACY DEPARTMENT FACULTY OF TECHNOLOGY AND ENGINEERING, KALABHAVAN, THE M. S. UNIVERSITY OF BARODA, VADODARA - 390 001 GUJARAT, INDIA 2)MR. MUKESH KUMAR 3)DR. MISRA AMBIKANANDAN (72)Name of Inventor: 1)DR. YADAV MANGE RAM 2)MR. MUKESH KUMAR 3)DR. MISRA AMBIKANANDAN
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(57) Abstract:

A composition is disclosed comprising of Gemini amphiphile having a head group, spacer and two hydrophobic tails, with or without helper lipids such as DOPE and cholesterol. The composition is useful for transfection of poly-anionic polynucleotides such as DNA into cells.

No. of Pages: 8 No. of Claims: 3

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CASCADED MULTILEVEL INVERTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02M7/49, H02M7/48 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant: 1)Maulana Azad National Institute of Technology Address of Applicant: Near Mata Mandir, Bhopal Madhya Pradesh - 462051 Madhya Pradesh India (72)Name of Inventor:
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(57) Abstract:

Present invention relates to a cascaded multilevel inverter. In particular, present invention provides alternative generalisation of the so-called ~cross-connected sources based multilevel inverter (CCS-MLI). In the proposed invention, the ~cellsTM with two input sources are series connected so as to form a cascaded structure. The primary objective is to retain the salient features of the CCS-MLI structure with two input sources; viz. fundamental switching operation of higher voltage rated switches and possibility of equal load sharing amongst the equal input DC sources. Separate accounts of symmetric and asymmetric source configurations are presented along with appropriate switching procedures.

No. of Pages: 30 No. of Claims: 5

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DEVICE FOR CATCHING AND STRETCHING A WEFT THREAD WEAVING MACHINE AND METHOD FOR CATCHING AND STRETCHING A WEFT THREAD

(51) International classification :D03D47/30 (71)Name of Applicant: (31) Priority Document No :BE 2012/0078 1)PICANOL (32) Priority Date Address of Applicant :Steverlyncklaan 15 B 8900 Ieper :08/02/2012 (33) Name of priority country Belgium :Belgium (86) International Application No :PCT/EP2013/052280 (72)Name of Inventor: Filing Date :06/02/2013 1) GHESQUIERE Marnix (87) International Publication No :WO 2013/117564 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Device and method for catching and stretching a weft thread (2) inserted into a shed of a weaving machine wherein a weft thread stretching device (7) is arranged stationary on the weaving machine in an extension of an insertion path of the weft thread (2) and a guiding device (10) is adapted for limiting a displacement of the caught weft thread (2a) in a direction transverse to the moving direction of the guiding device (10) upon guiding the caught weft thread (2a) towards the weft thread holding device (9). Weaving machine with such a device.

No. of Pages: 36 No. of Claims: 15

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A MODULAR ADD-ON MOULD FOR INDUCTION COOKTOP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Privilege Manufacture Number 	C21D9/60 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CROMPTON GREAVES LIMITED Address of Applicant: CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400 030, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)CHANDRAMOULI JITHIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A modular add-on mould for induction cooktop comprises: a first plate adapted to be a flat plate, said first plate being an operative bottom plate of said add-on mould; and a second plate adapted to be a curved plate, said second plate being an operative top part of said add-on mould, curvature of said second plate providing concavity on its operative top surface, said second plate adapted to touch said first plate.

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

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : NOVEL CLONING, EXPRESSION & PURIFICATION METHOD FOR THE PREPARATION OF RANIBIZUMAB

(51) International classification(31) Priority Document No	:C12N 15/62 :NA	(71)Name of Applicant: 1)INTAS PHARMACEUTICALS LIMITED Address of Applicant: 10TH FLOOR, PREMIER HOUSE,
(32) Priority Date	:NA	BODAKDEV, OPP. GURUDWARA, SG HIGHWAY,
(33) Name of priority country	:NA	AHMEDABAD - 380054, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HIMANSHU GADGIL
(87) International Publication No	: NA	2)HARISH SHANDILYA
(61) Patent of Addition to Application Number	:NA	3)VIVEK FARKADE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to Ranibizumab cloning, expression and production using a novel approach for better yield and biologically active protein.

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

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NOVEL COMPOUNDS AS INHIBITORS OF JANUS KINASE

(51) International classification	:C07D 487/04, C07D 471/00	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)DESAI, RANJIT C.
(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:

The present invention relates to compounds of general formula (I) that are inhibitors of Janus Kinase (JAK), a family of tyrosine kinases that are involved in inflammatory conditions, autoimmune diseases, proliferative diseases, allergy, transplant rejection, diseases involving impairment of cartilage turnover, congenital cartilage malformations, and/or diseases associated with hypersecretion of IL6 or interferons. In particular, the compound of the present invention inhibits JAK1 and/or JAK3 sub families. The present invention also provides methods for the production of the compounds of formula (I) their pharmaceutical compositions, tautomeric forms, and pharmaceutically acceptable salts.

No. of Pages: 26 No. of Claims: 12

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A COMPOSITION FOR PREPARING TEREPHTHALIC ACID

(51) International classification	·C07C63/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER -
(33) Name of priority country	:NA	IV, 222, NARIMAN POINT, MUMBAI 400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JAIN SURESH SHANTILAL
(61) Patent of Addition to Application Number	:NA	2)ADURI PAVANKUMAR
Filing Date	:NA	3)UPPARA PARASU VEERA
(62) Divisional to Application Number	:NA	4)TANGADE PRASHANT SUDHAKAR
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a composition for preparing purified terephthalic acid; said composition comprises p-Toluic acid in an amount of 0.05 % to 4 % with respect to the total mass of the composition; at least one catalyst in an amount of 0.02 % to 2.5 % with respect to the total mass of the composition; at least one ionic liquid in an amount of 0.04 % to 50 % with respect to the total mass of the composition; at least one carboxylic acid solvent; and p-xylene. The present disclosure also provides a process for preparing purified terephthalic acid.

No. of Pages: 30 No. of Claims: 22

(21) Application No.10137/CHENP/2013 A

(19) INDIA

(43) Publication Date: 13/03/2015 (22) Date of filing of Application:19/12/2013

(54) Title of the invention: PERSISTENT KEY ACCESS TO A RESOURCES IN A COLLECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :61/501642 :27/06/2011 :U.S.A. :PCT/US2012/043961 :25/06/2012 :WO 2013/003265 :NA :NA :NA	(71)Name of Applicant: 1)GOOGLE INC. Address of Applicant:1600 Amphitheatre Parkway Mountain View California 94043 U.S.A. (72)Name of Inventor: 1)IBEL Maximilian 2)STEINER Matthew S.
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(57) Abstract:

A method includes receiving a first request from a first user device to access a first resource that includes data for a second user account for which access to the data is restricted to authorized users the first request including an authorization token and associated with a first user identifier that identifies a first user; determining that the first user identifier does not identify an authorized user and in response: determining that the first user identifier identifies an authorized user based on the authorization token and provide the first resource to the first user device; receiving a second request for access to data to the second user account the second request associated with the first user identifier; and based on the first user identifier being determined to identify authorized user providing access to the data to the second user account in response to the second request.

No. of Pages: 35 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :06/01/2014

(21) Application No.120/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: WEB BROWSING ENHANCED BY CLOUD COMPUTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:19/06/2012 :WO 2013/015911 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)KHORASHADI Behrooz 2)RESHADI Mohammad H. 3)DAS Saumitra M.
Filing Date	:NA :NA	

(57) Abstract:

Methods and devices include a server and at least two web browsers operable on at least two different computing devices. Each browser reports results of processing and rendering of webpages to the server. The server aggregates the data. The server generates metadata from the aggregated browsers. The server transmits the generated metadata to at least one computing device. The computing device renders a webpage using at least a portion of the provided metadata. The metadata may identify portions of JavaScript that can be processed in parallel. The metadata may identify a library portion that does not have to be loaded. The metadata may identify a portion of the webpage that may be rendered first before a second portion of the webpage. Returning metadata to the computing device can assist the computing device in parsing analyzing or executing the request for the webpage.

No. of Pages: 104 No. of Claims: 127

(22) Date of filing of Application :02/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: AIR CONDITIONING DEVICE FOR VEHICLE

(51) International aleasification	.D.COII	(71)Nome of Ameliant.
(51) International classification	:B60H	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)SUZUKI MOTOR CORPORATION
(c1) Thomas 2 ocument 1 to	030231	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:19/02/2013	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Yorisada KONDO
Filing Date	:NA	2)Manabu MINAMI
(87) International Publication No	: NA	3)Kei MATSUMOTO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

[Problems] To provide an air conditioning device for a vehicle capable of realizing a suppression of an air flow amount of air conditioning air flow while suppressing a lowering of a comfortableness, and making a securing of the comfortableness inside a vehicle cabin and an extension of an idling stop period compatible with each other. [Solving means] It is an air conditioning device 10 mounted on a vehicle having an idling stop (IS) function, which has an air blowing fan 12 for blowing air conditioning air flow into a vehicle cabin R, a battery 29 for supplying electric power to the air blowing fan by being charged by a power source for a vehicle, and an air conditioning ECU 25 for judging a comfortable level for passengers inside the vehicle cabin, and adjusting an air flow amount of the air blowing fan to be limited based on a judgment result for the comfortable level during an execution of the idling stop.

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

(19) INDIA

(22) Date of filing of Application :01/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: REFRIGERATOR

(51) International classification :F25D21/08,F25D21/14

(31) Priority Document No :2011128912 (32) Priority Date :09/06/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/064642 Filing Date :07/06/2012

(87) International Publication No :WO 2012/169573

(61) Patent of Addition to Application
Number
Filing Date
:NA

(62) Divisional to Application Number :NA Filing Date :NA

:F25D21/08,F25D21/14 (71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

(21) Application No.13/CHENP/2014 A

Address of Applicant :22 22 Nagaike Cho Abeno Ku Osaka

Shi Osaka 5458522 Japan (72)Name of Inventor: 1)TAKASHIMA Kayo

(57) Abstract:

The present invention comprises a cooler (21) for generating cold air a cold air duct (11) in which the cooler (21) is disposed and through which cold air circulates a defrosting heater (24) disposed inside the cold air duct (11) below the cooler (21) and adapted for defrosting the cooler (21) a return part (19) for causing a storage chamber (7) and the cold air duct (11) to communicate with each other and returning cold air from the storage chamber (7) to the cold air duct (11) and a shield plate (26) disposed between the return part (19) and the defrosting heater (24) and used for shielding heat radiated by the defrosting heater (24).

No. of Pages: 19 No. of Claims: 5

(21) Application No.10036/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : ISOCYANATE BASED POLYMER FOAM WITH IMPROVED THERMAL INSULATION PROPERTIES

(51) International classification	:C081 75/04 C08K3/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:NA	Address of Applicant :2040 Dow Center Midland Michigan
(33) Name of priority country	:NA	48674 U.S.A.
(86) International Application No	:PCT/CN2011/076034	(72)Name of Inventor:
Filing Date	:21/06/2011	1)YIN Eric Yi G
(87) International Publication No	:WO 2012/174710	2)CHEN Given Jing
(61) Patent of Addition to Application	:NA	3)WANG Beilei
Number	:NA	4)YE Li
Filing Date	.IVA	5)PARENTI Vanni
(62) Divisional to Application Number	:NA	6)MU Li
Filing Date	:NA	7)ZHANG Yahong

(57) Abstract:

This invention relates to rigid isocyanate based polymer foam comprising a carbon black component comprising at least 50 weight percent of a fluorinated carbon black. Said foam having improved thermal properties specifically rigid polyurethane and/or polyisocyanurate foams for use in insulation applications.

No. of Pages: 24 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :01/01/2014

(21) Application No.11/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: REFRIGERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/06/2012 :WO 2012/169572 :NA :NA :NA	(71)Name of Applicant: 1)SHARP KABUSHIKI KAISHA Address of Applicant: 22 22 Nagaike Cho Abeno Ku Osaka Shi Osaka 5458522 Japan (72)Name of Inventor: 1)NISHIMURA Takashi
Filing Date	:NA	

(57) Abstract:

Provided is a refrigerator which comprises: a storage compartment (3) for cold storing stored items; a cooler (11) for generating cold air; discharge passages (20) which are provided protruding from the rear surface of the storage compartment (3) and extending vertically at the centre in the lateral direction and which also open at a side surface into discharge ports (24) for discharging cold air to the storage compartment (3); a return passage (30) which opens into a return port (31) from which the cold air in the storage compartment (3) flows out to return the cold air to the cooler (11); and a member (22) comprising a transcalent element positioned at the front surface of the discharge passages (20).

No. of Pages: 18 No. of Claims: 4

(22) Date of filing of Application :07/07/2006 (43) Publication Date : 13/03/2015

(54) Title of the invention : EUGENIA JAMBOLANA PLANT EXTRACT FOR THE TREATING OSTEOPOROSIS AND THE EXTRACTION PROCESS THEREOF

(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S AVESTHA GENGRAINE TECHNOLOGIES
(32) Priority Date	:NA	PVT.LTD,
(33) Name of priority country	:NA	Address of Applicant :DISCOVERER9TH FLOOR, UNIT 3,
(86) International Application No	:NA	INTERNATIONAL TECH PARK, WHITEFIELD ROAD,
Filing Date	:NA	BANGALORE, Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MORAWALA PATELL,VILLOO,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to compositions and methods for preventing, treating, or managing osteoporosis or conditions which are characterized by increased bone resorption, comprising administration of a prophylactically and therapeutically effective amount of Eugenia jambolana plant or extracts thereof to a mammal in need of such therapy. Preferably the mammal is human and the compositions comprise of single extract or a combination of extracts thereof. The present invention further relates to extracts which are isolated from different parts of Eugenia jambolana plant, the preparation of such extracts, the medicaments containing said extracts, and the use of these extracts and constituents for the preparation of a medicament. The present invention also relates to the process for preparing the extracts from various parts of Eugenia jambolana plant.

No. of Pages: 34 No. of Claims: 16

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF RIVAROXABAN AND INTERMEDIATES THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:C07D413/00 :NA :NA	(71)Name of Applicant: 1)OPTIMUS PHARMA PVT. ITD Address of Applicant:5-5-35/33/2, PRASANTHI NAGAR,
(33) Name of priority country	:NA	KUKATPALLY, HYDERABAD 500 072 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRINIVAS REDDY DESI REDDY
(87) International Publication No	: NA	2)SRINIVAS RAO VELIVELA
(61) Patent of Addition to Application Number	:NA	3)RAVINDER REDDY, VENNAPU REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention provides a novel intermediate and its process of preparation. The present invention provides the use of a novel intermediate in the synthesis of Rivaroxaban. The present invention provides an improved process for the preparation of Rivaroxaban.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :25/03/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention: MULTISPECIFIC DEIMMUNIZED CD3-BINDERS

(51) International classification	:C07K 16/28	(71)Name of Applicant:
(31) Priority Document No	:03023581.6	1)MICROMET AG
(32) Priority Date	:16/10/2003	Address of Applicant :STAFFELSEESTRASSE 2, 81477
(33) Name of priority country	:EUROPEAN	MUNCHEN, Germany
	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP04/11646	
Filing Date	:15/10/2004	2)BAUERLE, PATRICK,
(87) International Publication No	:(WO	3)KOHLEISEN, BIRGIT,
	2005/040220)	4)ITIN,CHRISTIAN,
(61) Patent of Addition to Application Number	::NA	5)CARP,FRANCIS,J.,
Filing Date	:NA	6)HAMILTON,ANITA,A.
(62) Divisional to Application Number	:	7)WILLIAMS, STEPHEN,
Filed on	:01/01/1900	

(57) Abstract:

The present invention provides a cytotoxically active CD3 specific binding construct comprising a first domain specifically binding to human CDS and an Ig-derived second binding domain. Furthemiore, a nucleic acid sequence encoding a CDS specific binding construct of the invention is provided. Further aspects of the invention are vectors and host cells comprising said nucleic acid sequence, a process for the production of the construct of the invention and composition comprising said construct. The invention also provides the use of said constructs for the preparation of pharmacutical compositions for the treatment of particular diseases, a method for the treatment of particular diseases and a kit comprising the binding construct of the invention.

No. of Pages: 147 No. of Claims: 41

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:24/05/2012 :WO 2013/008538 :NA :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)SATO Kazushi
Filing Date	:NA	

(57) Abstract:

To further enhance encoding efficiency by utilizing the motion correlation between layers of an image to be scalably encoded. [Solution] Provided is an image processing apparatus equipped with: an information obtaining unit that obtains setting information for setting a motion vector for a second prediction unit within a second layer that corresponds with a first prediction unit within a first layer of an image to be scalably decoded that contains the first layer and the second layer which is above the first layer said setting information being related to a motion vector set for the first prediction unit; and a motion vector setting unit that sets a motion vector for the second prediction unit using the setting information to be obtained by the information obtaining unit.

No. of Pages: 111 No. of Claims: 14

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONVEYORS MODULE FOR SUGAR CANE HARVEST AND HARVESTING PROCESS

(51) International classification :A01D45/10 (71)Name of Applicant: 1)CENTRO NACIONAL DE PESQUISA EM ENERGIA E (31) Priority Document No :Pi11035676 (32) Priority Date :04/07/2011 MATERIAIS CNPEM Address of Applicant :Rua Giusepe M;ximo Scolfaro 10.000 (33) Name of priority country :Brazil (86) International Application No :PCT/BR2012/000229 Bairro Guar; Campinas SP Brazil (72)Name of Inventor: Filing Date :03/07/2012 (87) International Publication No :WO 2013/003924 1)BRAUNBECK Oscar Antonio (61) Patent of Addition to Application 2)NETO Efraim Alberto :NA 3)RIBEIRO GRAY Guilherme :NA Filing Date 4) CAMARGO DE CAMPOS Jos Leonardo (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a harvesting conveyors module particularly appropriate for sugar cane harvesting comprising a lifting mechanism (1) arranged horizontally and able to be vertically moved; a base cutting mechanism (7); a deflector mechanism (6) arranged above the lifting mechanism (1) and configured to deflect and aid the displacement of cutted stems to a pulling mechanism (9) said pulling mechanism comprising conveyors an upper conveyor (10) and a lower conveyor (11); a lifting foil (8) placed near to the lower end of the conveyors (10 11); a transferring mechanism (12) appropriate to receive the stems from pulling mechanism (9) and transfer them to a chopper mechanism (13) said chopper mechanism (13) being arranged in sequence to the said transferring mechanism (12) and a stretcher mechanism (14) acts on the upper conveyor (10) of the pulling mechanism. The invention also relates to a process for sugar cane harvesting with a module such process minimizing the forces applied onto the root.

No. of Pages: 56 No. of Claims: 16

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: WIND TURBINE BLADE COMPRISING VORTEX GENERATORS

(51) International classification :B64C23/06,F03D1/06,F03D7/02

(31) Priority Document No :11175052.7 (32) Priority Date :22/07/2011 (33) Name of priority country :EPO

(86) International Application

No :PCT/EP2012/064301

Filing Date :20/07/2012

(87) International Publication :WO 2013/014082

No

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)LM WP PATENT HOLDING A/S

Address of Applicant : Jupitervej 6 DK 6000 Kolding

Denmark

(72)Name of Inventor: 1)MADSEN Jesper

2)WRTH Ines 3)HANSEN Rolf 4)MLLER Olaf

(57) Abstract:

Disclosed is a wind turbine blade (10) and a method for retrofitting a wind turbine blade (10) the wind turbine blade (10) extending in a longitudinal direction (r) along a pitch axis and having a tip end (16) and a root end (14) as well as a blade length (L) the wind turbine blade (10 further comprising a profiled contour including a pressure side (52) and a suction side (54) as well as a leading edge (56) and a trailing edge (58) with a chord (60) having a chord length (C) extending there between the profiled contour when being impacted by an incident airflow generating a lift wherein the suction side (54) of the wind turbine blade is provided with a plurality of vortex generators positioned along a mounting line (36) having a proximal end point (37A) nearest the root end and a distal end point (37B) nearest the tip end wherein the mounting line (36) is a concave line seen from the trailing edge (58) of the wind turbine blade (10).

No. of Pages: 28 No. of Claims: 17

(21) Application No.210/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 13/03/2015

:NA

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING THERMAL ENERGY GENERATION IN A PORTABLE COMPUTING DEVICE

(51) International classification :G06F1/32,G06F1/20 (71)Name of Applicant: (31) Priority Document No 1)OUALCOMM INCORPORATED :13/182940 (32) Priority Date Address of Applicant : Attn: International IP Administration :14/07/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/043077 (72)Name of Inventor: Filing Date :19/06/2012 1)SALSBERY Brian (87) International Publication No :WO 2013/009439 2)MEDRANO Christopher Lee (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A system and method for reducing heat in a portable computing device includes clocking a processor such that it is provided with a full frequency over time t to t. A timer is set to trigger a forced power collapse (FPC) that removes all power to the processor from time t to time t. At time t the processor may be awakened such that it can resume processing at the full frequency. Advantageously during the FPC no leakage power (P) is consumed by the processor between t and t. The result is that the processor averages the same processing efficiency over time t to t as it otherwise would have if a reduced frequency had been provided to it. However because no P was consumed during the FPC the generation of heat between time t and t that is related to P is avoided.

No. of Pages: 47 No. of Claims: 24

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: OPTICAL FIBER CUTTER AND OPTICAL FIBER CUTTER UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G02B6/00 :2011176988 :12/08/2011 :Japan :PCT/JP2012/069897 :03/08/2012 :WO 2013/024722 :NA :NA	(71)Name of Applicant: 1)SEI Optifrontier Co. Ltd. Address of Applicant: 1 Taya cho Sakae ku Yokohama shi Kanagawa 2448589 Japan 2)SUMITOMO ELECTRIC INDUSTRIES LTD. (72)Name of Inventor: 1)HASEGAWA Masahiro 2)TADA Tsuyoshi 3)HOMMA Toshihiko
Filing Date	:NA	
* *		

(57) Abstract:

Provided is an optical fiber cutter capable of improving workability not only when carrying out work while holding the optical fiber cutter in the hand but also when carrying out work while the optical fiber cutter is placed on a work table. An optical fiber cutter (1) is provided with a cutter base body (3) and a cutter lid body (4) attached to the cutter base body (3) so as to be able to open and close. A slider (8) having a blade member for scratching the optical fiber is moveably attached to the cutter base body (3) in the width direction. A switching plate (15) is attached to the rear end section of the cutter base body (3) and a switching operation part (16) is disposed on the outer surface side of the switching plate (15). When the switching operation part (16) is in a first position the opening angle of the cutter lid body (4) is at 35 degrees in order for the cutter lid body (4) to engage with a stopper.

Meanwhile when the switching operation part (16) is in a second position the opening angle of the cutter lid body (4) increases to 70 degrees in order for the engagement between the cutter lid body (4) and the stopper to be released.

No. of Pages: 34 No. of Claims: 5

12) I TI LIVI THI LICITION I OBLICTION

(21) Application No.157/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : COMMUNICATION DEVICE COMMUNICATION METHOD COMMUNICATION SYSTEM AND COMPUTER PROGRAM

(51) International classification	:H04L9/08,H04L9/32	(71)Name of Applicant:
(31) Priority Document No	:2011157127	1)SONY CORPORATION
(32) Priority Date	:15/07/2011	Address of Applicant :1 7 1 Konan Minato Ku Tokyo
(33) Name of priority country	:Japan	1080075 Japan
(86) International Application No	:PCT/JP2012/066955	(72)Name of Inventor:
Filing Date	:03/07/2012	1)NAKANO Takehiko
(87) International Publication No	:WO 2013/011830	2)SHIMA Hisato
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		<u> </u>

(57) Abstract:

An objective of the present invention is to avoid illicit distribution of content while allowing authentication and key exchange procedures over an external network. A measurement to obtain an RTT to a receiving apparatus (130) is carried out with a relay apparatus (120) which is between a WAN (140) and a home network (150) and connects these two networks. By making it a condition for distribution of content from a transmission apparatus (110) that the RTT value be less than or equal to a threshold it is possible to implement a usage environment for using content within the home network (150) which is equivalent to a system which uses current DLNA and DTCP IP protocols.

No. of Pages: 80 No. of Claims: 26

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HEALTHY BISCUIT

(51) International :A21D13/02,A21D13/08,A21D2/18 classification

(31) Priority Document No :11290278.8 (32) Priority Date :20/06/2011

(33) Name of priority country:EPO

(86) International Application: PCT/EP2012/061887

:20/06/2012 Filing Date

(87) International Publication :WO 2012/120154

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)GENERALE BISCUIT

(21) Application No.218/CHENP/2014 A

Address of Applicant: 3 rue Saarinen F 94150 Rungis France

(72)Name of Inventor: 1)FOLZ Juliette 2)VEREL Aliette

3)VINOY Sophie

(57) Abstract:

The disclosure concerns a method for producing a ready to eat biscuit comprising at least 29 wt% wholegrain cereal flour 5 wt% to 22 wt% fat and at most 30 wt% sugar relative to the total weight of the biscuit wherein the slowly digestible starch over total available starch ratio of the biscuit is at least 31 wt% the method comprising: mixing a cereal flour comprising the wholegrain cereal flour with fat and sugar and at most 8 wt% added water relative to the total weight of the dough to form a dough; moulding the dough into the shape of a biscuit; baking the biscuit; wherein the cereal flour comprises refined cereal flour in an amount of at least 14.5 wt% of the dough and wherein the refined cereal flour has a water absorption under 55 % as measured by Brabender® Farinograph® according to NF ISO 5530 1 norm.

No. of Pages: 30 No. of Claims: 17

(21) Application No.230/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: A SYSTEM FOR EXTENDED STORAGE OF RED BLOOD CELLS AND METHODS OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01N1/02 :61/504644 :05/07/2011 :U.S.A. :PCT/US2012/045426 :03/07/2012 :WO 2013/006631 :NA :NA :NA	(71)Name of Applicant: 1)NEW HEALTH SCIENCES INC. Address of Applicant: 6903 Rockledge Drive Suite 230 Bethesda Maryland 20817 1818 U.S.A. (72)Name of Inventor: 1)YOSHIDA Tatsuro 2)VERNUCCI Paul
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(57) Abstract:

A system and methodology for the preservation of red blood cells is described in which red blood cells are oxygen or oxygen and carbon dioxide depleted treated and are stored in an anaerobic environment to optimize preparation for transfusion. More particularly a system and method for extended storage of red blood cells from collection to transfusion that optimizes red blood cells prior to transfusion is described.

No. of Pages: 66 No. of Claims: 39

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: IMAGE CODING METHOD IMAGE DECODING METHOD IMAGE CODING DEVICE IMAGE DECODING DEVICE AND IMAGE CODING AND DECODING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04N7/32 :61/664870 :27/06/2012 :U.S.A. :PCT/JP2013/003635 :10/06/2013 :WO 2014/002407 :NA :NA	(71)Name of Applicant: 1)PANASONIC CORPORATION Address of Applicant:1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor: 1)MATSUNOBU Toru 2)NISHI Takahiro 3)SHIBAHARA Youji 4)SASAI Hisao 5)TANIKAWA Kyoko 6)SUGIO Toshiyasu
(62) Divisional to Application Number Filing Date	:NA :NA	6)SUGIO Toshiyasu 7)TERADA Kengo

(57) Abstract:

An image coding method comprises: a context arithmetic coding step (S711) for continuously coding (i) first information indicating whether or not SAO processing is performed on a first region and (ii) second information indicating whether or not information relating to SAO processing on a region different from the first region is used for the SAO processing on the first region by context arithmetic coding; and a bypass arithmetic coding step (S712) for after the first information and the second information are coded coding other information by bypass arithmetic coding the other information includes third information indicating whether the SAO processing is edge offset processing or band offset processing in the context arithmetic coding step (S711) the value of the first bit of a bit string of a parameter indicating the type of the SAO processing is coded as the first information and in the bypass arithmetic coding step (S712) the value of a bit next to the first bit of the bit string of the parameter is coded as the third information.

No. of Pages: 178 No. of Claims: 15

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: VIBRATORY CENTRIFUGE MOUNTING ARRANGEMENT

(51) International classification :B04B3/06 (71)Name of Applicant: 1)SCHENCK PROCESS AUSTRALIA PTY LIMITED (31) Priority Document No :2011902637 (32) Priority Date Address of Applicant :46 Glenwood Drive Thornton New :29/06/2011 (33) Name of priority country South Wales 2322 Australia :Australia (86) International Application No (72)Name of Inventor: :PCT/AU2012/000750 1)MILEWICZ Mariusz Filing Date :28/06/2012 (87) International Publication No :WO 2013/000016 2) CHATTERJEE Wayne (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates generally to a vibratory centrifuge (10) comprising a shaft assembly (12) connected at opposing ends to a drive mechanism (14) and a basket assembly (16) respectively. The vibratory centrifuge (10) also comprises a main housing (18) mounted to a base frame (20) and chute (22) connected to the main housing (18) to provide a solid/liquid feed to the basket assembly (16). The centrifuge (10) also comprises a mounting arrangement for the shaft assembly (12) including a combination of one or more slide blocks (34A) and (34B) and a tapered securement ring (32). The slide blocks (34A/B) are mounted to the shaft assembly (12) to permit sliding movement of the shaft assembly (12) within the main housing (18). The tapered securement ring (32) is one of three tapered segment rings located circumferentially around the shaft assembly (12). The tapered ring segments (32A/B) are located at respective ends of the shaft assembly (12) so as to clamp the shaft assembly (12) within the main housing (18).

No. of Pages: 14 No. of Claims: 13

(21) Application No.1428/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :18/06/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention: VEHICULAR REAR SPOILER

(51) International classification (31) Priority Document No (32) Priority Date (32) Name of priority country	:NA :NA	(71)Name of Applicant: 1)Chen Po-Nien Address of Applicant:3F. No.3 Ziqiang St. Beitou Taipei
(33) Name of priority country(86) International Application No Filing Date	:NA :NA :NA	Taiwan (72)Name of Inventor: 1)Chen Po-Nien
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicular rear spoiler, which is integrated with the trunk lid of a vehicle, comprises an electronic display arranged on the rear side of the spoiler body and a reelable heat-insulation sun shade collected inside the spoiler body, whereby not only advertisement or messages can be presented on the electronic display, but also the heat-insulation sun shade can be extended to the front of the vehicle to protect the vehicle from sunshine, rain and snow.

No. of Pages: 9 No. of Claims: 5

(21) Application No.2378/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: INDIGENOUS INFANTOMETER

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	NA NA NA NA	(71)Name of Applicant: 1)DR. VIJAYASHREE MATHAD Address of Applicant: HOUSE NO: A14/7. JNMC STAFF QTRS, NEHRU NAGAR, BELGAUM, KARNATAKA - 590 010 Karnataka India (72)Name of Inventor: 1)DR. VIJAYASHREE MATHAD 2)DR(MRS) VIJAYA. NAIK 3)DR.N.S MAHANSHETIT 4)DR.SHIUPRASAD.S
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(57) Abstract:

The present invention relates to an infantometer (100) for measuring the height of an infant, said infantometer (100) comprising.a main body (102) adapted to receive and retain an infant, said main body (102) comprising a vertical slit (108) in the center of said main body (102) in an operative position for accommodating a scale means (110);a first end (104) mounted with a retractable measuring tape (112) connected to said main body (102); a second end (106) connected to said main body (102), wherein said vertical slit of said main body (102) is provided with sliding means to slide said second end to and fro with respect to said first end (104); and means for connecting said main body (102) with said first end (104) and said second end (106), wherein, said first end (104) and said second end (106) are connected to each other by means of scale means (110) of retractable measuring tape (112) through said vertical slit (108).

No. of Pages: 18 No. of Claims: 7

(21) Application No.152/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RABIES VIRUS LIKE PARTICLE PRODUCTION IN PLANTS

(51) International :C12N7/01,A01H5/00,A61K39/205 classification

(31) Priority Document No :61/496371 (32) Priority Date :13/06/2011

(33) Name of priority country: U.S.A.

(86) International Application:PCT/CA2012/000581

:13/06/2012

Filing Date

(87) International Publication :WO 2012/171104

(61) Patent of Addition to :NA Application Number :NA

Filing Date (62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant: 1)MEDICAGO INC.

Address of Applicant: 1020 Route de lEglise Suite 600

Quebec Qubec G1V 3V9 Canada

(72)Name of Inventor:

1)DAOUST Marc Andre 2)LAVOIE Pierre Olivier 3) VEZINA Louis Philippe 4)COUTURE Manon

(57) Abstract:

A method of producing a virus like particle (VLP) in a plant is provided. The method comprises introducing a first nucleic acid into the plant or portion of the plant. The first nucleic acid comprising a first regulatory region active in the plant operatively linked to a nucleotide sequence encoding a native rabies virus structural protein. The nucleotide sequence may further comprise one or more than one amplification element. Optionally a second nucleic acid might be introduced into the plant or portion of the plant. The second nucleic acid comprising a second regulatory region active in the plant and operatively linked to a nucleotide sequence encoding a matrix protein for example but not limited to a rabies matrix protein. The plant or portion of the plant is incubated under conditions that permit the expression of the nucleic acids thereby producing the VLP.

No. of Pages: 108 No. of Claims: 30

(22) Date of filing of Application :29/06/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention : A COMPOSITION OF EXTRACT OF EMBLICA OFFICINALIS AND METHOD OF PREPARING THE SAME

(51) International classification	:a61k36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANTONY Benny
(32) Priority Date	:NA	Address of Applicant : Arjuna Natural Extracts Ltd. P.B.
(33) Name of priority country	:NA	No.126 Bank Road Aluva - 683 101 Kerala State Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANTONY Benny
(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 disclosure relates to a composition of an extract of fruits of Emblica officinalis selected from the group consisting of liquid juice of fruits of Emblica officinalis, a powder of an alcoholic extract of fruits of Emblica officinalis, a powder of a hydro alcoholic extract of fruits of Emblica officinalis, a powder of a juice of fruits of Emblica officinalis, a powder of a pectinase treated water extract of fruits of Emblica officinalis, and combinations thereof; a method of preparing such compositions of extract of fruits of Emblica officinalis, more particularly which has application as a nutraceutical or pharmaceutical for increasing HDL C levels in patients with memory loss and dementia especially in patients with neurodegenerative diseases like AlzheimerTMs disease and for the treatment of memory loss especially in AlzheimerTMs disease.

No. of Pages: 49 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application: 10/01/2014

(21) Application No.226/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND DEVICE FOR MONITORING VIRUS TREND ABNORMALITY

(51) International :H04L12/26,G06F21/00,H04L9/00 classification

:WO 2013/152672

(31) Priority Document No :201210101792.2 (32) Priority Date :09/04/2012 (33) Name of priority country: China

(86) International Application :PCT/CN2013/073357

:28/03/2013

Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY

LIMITED

Address of Applicant :Room 403 East Block 2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518000

(72)Name of Inventor:

1)WU Jiaxu 2)YU Tao

(57) Abstract:

A method and device for monitoring virus trend abnormality are used for timely and effectively monitoring various viruses. The method comprises: acquiring the number of hits that is obtained when a virus is scanned and removed; calculating each M day moving average value of the number of hits; calculating a standardized residual of the number of hits; and when the standardized residual is larger than a first preset threshold identifying time of the number of hits as a growing trend abnormality point of the virus.

No. of Pages: 37 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MULTIVIEW VIDEO CODING

(51) International classification :H04N7/26,H04N7/50

(31) Priority Document No:61/512771(32) Priority Date:28/07/2011(33) Name of priority country:U.S.A.

(86) International Application No :PCT/US2012/048475

Filing Date :27/07/2012 87) International Publication No :WO 2013/016610

(87) International Publication No :WO 2013 (61) Patent of Addition to Application

Number
Filing Date

(62) Divisional to Application Number
Filing Date

:NA
:NA
:NA
:NA

:H04N7/26,H04N7/50 (71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

(21) Application No.244/CHENP/2014 A

Address of Applicant :5775 Morehouse Drive ATTN: International IP Administration San Diego California 92121 1714

5 U.S.A.

(72)Name of Inventor:

1)CHEN Ying

2)KARCZEWICZ Marta

(57) Abstract:

Aspects of this disclosure relate to a method of coding video data. In an example the method includes obtaining from an encoded bitstream one or more network abstraction layer (NAL) units for each view component of a plurality of view components of encoded video data where each view component of the plurality of view components corresponds to a common temporal location and where the one or more NAL units encapsulate at least a portion of the encoded video data for the respective view components and include information indicative of a decoding order of the respective view components. The method also includes obtaining information separate from the NAL units indicating relationships between view identifiers for the views and the decoding order of the view components. The method also includes decoding the encoded video data of the plurality of view components in the decoding order based on the received information.

No. of Pages: 101 No. of Claims: 68

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROJECTION CAPTURE SYSTEM PROGRAMMING AND METHOD

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:G03B21/132,G03B21/50,H04N5/225 :PCT/US2011/045983 :29/07/2011 :U.S.A. :PCT/US2011/058896 :02/11/2011 :WO 2013/019255 :NA :NA	(71)Name of Applicant: 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant:11445 Compaq Center Drive W. Houston TX 77070 U.S.A. (72)Name of Inventor: 1)SHORT David Bradley
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one example a projection capture system includes: a controller; a workspace camera operatively connected to the controller for capturing still images and video images of an object in a workspace; and a projector operatively connected to the controller. The controller is configured to control the workspace camera and the projector to capture an image of a real object in the workspace and to project the object image into the workspace. In another example a workspace collaboration method includes: capturing a digital image of a real object in a first workspace; simultaneously projecting the object image into multiple workspaces including the first workspace; capturing a digital image of an altered object image as it is being altered in one of the workspaces; and simultaneously projecting the altered object image into multiple workspaces including the first workspace.

No. of Pages: 45 No. of Claims: 15

(22) Date of filing of Application :22/09/2008 (43) Publication Date : 13/03/2015

(54) Title of the invention : IMMUNOBIOLOGICALLY-ACTIVE PROTEINS OF STREPTOCOCCUS PNEUMONIAE AND METHOD OF IDENTIFICATION

(51) International classification	:C07K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JALAJA TECHNOLOGIES PVT.LTD.
(32) Priority Date	:NA	Address of Applicant :6-3-663/B, 2ND FLOOR, M. R.L.
(33) Name of priority country	:NA	HOUSE, PANJAGUTTA, HYDERABAD-500 082. Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KAUL VINOD,
(61) Patent of Addition to Application Number	:NA	2)SHARMA SWEETY,
Filing Date	:NA	3)TUMMALA SURESH,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention encompasses a pharmaceutical composition comprising a novel immunobiologically-active protein SPGC_0168 obtained from the strain CGSP14 of Streptococcus pneumoniae, for non-serotype specific treatment of pneumonia and process for their preparation. The invention also encompasses a process for the insilico identification of the novel immunobiologically-active protein. The instant invention further provides a diagnostic kit for performing the diagnostic test.

No. of Pages: 26 No. of Claims: 10

(21) Application No.243/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SLICE HEADER THREE DIMENSIONAL VIDEO EXTENSION FOR SLICE HEADER PREDICTION

(51) International classification :H04N7/26,H04N7/
(31) Priority Document No :61/510738
(32) Priority Date :22/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/0477

(86) International Application No
Filing Date

(87) International Publication No

:PCT/US2012/047705
:20/07/2012
:WO 2013/016233

(61) Patent of Addition to Application
Number
Filing Date
:NA
:NA

(62) Divisional to Application Number :NA Filing Date :NA

:H04N7/26,H04N7/50 (71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive ATTN: International IP Administration San Diego California 92121 1714

U.S.A.

(72)Name of Inventor:

1)CHEN Ying 2)WANG Ye Kui

3)KARCZEWICZ Marta

(57) Abstract:

In one example a video coder is configured to code one or more blocks of video data representative of texture information of at least a portion of a frame of video data process a texture slice for a texture view component of a current view associated the texture slice comprising the coded one or more blocks and a texture slice header comprising a set of syntax elements representative of characteristics of the texture slice code depth information representative of depth values for at least the portion of the frame and process a depth slice for a depth view component corresponding to the texture view component of the view the depth slice comprising the coded depth information and a depth slice header comprising a set of syntax elements representative of characteristics of the depth slice wherein process the texture slice or the depth slice comprises predict at least one syntax element.

No. of Pages: 81 No. of Claims: 56

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: OBJECT POSE BASED INITIALIZATION OF AN ULTRASOUND BEAMFORMER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA :G01S7/52,G01S :61/503695 :01/07/2011 :U.S.A. :PCT/IB2012/05 :19/06/2012 :WO 2013/00512 :NA :NA	1)VIGNON Francois Guy Gerard Marie
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(57) Abstract:

Beamforming to image an object (310) such as an interventional tool is enhanced by initializing the beamformer (308) with the object s location and optionally its orientation. The initializing uses an estimate of the location/orientation. The estimate is derived from the output of one or more sensors (304 306). These are disposed external to the imaging array (316) that operates with the beamformer. The estimate is made without the need for a result of any imaging based on data arriving by reflected ultrasound. One or more of the sensors may be attached to the object which may be elongated as in the case of a needle or catheter used in medical diagnosis and treatment. In some implementations one or more of the sensors are attached to the imaging probe (302). The sensors may be for example ultrasound electromagnetic optical or shape sensors. Alternatively ultrasound transmitting transducers may be substituted for the ultrasound sensors.

No. of Pages: 28 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :07/01/2014

(21) Application No.139/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: VIBRATORY CENTRIFUGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B04B3/06,B04B9/00 :2011902638 :29/06/2011 :Australia :PCT/AU2012/000749 :28/06/2012 :WO 2013/000015 :NA :NA	(71)Name of Applicant: 1)SCHENCK PROCESS AUSTRALIA PTY LIMITED Address of Applicant: 46 Glenwood Drive Thornton New South Wales 2322 Australia (72)Name of Inventor: 1)MILEWICZ Mariusz 2)CHATTERJEE Wayne
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/000015	
- 10	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates generally to a vibratory centrifuge (10) comprising a shaft assembly (12) mounted to a basket assembly (14) which is rotated by a drive mechanism (16). The shaft assembly (12) includes a shaft (38) rotationally mounted in a shaft housing (40) and adapted at opposing ends to connect to the basket assembly (14) and the drive mechanism (16) respectively. The shaft assembly (12) also includes a pair of preloaded thrust bearings (42A and 42B) mounted to the shaft (38) and designed to handle axial vibratory loads in the shaft (38). One of the preloaded thrust bearings (42A) is mounted to the shaft housing (40) and thus designed to also handle radial loads. The shaft assembly (12) further comprises biasing means in the form of disc springs (46) mounted between the pair of preloaded bearings (42A/B) to maintain a predetermined constant static preload under the axial vibratory loads.

No. of Pages: 16 No. of Claims: 12

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: MVC BASED 3DVC CODEC SUPPORTING INSIDE VIEW MOTION PREDICTION (IVMP) MODE

(51) International classification :H04N7/26,H04N7/50 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM INCORPORATED :61/510738 (32) Priority Date Address of Applicant: 5775 Morehouse Drive ATTN: :22/07/2011 (33) Name of priority country :U.S.A. International IP Administration San Diego CA 92121 1714 (86) International Application No :PCT/US2012/047701 U.S.A. (72)Name of Inventor: Filing Date :20/07/2012 (87) International Publication No :WO 2013/016231 1)CHEN Ying (61) Patent of Addition to Application 2)ZHANG Li :NA Number 3)KARCZEWICZ Marta :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

This disclosure describes features and techniques applicable to threedimensional (3D) video coding. In one example a technique may include coding a texture view video block and coding a depth view video block wherein the depth view video block is associated with the texture view video block. Coding the depth view video block may include coding a syntax element to indicate whether or not motion information associated with the texture view video block is adopted as motion information associated with the depth view video block.

No. of Pages: 65 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LIGHT GUIDE

(51) International

:F21V5/04,F21V7/00,H01L25/075

classification

:11172403.5

(31) Priority Document No (32) Priority Date

:01/07/2011

(33) Name of priority country: EPO

:NA

(86) International Application

:PCT/IB2012/053314

:29/06/2012

:WO 2013/005147

Filing Date (87) International Publication

(61) Patent of Addition to :NA Application Number :NA

Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

(21) Application No.253/CHENP/2014 A

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands

(72)Name of Inventor:

1)KESER Merijn

2)VAN AS Marco

3) VAN KEMPEN Frank Walterus Franciscus Marie

(57) Abstract:

The disclosed embodiments relate to a light guide (100) and a luminaire (700) including such a light guide (100). The light guide (100) guides light emitted in a first direction (500) from a light source (200) comprising at least one light emitting diode (210). The light guide (100) directs a major part of the light in a second direction (600) wherein the first direction (500) is not equal to the second direction (600). The light guide (100) comprises an upper part (110) having a shape of a cone and a center axis (120) of the upper part (110) is in the first direction (500). The light guide (100) can be used with reflectors (800) that have originally been manufactured for use with high intensity discharge lamps or halogen lamps but because of the light guide (100) the reflectors (800) can be used together with light sources (200) in the form of at least one light emitting diode (210).

No. of Pages: 14 No. of Claims: 15

(21) Application No.26/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: COOLING SYSTEM AND LED BASED LUMINAIRE COMPRISING SAME

(51) International classification :F21V15/01,F21V25/12,F21V29/02

(31) Priority Document No :102011103605.2

(32) Priority Date :08/06/2011 (33) Name of priority country:Germany

(86) International :PCT/EP2012/002445

Application No :PC1/EP2012/0022

Filing Date

(87) International Publication :WO 2012/167945

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(22) Printing Law

:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)COOPER CROUSE HINDS GMBH

Address of Applicant : Senator Schwartz Ring 26 59494 Soest

Germany

(72)Name of Inventor:

1)SCHWARZ Gerhard 2)BURMEISTER Jens

(57) Abstract:

A cooling system (1) of a luminaire (2) based on light emitting diodes is proposed wherein said luminaire comprises a completely closed luminaire construction (3) having a flameproof housing (4). A heat sink (5) as part of the cooling system (1) is arranged in the housing. The cooling system (1) furthermore comprises an electrically operated air circulation means (6). Such a cooling system makes it possible to compensate for the reduction of a luminous flux with minimal additional costs or minimal additional weight or a minimal additional size of the luminaire wherein the LED lumina can simultaneously be used in hazardous areas in a wide temperature range.

No. of Pages: 14 No. of Claims: 18

(21) Application No.128/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : ELECTRODE FOR AN LI ION BATTERY HAVING A POLYETHER-SILOXANE COPOLYMER AS BINDER

	G00G55/00	
(51) International classification	:C08G77/00	(71)Name of Applicant:
(31) Priority Document No	:10 2013	1)WACKER CHEMIE AG
(31) Thomas Document No	200 750.7	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737
(32) Priority Date	:18/01/2013	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)GIGLER, PETER
Filing Date	:NA	2)HAUFE, STEFAN
(87) International Publication No	: NA	3)STOHRER, JURGEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The object of the invention is an electrode for an Li ion battery, which contains a crosslinked polyether-siloxane copolymer (V), which can be prepared by crosslinking of siloxane macromers (S) having the average general formula (1) HaRlbSiO(4_ab /2 (1), where R! is a monovalent, SiC-bonded C-C hydrocarbon radical which is free of aliphatic carbon-carbon multiple bonds and a and b are nonnegative integers, with the proviso that 0.5 < (a+b) < 3.0 and 0 < a < 2, and that at least two silicon-bonded hydrogen atoms are present per molecule, by means of polyether macromers (P) containing at least two alkenyl groups per molecule and optionally further compounds (W) containing alkenyl groups, with polyethylene glycols functionalized by one allyl group being excepted from the compounds (W) as binder; and also a process for preparing a crosslinked polyether-siloxane copolymer (V) as binder for the electrode in an Li ion battery in a crosslinking step.

No. of Pages: 20 No. of Claims: 9

(22) Date of filing of Application :08/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RARE EARTH PERMANENT MAGNET AND METHOD FOR MANUFACTURING RARE EARTH PERMANENT MAGNET

(51) International classification: H01F41/02,B22F3/00,B22F3/02

(31) Priority Document No :2012054699 (32) Priority Date :12/03/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/056432 :08/03/2013

Filing Date

(87) International Publication :WO 2013/137133

(61) Patent of Addition to :NA Application Number :NA

(62) Divisional to Application :NA Number :NA

Filing Date

Filing Date

(71)Name of Applicant:

1)NITTO DENKO CORPORATION

Address of Applicant: 1 1 2 Shimohozumi Ibaraki shi Osaka

5678680 Japan

(72)Name of Inventor:

1)OMURE Tomohiro 2)KUME Katsuva 3)OKUNO Toshiaki 4)OZEKI Izumi

5)OZAKI Takashi 6)TAIHAKU Keisuke 7)YAMAMOTO Takashi

(57) Abstract:

Provided are a rare earth permanent magnet and a method for manufacturing a rare earth permanent magnet with which the magnetic characteristics of the permanent magnet are improved and manufacturing efficiency is significantly enhanced. A magnet raw material is pulverized into a magnet powder and a compound (12) is produced by mixing the pulverized magnet powder and a binder. Then by hot melt forming the produced compound (12) a green sheet (14) formed into a sheet is prepared on a support base material (13). Then the formed green sheet (14) is heated and softened and in a state where a plurality of said heated green sheets (14) have been laminated magnetic field orientation is performed by applying a magnetic field thereto. Further the magnetic field oriented green sheets (14) are sintered. In this way a permanent magnet (1) is manufactured.

No. of Pages: 64 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SEAL FOR USE IN AN ELECTRICALLY HEATED VESSEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A47J27/21 :11172299.7 :01/07/2011 :EPO :PCT/IB2012/053186 :25/06/2012 :WO 2013/005128 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)NIJHOFF Alex Reinier
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.254/CHENP/2014 A

(57) Abstract:

A seal (30) for use in an electrically heated vessel comprising a container space for containing liquid and a heating element for supplying heat to the container space is intended to be used at a position inside the vessel for protecting a portion of the vessel which is present at a side of the heating element facing away from the container space from penetration of liquid from the container space. To this end the seal (30) has an annular shape and comprises at least one resilient circumferential projection (31) extending outwardly. The projection (31) has at least one discontinuity (34) in its surface (35) whereby it is possible to stop scale particles from penetrating between the seal (30) and an inner surface of the vessel which may otherwise occur and lead to leakage problems.

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

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PLANT TRANSFORMATION METHOD

(51) International

:A01H1/00,C12N15/67,C12N15/82 classification

(31) Priority Document No

:11175038.6

(32) Priority Date (33) Name of priority country: EPO

:22/07/2011

(86) International Application: PCT/IB2012/053705

:20/07/2012

Filing Date

(87) International Publication :WO 2013/014585

(61) Patent of Addition to :NA Application Number :NA

Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)BASF PLANT SCIENCE COMPANY GMBH

(21) Application No.261/CHENP/2014 A

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor:

1)CHANG Yin Fu

2)VANGURI Aparna Sri

3)GRIST Leslie

4)TUTTLE Holly

5)HONG Hai Ping

6)OLHOFT Paula

(57) Abstract:

The present invention provides a method of producing a transgenic plant. Said method comprises the steps of a) providing a wounded transformable explant comprising a hypocotyl or a portion thereof at least one cotyledon and wounded tissue b) transforming cells comprised by said explant and c) transferring said explant to a growing medium comprising at least one selection compound for a selectable marker by inserting the hypocotyl of said explant into said growing medium. Moreover the present invention provides a plant obtainable by the method according to the present invention.

No. of Pages: 43 No. of Claims: 15

(21) Application No.122/CHENP/2014 A

Address of Applicant :Novo All DK 2880 Bagsv|rd Denmark

(71)Name of Applicant:

(72)Name of Inventor:

1)NOVO NORDISK A/S

1)NIELSEN Ole Christian

(19) INDIA

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : DRUG DELIVERY INJECTION PEN WITH ADD ON DOSE CAPTURING AND DISPLAY MODULE

(51) International classification :A61M5/24,A61M5/315,G06F19/00

:NA

(31) Priority Document No :11173082.6 (32) Priority Date :07/07/2011

(33) Name of priority :EPO

country

(86) International PCT/EP2012/063349
Application No

Filing Date :09/07/2012

(87) International Publication No :WO 2013/004843

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
:NA
:NA

2)STRENSEN Morten

(57) Abstract:

Filing Date

A drug injector (1) comprising expelling means for expelling a dose of drug from a reservoir a release member (13) for releasing the drug expelling means and an actuation member (33) adapted to be moved by a user between an initial intermediate and actuated position in which the release member is moved to release the drug expelling means. The injector further comprises an electronic capturing system for capturing data representing a dose of drug to be expelled and a switch (38) for starting initialization of the data capture system the switch being actuated when the actuation member is positioned in its intermediate position. A spring (34) provides a biasing force against movement of the actuation member between its initial and intermediate position. Thereby the electronic data capturing system is allowed to initialize during the actuation member s movement between the intermediate and the actuated position.

No. of Pages: 25 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :10/01/2014

(21) Application No.242/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: PREDICTING THE LEVELS OF SUBSTANCES SUCH AS CORTISOL FROM EEG ANALYSIS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61B5/145 :1111870.0 :11/07/2011 :U.K. :PCT/GB2012/051642	(71)Name of Applicant: 1)GANDHI Krishna Address of Applicant:25 Locket Road Harrow London Middlesex HA3 7ND U.K. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:11/07/2012 :WO 2013/008011 :NA :NA :NA :NA	1)GANDHI Krishna

(57) Abstract:

A method of predicting substance levels from EEG data comprises the steps of analysing EEG data to obtain the average power for each of a plurality of predetermined frequency bands calculating an amalgamated value from the average powers derived for each frequency band said amalgamated value being calculated by combining the average powers for each frequency band by dividing and/or multiplying according to a predetermined order and obtaining an estimate of the hormone level from the equation Y=bX+C where Y is the substance to be predicted X is the amalgamated value and b and C are constants. In one embodiment the substance is Cortisol and the amalgamated value is the ratio Theta/Alpha/Delta/SMR.

No. of Pages: 31 No. of Claims: 19

(21) Application No.255/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LIGHT OUTPUT DEVICE AND METHOD OF MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G09F13/22 :11172360.7 :01/07/2011 :EPO :PCT/IB2012/053282 :28/06/2012	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)CORNELISSEN Hugo Johan
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/005143 :NA :NA :NA :NA	2)CENNINI Giovanni 3)GOMMANS Hendrikus Hubertus Petrus 4)KRIJN Marcellinus Petrus Carolus Michael 5)VAN DELDEN Martinus Hermanus Wilhelmus Maria 6)STOFMEEL Leon Wilhelmus Godefridus 7)YU Jianghong

(57) Abstract:

A light output device and manufacturing method in which an array of LEDs (34) is embedded in an encapsulation layer (32). An array of cavities (30)(or regions of different refractive index) is formed in the encapsulation layer (32). The cavities/regions (30) have a density or size that is dependent on their proximity to the light emitting diode (34) locations in order to reduce hot spots (local high light intensity areas) and thereby render the light output more uniform over the area of the device.

No. of Pages: 15 No. of Claims: 12

12) TATENT ATTLICATION TODLICATION

(22) Date of filing of Application :16/11/2007 (43) Publication Date : 13/03/2015

(54) Title of the invention: FUEL FREE MOTOR CUM GENERATOR

(31) Priority Document No (32) Priority Date (33) Name of priority country	:F16H, F02B :NA :NA :NA	(71)Name of Applicant: 1)MANICKAM SENTHIL KUMAR Address of Applicant: 2/42 Subhadhar Street Koorambadi Village, Arcot Tk, Vellore Dt, Tamil Nadu 632 401. Tamil Nadu India (72)Name of Inventor:
8	:NA	1)MANICKAM SENTHIL KUMAR
(,	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2671/CHE/2007 A

(57) Abstract:

(19) INDIA

Today we are concentrating on conservation of energy by inputting energy externally to the system. But we didnt care about the planetary revolving system and electron cloud revolving system. It doesnt need any outside energy for revolution. This system is also same as like this concept in between the magnets we are making it revolve and in the practical example tangent galvanometer this is also one another example of this system. It can act as both motor and as well as generator at the both time. So we can use it as both generator and motor at the same time. So it is the fuel (input energy) free energy retrieving system. This will function through the magnets holds its magnetic fields value. We can even apply the current to attain the desired torque within the short time at starting. At the same time we can get the electric energy at the time of running. So we can get the electrical energy at the time of running. Bom the time we can get the electrical as well as mechanical energy from this system. So this is highly necessary system for our conventional use.

No. of Pages: 10 No. of Claims: 23

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: IDENTIFICATION CONTROL METHOD AND SYSTEM FOR VALUABLE DOCUMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:31/10/2012 :WO 2013/135051 :NA	(71)Name of Applicant: 1)GRG BANKING EQUIPMENT CO. LTD. Address of Applicant: 9 Kelin Road Science City Luogang District Guangzhou Guangdong 510663 China (72)Name of Inventor: 1)WANG Rongqiu 2)XIANG Tuowen 3)XU Chaoyang
	:NA :NA	<i>'</i>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An identification control method and system for a valuable document. The system comprises a collection part (21) an identification part (22) a control part (23) a transmission part (24) and an upper computer (25). In the identification part (22) complete identification information about a valuable document is split into basic identification information and high grade identification information. Only the basic identification information which is required by the control part (23) is sent to the control part (23) and the information which is not required by the control part (23) is directly sent to the upper computer (25) by the identification part (22). The identification part (22) only transmits the basic identification information to the control part (23) the data transmission amount is one tenth of the original data transmission amount and the transmission speed can be increased by 10 times thereby solving the problem that a valuable document cannot be quickly processed continuously because the serial transmission speed between the control part (23) and the identification part (22) is slow.

No. of Pages: 23 No. of Claims: 10

(22) Date of filing of Application :06/11/2007 (43) Publication Date : 13/03/2015

(54) Title of the invention: PRODUCTION UNIT FOR BIO-DIESEL FROM NON-EDIBLE OILS

(51) T	:B01J	(71)Name of Applicant:
(51) International classification	31/02	1)DEPARTMENT OF MECHANICAL ENGINEERING
(31) Priority Document No	:NA	Address of Applicant :K.S RANGASAMY COLLEGE OF
(32) Priority Date	:NA	TECHNOLOGY, K.S.R. KALVI NAGAR, TISUCHENGODE-
(33) Name of priority country	:NA	637215 NAMAKKAL (DT) TAMILNADU, INDIA
(86) International Application No	:NA	2)DEPARTMENT OF AUTOMOBILE ENGINEERING
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DEPARTMENT OF MECHANICAL ENGINEERING
(61) Patent of Addition to Application Number	:NA	2)DEPARTMENT OF AUTOMOBILE ENGINEERING
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

Self reliance in energy is vital for overall economic development of our country. The need to search for alternative sources of energy which are renewable, safe & non polluting assumes top priority in view of uncertain supplies & frequent price hikes of fossil fuels in the international market. Panamas, Atrophic, Name are has been found to be one of the most suitable species due to its various favorable attributes like its hardy nature, high oil recovery and quality of oil etc. It can be planted on degraded lands through joint forest management (JFM), formers field boundaries, and waste lands/fallow lands. Indigenous production of non-edible oil will save foreign exchange worth of several million dollars and also generate employment opportunities in rural areas. This invention is very useful for doing the research work and small batch type unit for producing the bio-diesel from the non-edible oils. The size of the unit is very compact and produced bio-diesel from non-edible oils for a period of 1V2 hours at a volume of 5 liters. We can produce approximately 70 to 80 liters of bio-diesel from this unit per day. It is cost effective, easy to operate, complete electronic control of temperature and digital speed sensors. It is made up of stainless steel container and blades are made of the same material. It is able to produce the bio-diesel with a yield of 94 to 96% depending upon the nature of the oils and reactor.

No. of Pages: 17 No. of Claims: 2

(19) INDIA

(22) Date of filing of Application: 13/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LIPOSOMES CO ENCAPSULATING A BISPHOSPHONATE AND AN AMPHIPATHIC AGENT

(51) International :A61K9/127,A61K31/663,A61K31/704 classification

:61/507325

(31) Priority Document

No

(32) Priority Date :13/07/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/IL2012/050249 Application No :12/07/2012

:NA

:NA

Filing Date

(87) International :WO 2013/008240

Publication No

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to

Application Number Filing Date

(71)Name of Applicant:

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Address of Applicant :Hi Tech Park Edmond Safra Campu

Givat Ram 91390 Jerusalem Israel

2) SHAARE ZEDEK MEDICAL CENTER

(21) Application No.286/CHENP/2014 A

(72)Name of Inventor: 1)GABIZON Alberto A. 2)BARENHOLZ Yechezkel 3)SHMEEDA Hilary

(57) Abstract:

The present disclosure provides liposomes comprising a membrane and an intrahposomal aqueous water phase the membrane comprising at least one liposome forming lipid and the intrahposomal aqueous water phase comprises a salt of a bisphosphonate together with an amphipathic weak base agent (PLAD). An example of a liposome is one comprising co encapsulated in the intrahposomal aqueous water phaseN containing bisphosphonate such as alendronate and an anthracycline such as doxorubicin which was shown to increase survival as compared to Doxil or to administrations of liposomal alendronate (PLA) and Doxil (separate liposomes). Such liposomes may carry a targeting moiety exposed at the liposome s outer surface for example conjugate of folic acid as a targeting moiety to folate receptor (FT PLAD). Also provided by the present disclosure is a method of preparing the liposomes and methods of use of the liposomes at times in combination with additional active ingredients such as ?d T cells.

No. of Pages: 65 No. of Claims: 73

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SLICE HEADER PREDICTION FOR DEPTH MAPS IN THREE DIMENSIONAL VIDEO CODECS

(51) International classification :H04N7/26,H04N7/50 (71)Name of Applicant : 1)QUALCOMM INCORPORATED (31) Priority Document No :61/510738 (32) Priority Date Address of Applicant: 5775 Morehouse Drive ATTN: :22/07/2011 (33) Name of priority country International IP Administration San Diego CA 92121 1714 :U.S.A. (86) International Application No :PCT/US2012/047690 U.S.A. Filing Date :20/07/2012 (72)Name of Inventor: (87) International Publication No :WO 2013/016225 1)CHEN Ying (61) Patent of Addition to Application 2)KARCZEWICZ Marta :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

In one example a video coder is configured to code a first slice wherein the first slice comprises one of a texture slice and a corresponding depth slice wherein the first slice has a slice header comprising complete syntax elements representative of characteristics of the first slice. The video coder is further configured to determine common syntax elements for a second slice from the slice header of the first slice. The video coder is also configured to code the second slice after coding the first slice at least partially based on the determined common syntax elements wherein the second slice comprises one of the texture slice and the depth slice that is not the first slice wherein the second slice has a slice header comprising syntax elements representative of characteristics of the second slice excluding values for syntax elements that are common to the first slice.

No. of Pages: 77 No. of Claims: 54

(19) INDIA

(22) Date of filing of Application :10/01/2014

(21) Application No.251/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: ADAPTING A SCAN MOTION IN AN X RAY IMAGING APPARATUS

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date Sweden :PCT/EP2012/062487 (72)Name of Inventor: 1)HEMMENDORFF Magnus 2)HJ,,RN Torbjrn 3)LUNDQVIST Mats 4)REHN Jonas **A** **INA** **Independence of Inventor: 1)HEMMENDORFF Magnus 2)HJ,,RN Torbjrn 3)LUNDQVIST Mats 4)REHN Jonas	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:27/06/2012 :WO 2013/004572 :NA :NA :NA	1)HEMMENDORFF Magnus 2)HJ,,RN Torbjrn 3)LUNDQVIST Mats
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(57) Abstract:

According to one embodiment the x ray apparatus comprises an x ray source adapted to emit an x ray beam a detector adapted to receive the x ray beam of the x ray source wherein the x ray source is adapted to be moved in relation to a first portion of the x ray apparatus the x ray apparatus the x ray apparatus further comprising a control unit for controlling the movement of the x ray source and detector wherein the x ray source and the detector are adapted to rotate in relation to a first portion of the x ray apparatus wherein further the x ray beam is directed essentially towards the detector during the movement of the x ray source and the detector.

No. of Pages: 76 No. of Claims: 43

(21) Application No.258/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LIGHTING MODULE FOR A MODULAR LIGHTING SYSTEM

(51) International classification :F21S2/00,H01L25/075 (31) Priority Document No :11172398.7 (32) Priority Date :01/07/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2012/053284

Filing Date :28/06/2012

(87) International Publication No :WO 2013/005144 (61) Patent of Addition to Application

:NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

1)GIELEN Herman Johannes Gertrudis

(57) Abstract:

The present invention relates to a lighting module (20a 20b 20c) a modular lighting system (2) and a method of manufacturing such a lighting module. The lighting module comprises a board (21) having a central portion (24) and a peripheral edge (22) adapted to be coupled to the peripheral edge of the board of another lighting module and a plurality of light sources (23) arranged at the board such that the pitch in proximity to the peripheral edge is larger than the pitch in proximity to the central portion. The present invention is advantageous in that it enables the realization of a modular lighting system whose luminance distribution is perceived as more homogenous. The pitch between the light sources of the board can be reduced while reducing the perception of any dark areas between neighbouring lighting modules as illuminance interruptions (or discontinuities).

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :14/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD APPARATUS AND TERMINAL FOR IMPROVING THE RUNNING SPEED OF APPLICATION

(51) International classification	:G06F9/445 :201210106766.9	(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:12/04/2012	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No		Zhenxing Road Futian District Shenzhen City Guangdong
Filing Date	:12/03/2013	518044 China
(87) International Publication No	:WO 2013/152648	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)LIN Daozheng
Number	:NA	2)NIE Kefeng
Filing Date	.11/1	3)FANG Bin
(62) Divisional to Application Number	:NA	4)LI Shiping
Filing Date	:NA	

(57) Abstract:

The present invention provides a method an apparatus and a terminal for improving the speed of an application relating to the computer field. The method comprises: collecting local data information corresponding to the missing page interruption while the application is running wherein the local data information includes the name of a file in which the local data is contained the offset in the file and the size of the local data; acquiring the corresponding local data according to the collected local data information; when receiving an instruction to improve the running speed of the application loading the acquired local data. The present invention can reduce the time spending by the application on accessing I/O operations and improve the running speed of the application by loading the acquired local data according to the local data information corresponding to the missing page interruption while the application is running; the effect of speed improving can be enhanced because the local data information corresponding to the missing page interruption is not limited to the access scenario and different degrees of speed optimization can be performed to different applications thus improving the pertinence of speed optimization and expanding the speed optimization space.

No. of Pages: 44 No. of Claims: 21

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: MASTER BILL OF MATERIALS CREATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	(71)Name of Applicant: 1)Accenture Global Services Limited Address of Applicant: 3 Grand Canal Plaza, Grand Canal Street Upper, Dublin 4, IRELAND (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)MANOJ TIWARI 2)SANTIPRASAD CHAKRABARTI 3)DHARMENDRA SINGH YADAV 4)SWARNALATHA KRISHNAMURTHI

(57) Abstract:

Master bill of materials (BOM) creation may include extracting BOM data from first and second BOMs, and determining which BOM extracted data is greater. If the first or second BOM is a CAD BOM and the other BOM is a non-CAD BOM, the CAD BOM may be used as a first source BOM data for a master BOM table. If the first and second BOMs are non-CAD BOMs, the greater and lesser of the first and second BOM extracted data may be respectively used as the first and as a second source BOM data. A list of parent IDs may be determined from the master BOM table, and for each parent ID, a corresponding part number or material number may be obtained from the second source BOM data. A master BOM may be created based on mapping of the master BOM table to the second source BOM data.

No. of Pages: 46 No. of Claims: 20

(21) Application No.252/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : MAGNETIC RESONANCE IMAGING SYSTEM WITH A MULTI CHANNEL IMPEDANCE MATCHING NETWORK

(51) International classification (31) Priority Document No	:G01R33/36 :11172468.8	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:04/07/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/053145	(72)Name of Inventor:
Filing Date	:21/06/2012	1)FINDEKLEE Christian
(87) International Publication No	:WO 2013/008116	2)VERNICKEL Peter
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The Magnetic Resonance Imaging (MRI) system includes a radio frequency transmitter with multiple transmit channels. The MRI system includes an impedance matching network (320 1402 1502 1602) for matching the radio frequency transmitter to a remotely adjustable radio frequency antenna (310 1504 1602) with multiple antenna elements (312 314 316 318 1404). The MRI system includes a processor (336) for controlling the MRI system. The execution of the instructions by the processor causes it to: measure (100 200) a set of radio frequency properties (352) of the radio frequency antenna calculate (102 202) a matching network command (354) using the set of radio frequency properties and a radio frequency model (366) and adjust (104 204) the impedance matching network by sending the matching network command to the impedance matching network thereby enabling automatic remote impedance matching.

No. of Pages: 54 No. of Claims: 15

(22) Date of filing of Application :01/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CONTROLLING CONTENTS IN ELECTRONIC DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G11B :10-2013- 0001743 :07/01/2013 :Republic of Korea :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant:129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea. (72)Name of Inventor: 1)Woo-Yong LEE 2)Yun-Son YOO 3)Sang-Heum CHO
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(57) Abstract:

A method and apparatus for playing contents in an electronic device. The method comprises displaying a reference image of a content, detecting an input, determining a playback scheme of the content corresponding to the input, and playing the content on the basis of the playback scheme corresponding to the input.

No. of Pages: 51 No. of Claims: 12

(22) Date of filing of Application :31/07/2012 (43) Publication Date : 13/03/2015

(54) Title of the invention: APPARATUS FOR REMOTELY CONTROLLING ELECTRICAL APPLIANCES

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)AIZYC TECHNOLOGY PVT LTD
(32) Priority Date	:NA	Address of Applicant :6TH FLOOR SAI GANESH
(33) Name of priority country	:NA	TOWERS, AYYAPPA SOCIETY 100FT RD, MADHAPUR,
(86) International Application No	:NA	HYDERABAD - 500 081 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SALLA MADHUSUDAN NAGA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to the invention, there is provided an apparatus for remotely controlling a plurality of electrical appliances, wherein the plurality of electrical appliances comprises at least one lamp.dimmer. The apparatus comprises a radio frequency (RF) control device connected between the plurality of electrical appliances and a corresponding plurality of fixed electric switches, wherein the RF control device is configured to generate control signals for controlling electrical appliances based on user inputs received via a remote control device and triggering of the plurality of fixed electric switches; at least one relay device connected between the RF control device and the plurality of electrical appliances, wherein the at least one relay device is configured to turn on/off an electrical appliance based on a relay control signal received from the RF control device; and a dimmer control module connected between the RF control device and the at least one lamp dimmer for controlling brightness of the at least one lamp dimmer based on a triac control signal generated by the RF control device, wherein the RF control device generates the triac control signal based on zero cross detection of an input signal of the lamp dimmer, and user inputs received via the remote control device, and triggering of respective fixed electric switch.

No. of Pages: 15 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :10/01/2014

(21) Application No.245/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: VALUABLE FILE IDENTIFICATION DEVICE

(51) International classification (31) Priority Document No	:G07D7/20 :201210062147.4	(71)Name of Applicant: 1)GRG BANKING EQUIPMENT CO. LTD.
(32) Priority Date(33) Name of priority country	:09/03/2012 :China	Address of Applicant :9 Kelin Road Science City Luogang District Guangzhou Guangdong 510663 China
(86) International Application No		(72)Name of Inventor:
Filing Date	:26/10/2012	1)CHEN Guang
(87) International Publication No	:WO 2013/131375	2)LIANG Tiancai
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)WANG Kun 4)CHEN Dingxi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A valuable file identification device comprising a housing (1); a hollow transparent drum (21); an annular clamping belt (41) supported by at least two tension rollers (301 312) and pressing against the transparent drum (21) the outer surface of the annular clamping belt (41) and the outer surface of the transparent drum (21) forming a clamping and conveying channel for the valuable file and the length of the clamping and conveying channel being greater than that of the valuable file in the conveying direction; at least one information acquisition device (51) the information acquisition element of the information acquisition device (51) being adjacent to the inner surface of the transparent drum (21) facing at least a part of the outer surface of the annular clamping belt (41) and being fixed relative to the side wall (11 12) of the housing (1); and a power driven device respectively driving the transparent drum (21) and the annular clamping belt (41) to move synchronously in opposite directions.

No. of Pages: 19 No. of Claims: 10

(21) Application No.259/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD FOR GUIDING A HUMAN TO A REFERENCE LOCATION AND LIGHTING SYSTEM COMPRISING A PLURALITY OF LIGHT SOURCES FOR USE IN SUCH METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11172379.7 :01/07/2011 :EPO :PCT/IB2012/053017 :15/06/2012 :WO 2013/005122 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)VAN HERPEN Maarten Marinus Johannes Wilhelmus
Filing Date	:NA :NA	

(57) Abstract:

The invention provides a method for intuitively guiding a human to a reference location such as an emergency exit with a lighting system comprising a plurality of light sources along a pathway to the reference location. The lights shine with an intensity dependent upon the distance to the reference location in particular the intensity of the light increases with decreasing distance to the reference location. The location of the emergency can be determined through emergency sensors so that the intensity of the light sources is then controlled to lead away from the danger to the nearest safe exit.

No. of Pages: 18 No. of Claims: 15

(21) Application No.31/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CEILING ILLUMINATION WITH MOUNTINGS FOR PANELS

(51) International classification: F21S2/00,F21V7/00,F21V17/10 (71)Name of Applicant: 1)NOVOMATIC AG (31) Priority Document No :202011101714.5 (32) Priority Date Address of Applicant : Wiener Strasse 158 2352 :10/06/2011 (33) Name of priority country Gumpoldskirchen Austria :Germany (72)Name of Inventor: (86) International Application :PCT/EP2012/002407 1)CURIC Andrija :06/06/2012 Filing Date (87) International Publication :WO 2012/167923 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to an illuminating device for illuminating a region of a room in particular for illuminating a gaming machine island comprising a visible panel through which light can be transmitted and which consists at least partly of transparent material and comprising a panel retaining device which has retaining means for retaining the visible panel and fixing means for mounting the visible panel on a ceiling or on a wall. According to the invention the retaining means of the panel retaining device has at least three interconnected retaining arms which are arranged in the shape of a star and which retain at least two visible panel parts at the inner faces of the visible panel parts the inner faces of the visible panel parts bordering each other such that said visible panel parts together form a substantially continuous visible panel surface. The visible panel parts have free outer faces which are not retained by the retaining arms and which together form the outer circumference of the visible panel.

No. of Pages: 24 No. of Claims: 15

(22) Date of filing of Application :02/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : SHARING CONTROL SYSTEM AND METHOD FOR NETWORK RESOURCES DOWNLOAD INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:20/09/2012 :WO 2013/060210 :NA :NA	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant:Room 403 East Block 2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518044 China (72)Name of Inventor: 1)LIU Gang 2)LI Xiaokang 3)HUANG Yan
1 (01110 01	:NA :NA	,
Filing Date	:NA	

(57) Abstract:

Disclosed in the present invention are a sharing control system and method for network resources download information. The system comprises: microblog sharing interface server?sharing resources database and transfer server. The method comprises: receiving indication of sharing network resources and obtaining the unique identifier of the network resources by the microblog sharing interface server; generating the download link entry address and posting it to the microblog; storing the unique identifier of the network resources in the sharing resources database; determining by the transit server whether to allow downloading the network resources based on the corresponded download control conditions which are inquired from the sharing resources database according to the unique identifier of the clicked download link entry address; reversed calculating the unique identifier to get the source download link address of the network resources when downloading the network resources is allowed; sending the source download link address to the client that clicks the download link entry address. With the present invention the risk of transmission of the network resources download information can be effectively controlled.

No. of Pages: 26 No. of Claims: 12

(22) Date of filing of Application :06/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SECURE CLIENT AUTHENTICATION AND NETWORK SERVICE AUTHORIZATION

(51) International classification :H04L29/08,B60L11/18 (71)Name of Applicant : (31) Priority Document No :61/499562

(32) Priority Date :21/06/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/043415

Filing Date :20/06/2012

(87) International Publication No :WO 2012/177812

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)QUALCOMM INCORPORATED

Address of Applicant: 5775 Morehouse Drive San Diego

California 92121 U.S.A. (72)Name of Inventor:

1)KATAR Srinivas

2)YONGE III Lawrence W. 3)NEWMAN Richard E.

(57) Abstract:

Functionality for secure client authentication and service authorization in a shared communication network are disclosed. A managing network device of a communication network causes a securely connected client network device to perform an account authorization process with an accounting network device in parallel with a service matching process with the managing network device and one or more service providers of the communication network. The managing network device executes the service matching process and securely matches the client network device with one of the service providers. The accounting network device executes the account authorizing process with the client network device and provides a service voucher to the managing network device authorizing one or more of the service providers to service the client network device. The managing network device transmits the service voucher to the matched service provider to prompt the matched service provider to service the client network device.

No. of Pages: 63 No. of Claims: 33

(21) Application No.163/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: RECEIVING PART OF A COUPLING FOR A FLUID LINE

(51) International classification :F16L37/00,F16L37/098 (31) Priority Document No :10 2011 107 186.9 (32) Priority Date :14/07/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/062839 Filing Date :02/07/2012

(87) International Publication No :WO 2013/007552 (61) Patent of Addition to Application :NA

:NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant: 1)A. RAYMOND ET CIE

Address of Applicant :115 cours Berriat F 38000 Grenoble

(72)Name of Inventor: 1)FR..ULIN Christian 2)KURTH Martin 3)LAUX Oliver 4)SCHULZ Stefan 5)BLAU Andr

(57) Abstract:

An electric resonant circuit is provided in a receiving part of a coupling for a fluid line said resonant circuit interacting with a tuning device in a contactless manner. In an intermediate position of an insert part (2) said intermediate position differing from the closed position the resonant circuit has a resonant frequency that differs from the characteristic closure frequency and in the closed position the resonant circuit has the characteristic closure frequency. The tuning device acts on the inductance of the electric resonant circuit. An acting part (6) is provided that mechanically acts on the coil (5) when the insert part (2) is inserted into the receiving part (1) such that the shape of the coil (5) in the closed position differs from the shape of the coil (5) in the intermediate position.

No. of Pages: 23 No. of Claims: 10

(21) Application No.3573/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ENGINE MOUNTING ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B60G21/00 :NA :NA :NA :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil Nadu India (72)Name of Inventor: 1)SRIKANTH KAANCHI MOHAN 2)SARAVANAN SUBRAMANI 3)MOSALI NAGARJUN REDDY
(61) Patent of Addition to Application Number		2)SARAVANAN SUBRAMANI
(62) Divisional to Application Number Filing Date	:NA :NA	4)AROCKIA PUDUMAI JEYARAJ

(57) Abstract:

The present subject matter relates to a non-cradle type engine mounting arrangement for a three wheeled automotive vehicle comprising a front cross member 170, a rear cross member 180 and a suspension cross member 140. The front cross member 170 is supported on the suspension cross member 140 through a first resilient mounting structure 160 and a similar second resilient mounting structure 160. A front portion F of an engine 400 is supported on the front cross member 170. This arrangement ensures better serviceability of the resilient mounting structure 160 in less time and effort without dismounting the entire engine 400.

No. of Pages: 26 No. of Claims: 10

(21) Application No.3574/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A TRANSMISSION SYSTEM FOR A SADDLE TYPE VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:F16D43/00 :NA :NA	(71)Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAMADOSS SAMBATHKUMAR
(61) Patent of Addition to Application Number	:NA	2)CHITHAMBARAM SUBRAMONIAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a transmission system comprising a planetary gear mechanism, a centrifugal clutch and a one way clutch. The transmission system is rotatably supported on a clutch shaft and receives input through a driven sprocket. The centrifugal clutch is not engaged to a cylindrical hollow housing when the power unit speed is less than a transition speed, and is fully engaged to the housing when the power unit speed is more than the transition speed as to reduce the transmission ratio from the power unit to the clutch shaft. The housing substantially accommodates the constituents of the planetary gear mechanism within its hollow space.

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

(21) Application No.10298/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: INJECTION APPARATUS WITH NEEDLE HOUSING FOR DESENSITISING SKIN

(51) International :A61M5/24,A61M5/32,A61M5/42

classification .A01W3/24,A01W3/32,A01

(31) Priority Document No :1109620.3 (32) Priority Date :09/06/2011 (33) Name of priority country :U.K.

(86) International Application :PCT/GB2012/051163

No :24/05/2012

Filing Date .24/03/2012

(87) International Publication :WO 2012/168691

(61) Patent of Addition to
Application Number
:NA
:NA

Filing Date
(62) Divisional to Application
Number
:NA
:NA

Filing Date

(71)Name of Applicant:

1)ARDEHALI Massoud Hosseini

Address of Applicant :36 Warnford Road Chelsfield Kent

BR6 6LW U.K.

(72)Name of Inventor:

1)ARDEHALI Massoud Hosseini

(57) Abstract:

A needle housing (115) having a distal end which is removably con nectable to a source of injectable fluid (110) and a proximal end (80) for contacting a patient as well as to an injection apparatus comprising the needle housing. The needle housing comprises (a) a hollow needle through which the injectable fluid is deliverable to the patient the needle having a proximal end for insertion into body tissue of the patient and (b) a chamber (75) having an open proximal end the chamber surrounding at least part of the needle and extending proximally beyond the proximal end of the needle to the open proximal end. The open proximal end of the chamber is deformable and is moveable relative to the needle from a position in which the chamber extends proximally beyond the proximal end of the needle to a position in which the proximal end of the needle extends proximally through the open proximal end of the chamber.

No. of Pages: 42 No. of Claims: 22

(21) Application No.106/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CONVERTING PHOTON ENERGY TO ELECTRICAL **ENERGY**

(51) International :B82Y20/00,B82Y15/00,H01L31/0352 classification

:U.S.A.

(31) Priority Document :13/172097

No

(32) Priority Date :29/06/2011 (33) Name of priority

country

(86) International

:PCT/FI2012/050567 Application No

:06/06/2012 Filing Date

(87) International

:WO 2013/001153 **Publication No**

(61) Patent of Addition to Application Number

:NA :NA Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant: 1)NOKIA CORPORATION

Address of Applicant : Keilalahdentie 4 FI 02150 Espoo

Finland

(72)Name of Inventor:

1)COLLI Alan

(57) Abstract:

In accordance with an example embodiment of the present invention an apparatus comprising a nanopillar (36) and a graphene film (15) the graphene film (15) being in contact with a first end of the nanopillar (36) wherein the nanopillar (36) comprises a metal the contact being configured to form an intrinsic field region (26) in the graphene film (15) and wherein the apparatus (11) is configured to generate a photocurrent from a photogenerated charge carrier in the intrinsic field region (26).

No. of Pages: 12 No. of Claims: 16

(21) Application No.219/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BISCUIT DOUGH

(51) International :A21D13/02,A21D13/08,A21D2/18 classification

(31) Priority Document No :11290278.8 :20/06/2011 (32) Priority Date

(33) Name of priority country:EPO

(86) International Application: PCT/EP2012/061891

:20/06/2012 Filing Date

(87) International Publication :WO 2012/120156

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)GENERALE BISCUIT

Address of Applicant: 3 Rue Saarinen F 94150 Rungis France

(72)Name of Inventor: 1)WAHL Robin 2)AYMARD Pierre 3)LANVIN Lionel

4)ARLOTTI Agathe

(57) Abstract:

The present disclosure relates to a dough for producing a biscuit having a slowly digestible starch over total available starch ratio of at least 31% the biscuit comprising at least 29wt% cereal flour 5 to 22wt% fat and at most 30wt% sugar relative to the total weight of the biscuit the dough comprising: cereal flour fat sugar and added water; and wherein the added water is in an amount of at most 8wt% relative to the weight of dough.

No. of Pages: 50 No. of Claims: 24

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A SYSTEM AND METHOD TO PREVENT REDUCTION OF TEMPERATURE IN A PRIMARY EXHAUST PATH

(51) International classification	·F01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions
(32) Priority Date	:NA	Limited
(33) Name of priority country	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(86) International Application No	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DONAKONDA Ramakrishna
Filing Date	:NA	2)RAMALINGAM Balaji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An exhaust system for an internal combustion engine (10) is disclosed. The exhaust system comprising a primary exhaust path (20) for guiding exhaust gas received from said engine (10) through a catalytic converter (22) located in said exhaust path (20), said exhaust system characterized in that a bypass exhaust path (30) comprising an inlet (31) and an outlet (32), said inlet (31) connected to said primary exhaust path (20) upstream said catalytic converter (22) and said outlet (32) connected to said primary exhaust path (20) downstream said catalytic converter (22) and a control valve (34) located upstream the catalytic converter connecting said inlet (31) of said bypass exhaust path (30) to guide exhaust gas through said bypass exhaust path (20).

No. of Pages: 10 No. of Claims: 9

(21) Application No.3901/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN OVERFLOW VALVE IN A METERING UNIT

(51) International classification	·F16F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHINNAN Jacob Arimboor
(61) Patent of Addition to Application Number	:NA	2)MANI Shilpa
Filing Date	:NA	3)DIAFERIA Antonio
(62) Divisional to Application Number	:NA	4)HALESHA Gowda Prakash
Filing Date	:NA	5)GANESHAN Arun Kumar

(57) Abstract:

Disclosed herein is an overflow valve in a metering unit. The overflow valve comprises a housing 100 having an inlet 102 and at least one outlet 104, a plug 106 disposed within the housing 100. The overflow valve is characterized in having a spring 108 and a reciprocating member 110. The reciprocating member 110 is located at the interface of the inlet 102 and the outlet 104 and is coaxial with the inlet 102 and the plug 106. The spring 108 is located in the housing 100 in a manner such that one end of said spring 108 abuts the plug 106 and the other end of the spring 108 is in contact with the reciprocating member 110.

No. of Pages: 11 No. of Claims: 4

:NA

(21) Application No.216/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INKJET PRINTHEAD DEVICE FLUID EJECTION DEVICE AND METHOD THEREOF

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B41J2/175,B41J2/125,B41J2/14 :. :09/01/2014 :Argentina :PCT/US2011/057515 :24/10/2011 :WO 2013/062518	(71)Name of Applicant: 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant:11445 Compaq Center Drive W. Houston Texas 77070 U.S.A. (72)Name of Inventor: 1)VAN BROCKLIN Andrew L. 2)GHOZEIL Adam L. 3)ANDERSON Daryl E.
(61) Patent of Addition toApplication NumberFiling Date(62) Divisional to ApplicationNumber	:NA :NA	

(57) Abstract:

Filing Date

An inkjet printhead device fluid ejection device and method thereof are disclosed. The fluid ejection device includes a fluid supply chamber to store fluid an ejection chamber including a nozzle and a corresponding ejection member to selectively eject the fluid through the nozzle and a channel to establish fluid communication between the fluid supply chamber and the ejection chamber. The fluid ejection device also includes a pressure sensor unit having a sensor plate to output a voltage value corresponding to a cross sectional area of an amount of fluid in the at least ejection chamber.

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

(12) TATENT ATTLICATION TODLICATION

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: FUEL CELL PLATE AND FUEL CELL

(31) Priority Document No :11 56 (32) Priority Date :08/07 (33) Name of priority country :Franc (86) International Application No :PCT/I Filing Date :09/07	Address of Applicant : Avenue Louis Philibert Bt. Jules Verne Domaine du Petit Arbois F 13547 Aix en Provence France (72)Name of Inventor:
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(21) Application No.232/CHENP/2014 A

(57) Abstract:

(19) INDIA

The invention relates to a plate (4 40) for a fuel cell consisting of a stack (4 40) of plates and membrane/electrode assemblies (6) said plate including at least one striated sealing surface (30 44) for sealingly bearing against a membrane/electrode assembly (6) or against another fuel cell plate (40). The plate is a bipolar plate a monopolar plate or a basic plate of such a bipolar or monopolar plate.

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

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR DETECTING A COMPONENT IN A FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor: 1)MAITY, SANDIP 2) RAYOORI SETHUMADHAVAN, NAGAPRIYA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)CHOUDHURY, NILOY

(57) Abstract:

A method for detecting of components in a fluid includes emitting a modulated light beam from a modulated light source to the fluid in a chamber, wherein the fluid comprises a liquid and a component in the liquid. The method includes producing an acoustic signal in response to the emitted modulated light beam and detecting the acoustic signal via a pressure sensor disposed in the chamber. The method in one example also includes transmitting the acoustic signal from the pressure sensor to a processor based module and determining at least one of a component and a concentration of the component in the fluid via the processor based module, based on the acoustic signal.

No. of Pages: 37 No. of Claims: 23

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND SYSTEM FOR DETECTING COMPONENTS IN A FLUID

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	NA NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor: 1)KAVOORI SETHUMADHAVAN, NAGAPRIYA 2)MAITY, SANDIP 3)CHOUDHURY, NILOY
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(57) Abstract:

A system and a method for detecting of components in a sample fluid includes a first chamber having a sample fluid and a second chamber coupled to the first chamber, wherein the second chamber has a reference fluid. The system includes a modulated light source for emitting a modulated light beam to the sample fluid and the reference fluid, to generate a first acoustic signal in the first chamber and a second acoustic signal in the second chamber. The system further includes a pressure sensor disposed between the first chamber and the second chamber, for detecting a difference between the first acoustic signal and the second acoustic signal. The system includes a processor based module communicatively coupled to the pressure sensor and configured to receive a signal representative of the difference and determine at least one of a component and the concentration of the component in the sample fluid.

No. of Pages: 34 No. of Claims: 19

(21) Application No.3916/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PACKAGE TESTING

(51) International classification	:G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Axiom Consulting Private Limited
(32) Priority Date	:NA	Address of Applicant :307, Shree Chambers, 1st Floor, 100
(33) Name of priority country	:NA	Feet Ring Road, Banashankari 3rd Stage, Bangalore 560 085
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Arcot Chandrasekhar Jagannath
(61) Patent of Addition to Application Number	:NA	2)Giridhar Lakshminarayana
Filing Date	:NA	3)Rao Satya Simha
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter discloses systems and methods for managing patents in an enterprise. In one implementation, the method includes, performing one or more tests simulation on a package utilizing a plurality of tests environments and input data. Further, the method includes, evaluating the package based an evaluation criterion to identify a safe package, wherein the evaluation criterion includes a pass/fail criteria.

No. of Pages: 22 No. of Claims: 13

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A REFRIGERATOR DOOR SWITCH WITH AN INTEGRATED LIGHT SOURCE

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant : 1)Robert Bosch Engineering and Business Solutions
(32) Priority Date (33) Name of priority country	:NA :NA	Limited Address of Applicant :123, Industrial Layout, Hosur Road,
(86) International Application No	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA
Filing Date	:NA	2)Bosch und Siemens Hausgerte GmbH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MODI Ashish
Filing Date	:NA	2)KANDASAMY Thirumurugan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a refrigerator door switch (100) for automatically switching the refrigerator compartment light ON and OFF. The door switch (100) includes a housing (101) within which a plunger member (102) resides. The plunger member (102) is biased by an elastic element which causes the plunger member (102) to be normally released out of the housing (101) when the door is open and to be depressed and enclosed within the housing (101) when the door is closed. A light source (103) is integrated with the plunger member (102) of the door switch (100) and moves in and out of the housing (101) with the plunger (102), thus illuminating the refrigerator compartment when the light source (103) is pushed out of the housing when the door is opened.

No. of Pages: 8 No. of Claims: 7

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: Method And Apparatus For Cloud Identification In Aerial Images

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SASTRA University Address of Applicant: Tirumalaisamudram, Thanjavur 613 401, Tamil Nadu, India (72)Name of Inventor: 1)VAITHIYANATHAN, V.
(61) Patent of Addition to Application Number	:NA :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention relates to a method for identification of clouds in an aerial image. The method includes receiving an aerial image comprising a plurality of objects, forming two modified aerial images having light coloured objects and dark coloured objects. A set of features corresponding to the objects from the at least two modified aerial images is detected and extracted. The features of the at least two modified aerial images are then mapped to create a plurality of object pairs. At least one object pair is shortlisted from the plurality of object pairs. A mean distance between the objects in respect of the shortlisted object pairs is determined and the modified aerial image comprising the at least one shadow is displaced by the mean distance. The modified aerial image comprising the cloud is superposed over the displaced modified image to determine at least one cloud position.

No. of Pages: 40 No. of Claims: 13

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : SYSTEM FOR IMPROVING VISIBILITY OF WEBPAGES OF RETAIL STORES IN ONLINE SEARCHES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOVINGFLOATS TECHNOLOGIES
(32) Priority Date	:NA	Address of Applicant :#5D, TEN MADHAPUR, PLOT NO.
(33) Name of priority country	:NA	10, SECTOR 1, MADHAPUR, HYDERABAD - 500 081 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. RONAK KUMAR SAMANTRAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for improving visibility of one or more webpages of one or more retail stores in online searches is provided. The system includes one or more client devices associated with the retail stores, and a data processing arrangement coupled in communication with the client devices. The data processing arrangement is operable to receive one or more store-specific messages from a given client device associated with a given retail store, and is then operable to process the store-specific messages to create and/or update a given webpage of the given retail store. Moreover, the data processing arrangement is operable to parse the store-specific messages to extract one or more keywords, and is operable to provide the keywords in the given webpage. This enables keyword-based searching of the given webpage of the given retail store in the online searches.

No. of Pages: 30 No. of Claims: 10

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR GENERATING ORTHOGONAL CODES WITH WIDE RANGE OF SPREADING FACTORS

(51) International classification	·H04113/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS PVT
(32) Priority Date	:NA	LTD
(33) Name of priority country	:NA	Address of Applicant :BAGMANE LAKEVIEW, BLOCK B,
(86) International Application No	:NA	NO. 66/1, BAGMANE TECH PARK, CV RAMAN NAGAR,
Filing Date	:NA	BYRASANDRA, BANGALORE - 560 093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SUJIT JOS
Filing Date	:NA	2)JINESH PARAMESHWARAN NAIR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and apparatus to generate two sets of orthogonal codes with each set containing approximately equal to one-third of the spreading factor is disclosed. The method provides wide range of spreading factors and assumes any value for which a two-level autocorrelation sequence of period one less than the desired spreading factor exists. In the context of Zero Correlation Zone (ZCZ) sequences, the constructed sequences have an interference free window of 1, i.e. the autocorrelation side lobes are zero at lag of ± 1 and the cross correlation is zero within lags of ± 1 including zero.

No. of Pages: 24 No. of Claims: 20

(21) Application No.10328/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PROCESS FOR REFORMING HYDROCARBONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PA 2011 00485 :29/06/2011 :Denmark	(71)Name of Applicant: 1)HALDOR TOPS~E A/S Address of Applicant:Nym¸llevej 55 DK 2800 Kgs. Lyngby Denmark (72)Name of Inventor: 1)AASBERG PETERSEN Kim 2)CHRISTENSEN Seier Peter 3)CHRISTENSEN Sandahl Thomas
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(57) Abstract:

The invention relates to a process for the production of synthesis gas by the use of autothermal reforming in which tail gas from downstream Fischer Tropsh synthesis is hydrogenated and then added to the autothermal reforming stage.

No. of Pages: 33 No. of Claims: 21

(22) Date of filing of Application: 27/12/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: STABILIZED FORMULATIONS CONTAINING ANTI PCSK9 ANTIBODIES

(51) International classification :A61K39/395,C07K16/40 (71)Name of Applicant :

(31) Priority Document No :61/512666 (32) Priority Date :28/07/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/048574 Filing Date :27/07/2012

(87) International Publication No :WO 2013/016648

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA

1) REGENERON PHARMACEUTICALS INC.

Address of Applicant: 777 Old Saw Mill River Road Tarrytown NY 10591 U.S.A.

(72)Name of Inventor:

1)WALSH Scott 2)DIX Daniel

(57) Abstract:

The present invention provides pharmaceutical formulations comprising a human antibody that specifically binds to human proprotein convertase subtilisin/kexin type 9 (PCSK9). The formulations may contain in addition to an anti PCSK9 antibody at least one amino acid at least one sugar or at least one non ionic surfactant. The pharmaceutical formulations of the present invention exhibit a substantial degree of antibody stability after storage for several months.

No. of Pages: 76 No. of Claims: 56

(21) Application No.262/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PROCESS FOR PREPARING 2 2 DIFLUOROETHANOL

(51) International :C07C29/128,C07C31/38,C07C67/10 classification

(31) Priority Document No :11174510.5 (32) Priority Date :19/07/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/063898 Application No

:16/07/2012 Filing Date

(87) International

:WO 2013/010985 **Publication No**

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Str. 10 40789 Monheim

Germany

(72)Name of Inventor:

1)MLLER Thomas Norbert

2)LUI Norbert

3)MOCZARSKI Stefan

(57) Abstract:

A process for preparing 2 2 difluoroethanol comprises the following steps: reacting 1 chloro 2 2 difluoroethane with an alkali metal salt of formic acid or acetic acid in a suitable solvent to give the corresponding 2 2 difluoroethyl formate or 2 2 difluoroethyl acetate and transesterifying the 2 2 difluoroethyl formate or 2 2 difluoroethyl acetate from step (i) in the presence of an alcohol and optionally of a base.

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

(22) Date of filing of Application :14/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: UNIQUELY IDENTIFYING TARGET FEMTOCELL TO FACILITATE ACTIVE HAND IN

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA :H04W36 :61/51570 :U.S.A. :PCT/US2 :03/08/20 :WO 2013 :NA :NA	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)DAS Soumya
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(57) Abstract:

A method for macrocell to femtocell hand in includes: communicating a non directed proximity request message from a femto proxy system (290) over an out of band OOB channel (670) the proximity request message configured to be received by any of a plurality of access terminals (115) when in proximity to the femto proxy system (290) the femto proxy system (290) comprising an OOB radio and a femtocell (230) communicatively coupled with a core network element (640); receiving a proximity response message over the OOB link (670) from an access terminal (115) of the plurality of access terminals (115) in response to the proximity request message the proximity response message indicating that the access terminal (115) is in proximity to the femto proxy system (290); communicating a presence indication from the femtocell (230) to a core network element (640) indicating proximity of the access terminal (115) to the femtocell (230); and facilitating active hand in of the access terminal (115) from a source macrocell (105) of a macro network (100) to the femtocell (230).

No. of Pages: 91 No. of Claims: 48

(21) Application No.3877/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A SUPERCHARGER FOR AN ENGINE

(51) International classification	:F02B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GANGADHAR Charan Nimbehalli
(61) Patent of Addition to Application Number	:NA	2)MURALEEDHARAKURUP Girish
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein is a supercharger 100 for an engine 102. The supercharger 100 mounted along the inlet path of the engine 102, such that output from the said supercharger 100 is fed into the inlet of the engine 100. The supercharger 100 is characeterized in having the inlet in communication with an exhaust gas recirculation path 104.

No. of Pages: 7 No. of Claims: 4

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD TO EXTEND THE MOBILE DISPLAY WITH OTHER MOBILE DEVICE USING FINGER PRINT SCANNER

(57) Abstract:

A method and system for extending display content across multiple display devices over a network using fingerprint of a user by registering fingerprints of the user in a master device and allowing the user to perform an action on the master device. Further, the method enables the master device to broadcast a first key to one or more slave devices after authorizing the user and generating the first key based on a polarity of a hand performing the user action on the master device and considering a relative location of the slave device. Further, the master device extends the display content to one or more identified slave devices within the network after establishing connection between the master device and one or more slave devices.

No. of Pages: 39 No. of Claims: 24

(21) Application No.134/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYNCHRONIZED UPLINK DOWNLINK HOP FOR MEASUREMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W72/08 :61/504083 :01/07/2011 :U.S.A. :PCT/US2012/044666 :28/06/2012 :WO 2013/006380 :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)GAAL Peter 2)BARBIERI Alan
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of wireless communication is provided which includes communicating with a base station on a first channel and tuning to a second channel concurrently with the base station tuning to a second or third channel. The method also includes measuring interference on the second channel and re tuning to the first channel concurrently with the base station re tuning to the first channel. The method further includes reporting channel quality based on the interference to the base station to enable channel selection.

No. of Pages: 44 No. of Claims: 32

(22) Date of filing of Application :07/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: DRUG DELIVERY INJECTION PEN WITH ADD ON DOSE CAPTURING AND DISPLAY **MODULE**

(51) International :A61M5/24,A61M5/315,G06F19/00 classification

:NA

:11173080.0 (31) Priority Document No (32) Priority Date :07/07/2011

(33) Name of priority :EPO

country

(86) International

:PCT/EP2012/063350 Application No :09/07/2012 Filing Date

(87) International

:WO 2013/004844 Publication No

(61) Patent of Addition to Application Number

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)NOVO NORDISK A/S

Address of Applicant :Novo All DK 2880 Bagsv|rd Denmark

(72)Name of Inventor: 1)NIELSEN Ole Christian 2)S~RENSEN Morten 3)MADSEN John "stergaard

4)TIPSMARK Claus

(57) Abstract:

Drug injection device (400) comprising expelling means for expelling an amount of drug from a reservoir the expelling means comprising setting means (411) allowing a user to set a dose to be expelled and actuation means (413) for releasing the drug expelling means to expel the set dose. The actuation means comprises an actuation member adapted to be moved between an initial position an intermediate position and an actuated position in which the expelling means is actuated to expel the set dose. The device further comprises an electronically controlled capturing system (420) for capturing data representing the amount of drug expelled from the reservoir by the expelling means and switch means for starting initialization of the capturing system when the actuation member is moved to its intermediate position.

No. of Pages: 31 No. of Claims: 15

(21) Application No.256/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: INTRA OPERATIVE IMAGE CORRECTION FOR IMAGE GUIDED INTERVENTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/503666 :01/07/2011 :U.S.A. :PCT/IB2012/053238 :27/06/2012 :WO 2013/005136	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)HALL Christopher Steven 2)JAIN Ameet Kumar
	:WO 2013/005136 :NA :NA :NA :NA	2)JAIN Ameet Kumar

(57) Abstract:

An imaging correction system includes a tracked imaging probe(132) configured to generate imaging volumes of a region of interest from different positions. An image compensation module (115) is configured to process image signals from a medical imaging device associated with the probe and to compare one or more image volumes with a reference to determine aberrations between an assumed wave velocity through the region of interest and a compensated wave velocity through the region of interest. An image correction module(119)is configured to receive the aberrations determined by the image compensation module and generate a corrected image for display based on the compensated wave velocity.

No. of Pages: 23 No. of Claims: 25

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELECTROMAGNETIC INTERFERENCE (EMI) TEST APPARATUS

(51) International classification(31) Priority Document No(32) Priority Date	:G01R31/00 :NA :NA	(71)Name of Applicant: 1)DELPHI TECHNOLOGIES, INC. Address of Applicant: LEGAL STAFF, P.O. BOX 5052,
(33) Name of priority country	:NA	MAIL CODE: 483-400-402, TROY, MICHIGAN 48007-5052
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S. VINEESH
(61) Patent of Addition to Application Number	:NA	2)JOHNSON, BRIAN W.
Filing Date	:NA	3)VIJAYARAJ, ASHOK KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A radio-frequency (RF) energy coupling apparatus (12) for electromagnetic interference (EMI) susceptibility testing of a device (14). The apparatus (12) includes a ground-plane (28), a micro-strip (30), a first dielectric layer (32), a coupling-strip (44), and a second dielectric layer (52). The micro-strip (30) overlies the ground-plane (28). The first dielectric layer (32) is interposed between the ground-plane (28) and the micro-strip (30). The combination of the ground-plane (28), the micro-strip (30), and the first dielectric layer (32) cooperate to form a micro-strip transmission line (40) configured to propagate RF energy from a RFgenerator (16) to a termination load (18). The coupling-strip (44) overlies the micro-strip (30) opposite the first dielectric layer (32). The coupling-strip (44) is configured to couple RF energy from the micro-strip (30) to a harness wire (24A) connected to the device (14). The second dielectric layer (52) is interposed between the coupling-strip (44) and the micro-strip (30).

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

(21) Application No.220/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: HEALTHY LAYERED COOKIE

(51) International :A21D2/18,A21D13/02,A21D13/08 classification

(31) Priority Document No :11290278.8 (32) Priority Date :20/06/2011

(33) Name of priority country:EPO

(86) International Application: PCT/EP2012/061888

:20/06/2012 Filing Date

(87) International Publication :WO 2012/120155

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant: 1)GENERALE BISCUIT

Address of Applicant: 3 rue Saarinen F 94150 Rungis France

(72)Name of Inventor: 1)LANVIN Lionel 2)VEREL Aliette 3)ARLOTTI Agathe

(57) Abstract:

The disclosure concerns a method for producing a layered cookie comprising at least one biscuit and a filling the layered cookie containing 10 wt% to 25 wt% fat and 15 wt% to 40 wt% sugar wherein the slowly digestible starch over total available starch ratio of the layered cookie is at least 31 wt% the method including; forming a dough comprising a cereal flour fat sugar and at most 8 wt% added water relative to the total weight of the dough; moulding the dough into the shape of a biscuit; baking the biscuit; and assembling the biscuit with a filling to form a layered cookie; wherein the cereal flour comprises refined cereal flour in an amount of at least 21 wt% over the total weight of the dough with a water absorption under 55 % as measured by Brabender® Farinograph®.

No. of Pages: 39 No. of Claims: 17

(21) Application No.3926/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: HIGHLY DURABLE ENGINE MOUNT RUBBER COMPOSITION

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NA	(71)Name of Applicant: 1)ASHOK LEYLAND LIMITED Address of Applicant: NO. 1, SARDAR PATEL ROAD, GUINDY, CHENNAI 600 032 Tamil Nadu India (72)Name of Inventor: 1)C. VENKATESAN 2)S. RAVISHANKAR 3)C. RAJKUMAR
Filing Date :NA (62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

Highly Durable Engine Mount Rubber Composition and a Process for its Manufacture The present invention relates to a highly durable engine mounting rubber composition having improved physical properties and a method for its manufacture.

No. of Pages: 26 No. of Claims: 24

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PORTABLE SYSTEM FOR COLLECTING A DUST FROM A DUST PRODUCING MACHINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A47L :NA :NA :NA	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant: 3M CENTER, P O BOX 33427, SAINT PAUL MN 55133-3427 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MACHAMA, NAVEN
(87) International Publication No	: NA	2)THAKUR, RAJU BIKRAM SINGH
(61) Patent of Addition to Application Number	:NA	3)ARELEKATTI, VENKATA NARAYANA MURTHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A portable system (200) for collecting a dust from one or more dust producing devices or arrangement (204A-B) is provided. The portable system includes a compressed air generating unit (202) for generating compressed air, a venturi unit (206) which is configured to connect the compressed air generating unit and at least one of the one or more dust producing devices or arrangement and a cyclone separator (212) which is connected to the venturi unit. The venture unit creates a suction using the compressed air. The suction collects the dust from the one or more dust producing machines and mixes the compressed air and the dust. The cyclone separator receives the dust and the compressed air and releases the compressed air by separating the dust.

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

(22) Date of filing of Application :06/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONCEPT OF CAM OPERATED MULTI STATION SHEET METAL FORMING DIES

(51) International classification	·R21D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)C.N. ASHOK KUMAR
(32) Priority Date	:NA	Address of Applicant :SELVA GARDEN, 2, KANNAKI
(33) Name of priority country	:NA	STREET, MUTHAMIZH NAGAR, THANJAVUR - 613 007
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)C.N. ASHOK KUMAR
(61) Patent of Addition to Application Number	:NA	1) OIL WILDING IN THE IVALIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a concept in the design and operation of the sheet metal forming dies. Most particularly, it relates to transfer die, tandem die and combinations die. Normally the vertical applied force (P) by press ram is used as a Punch force (F) to carry out sheet metal forming operations (Refer figure 1). In this present invention, the vertical applied force is converted into many horizontal punch forces by means of a Cam. Figure 2 shows that the vertical applied force is converted into two horizontal punch forces (Fl & F2) by a wedge shaped cam (1). Each horizontal force is used to complete separate sheet metal forming operations. In figure 3, a wedge shaped cam is moving in the vertical direction and pushes the Sliding blocks (2) in the horizontal direction. Each sliding block is having the punch (3) and completes the operation with the die (5) which is placed in the vertical direction. Each station consists of Sliding block, Punch and Die. The additional punches (13) can also be mounted on the top plate (10) (Refer figure 4). By using this concept many number of jobs (two, three, four, five and so on) can be completed simultaneously in a single stroke of the press ram. This concept will increase the productivity in sheet metal forming.

No. of Pages: 9 No. of Claims: 4

(22) Date of filing of Application :02/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : MOBILE GROUP BUYING METHOD PLATFORM AND MACHINE READABLE STORAGE MEDIUM

(51) International classification	:G06Q30/06	(71)Name of Applicant:
(31) Priority Document No	:201210002896.8	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:06/01/2012	LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No	:PCT/CN2012/087974	Zhenxing Road Futian District Shenzhen Guangdong 518044
Filing Date	:31/12/2012	China
(87) International Publication No	:WO 2013/102422	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SUN Liang
Number		2)DENG Huifang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a mobile group buying method comprising: a location based service (LBS) platform receiving a group forming request initiated by any mobile user; and the LBS platform sending a group forming invitation to a mobile user whose geographical location meets a requirement recording a mobile user who accepts the invitation and when the number of the recorded mobile users reaches a preset threshold launching a corresponding group buying service. Further disclosed is a mobile group buying platform. The solution is capable of enhancing the accuracy of information pushing.

No. of Pages: 19 No. of Claims: 17

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR CONFIGURING A CONTROLLER PROGRAM IN A PLC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant: 35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France (72)Name of Inventor: 1)ASHUTOSH GUPTA 2)AJITH CHATHANATH
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)AJITH CHATHANATH

(57) Abstract:

A method for configuring a new controller program in a Programmable Logical Controller (PLC) is provided. The method includes (a) configuring, at a programming unit, the new controller program using one or more configuration programs and one or more logical programs stored in a database, (b) extracting, at a program extracting unit, an existing controller program running in the PLC, (c) comparing, at a program comparing unit, the new controller program and the existing controller program, (d) displaying, at a display, one or more changes in the new controller program with respect to the existing controller program in a granular level, (e) receiving a first input to select at least one change from the one or more changes, and (f) configuring an updated controller program in the PLC. The updated controller program comprises the new controller program and at least one change selected in the first input.

No. of Pages: 21 No. of Claims: 4

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ADAPTIVE CONTACT PRESSURE FRICTION DRIVE IN WIND TURBINE

(51) Intermetional elegation	.E02D11/00	(71)Nome of Applicant
(51) International classification	:FU3D11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO:6, NEW NO:62, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(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 a wind turbine with centrifugal force based adaptive contact pressure friction drive system for progressively providing a relative speed between main driving means (1) and rolling means (2) with respect to centrifugal force and eliminating a variable slip while power generation. The main driving means of the rotor assembly having a static means (lb) and flexible means (la). The flexible means (la) provides the contact pressure on the rolling means (2) with respect to centrifugal force. Plurality of mass members (8) provided above the flexible means (directly or via hinge point of static means) for providing variable contact pressure on the rolling means (2). Variable contact pressure means, in lower rpm/speed and higher rpm/speed corresponding optimum/required contact pressure only applied on main driving means (1) and rolling means (2) even in variable turbine speed condition. So, changes in turbine speed cannot affect the performance and efficiency of the mechanical power transmission and power generation of the wind turbine.

No. of Pages: 19 No. of Claims: 8

(22) Date of filing of Application :03/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : DESIGNING AND FABRICATING A NOVEL TAPPING KNIFE FOR THE INNOVATIVE IUT RUBBER TAPPING TECHNOLOGY BY INCISION METHOD FOR ENSURING BETTER GIRTHING AND INCREASED LIFE EXPECTANCY OF THE TREES IN ADDITION TO THE OTHER BENEFITS ACHIEVED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)L. THANKAMNA Address of Applicant:SAMANUAYA, HOUSE NO. TC 6/751 (1), THURUVICKAL PO, ULLOOR, TRIVANDRUM - 695 031 Kerala India (72)Name of Inventor: 1)L. THANKAMNA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)L. THANKAMNA

(57) Abstract:

Designing and fabricating of a novel rubber tapping knife to be used for the INNOVATIVE INCLINED UPWARD TAPPING TECHNOLOGY BY INCISION METHOD FOR ENSURING SUBSTANTIALLY HIGHER YIELD, ELIMINATION OF TAPPING PANEL DRYNESS AND BARK INFECTIONS AND ALSO FOR BETTER GIRTHING OF THE TREES. A hitherto unreported tapping knife to be used for carrying out Inclined Upward Tapping for ensuring substantially high rubber yield total elimination of Tapping panel Dryness and Bark rot and also to ensure better health to the trees has been designed and got fabricated for the purpose of carrying the operation by INCISION METHOD. This incision knife made of iron 18.4 cm long with a wooden handle and the blade curved in outline is fixed on the tip of the rod so that the tip of the blade is at an angle of 95 degrees to the rod. The dead and dried up outer bark of the tree is scraped and leveled using a scraper up to 1 m. height all-round from the collar region and marking is done at 25 cm height. Marking of the panel for tapping is in the same way as for IUT TAPPING. Two opposite straight lines are marked first at 25 cm height from base, then using the 7 degree template the two inclined lines towards the right are marked and connecting these two inclined lines using the conventional template 25 cm tall panel is marked. On this panel connecting the two inclined lines 25 parallel lines are drawn at 1 cm distance. Just below the first line, the Latex Spillage Preventing Device cut 1 cm smaller than the length of the cut has to be fixed so that the flat surface touches the bark surface and the channel like surface faces towards the top. On the right side the inclined line at the base is extended to 5 cm below and the spout is fixed and below that the collection cup is fixed as usual. The extreme tip of the knife is fixed at the extreme right end of the lower base line at D and it is inserted to some depth holding the handle by the left hand and the tip can be pressed in by few mild thuds using a wooden hammer. Once it touches the wood surface inside, the knife has to be drawn back on the inclined baseline CD pressing the knife as close to the bark surface as possible at the same time passing along the line drawn. Once it reaches the other end it can be taken out. The second day the same process can be repeated along a line in between the first and second lines. Thus the marked area will be sufficient for 50 tappings. Latex will immediately exude and flow down in parallel lines, reach the channel and flow down to the spout and will get collected in the cup. Next day the channel has to be cleaned by removing the dried up latex. The process of tapping has to be repeated. As the cut goes up the LS.P.D. will have to be raised and fixed at higher levels. Similarly once the marked area is over marking has to be carried out at higher levels. So by this additional incision technology the wounding is the same, but tissue loss is completely avoided thereby the healing process will be quicker and in addition to the immense benefits already reported in this case the stress and strain caused to the trees for bark renewal are totally prevented, a significant achievement indeed. Total prevention of all bark infections in addition to tapping panel dryness prevention all combined together will definitely add to higher health status of the tree and consequent longer economic life span of the tree and corresponding productivity as well.

No. of Pages: 17 No. of Claims: 2

(21) Application No.4018/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELECTRONIC DEVICE HAVING REDUCED WEIGHT

(51) International classification	:G06F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2200 MISSION COLLEGE BLVD.,
(33) Name of priority country	:NA	SANTA CLARA, CA 95052, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANAND V REDDY
(87) International Publication No	: NA	2)HARISH JAGADISH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques for building an electronic device are described herein. The techniques include a method includingforming a back skin to support system components. The method also includes forming a chassis structure having an opening to accommodate the system components. The chassis structure is secured to the back skin.

No. of Pages: 14 No. of Claims: 20

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR SENSING OF VISIBLE SPECTRUM AND NEAR INFRARED SPECTRUM

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number SN (88) International Publication No (89) International Publication No (89) International Publication No (89) International Publication No (80) Patent of Addition to Application Number	G06F JA
8	JA 4)Veldandi Muninder JA
Filing Date :N	NA

(57) Abstract:

In accordance with an example embodiment a method, apparatus and computer program product are provided. The method comprises filtering incident light by an IR cut-off filter to generate filtered light. The IR cut-off filter comprises a plurality of pixels with pass-band characteristics for visible light wavelengths and is configured to perform stop-band attenuation of near infrared (NIR) wavelengths. The stop-band attenuation is configured to vary based on spatial location of pixels within the IR cut-off filter. The filtered light received from the IR cut-off filter is sensed by the image sensor to generate sensed light. A baseband signal and a modulated NIR signal are determined by performing transformation of the sensed light. A NIR spectrum associated with the incident light is determined by demodulating the modulated NIR signal. A visible spectrum associated with the incident light is determined based on the NIR spectrum and the baseband signal.

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

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A METHOD FOR CONTENT AWARE MULTIMEDIA RESIZING

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview, Block B, No.
(33) Name of priority country	:NA	66/1, Bagmane Tech Park, CV Raman Nagar, Byrasandra,
(86) International Application No	:NA	Bangalore- 560093 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Nandan Hosaagrahara Shankaramurthy
(61) Patent of Addition to Application Number	:NA	2)Sanjay Narasimha Murthy
Filing Date	:NA	3)Pavan Sudheendra
(62) Divisional to Application Number	:NA	4)Rajaram Hanumantacharya Naganur
Filing Date	:NA	

(57) Abstract:

A method for content aware multimedia resizing is disclosed. The method obtains at least one ROI and identifies at least one non-ROI in an input multimedia along with their dimensions. Upon receiving target dimensions of an output media, the method calculates maximum possible output dimensions of the at least one ROI and output dimensions of at least one non-ROI. Further the method resizes the at least one ROI in the input multimedia uniformly by maintaining aspect ratio of the selected at least one ROI in the output multimedia same as that of the input multimedia. In addition to this, the method resizes the at least one non-ROI in the input multimedia nonlinearly by applying a resizing function.

No. of Pages: 43 No. of Claims: 28

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : SOLAR POWERED MOSQUITOES ATTRACTANT CUM KILLER FOR COMMUNITY BASED OUTDOOR APPLICATIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A01M1/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)B. RAJNIVAS Address of Applicant: NO-16 (OR) OLD, NO - 41/1, MURUGAN NAGAR, M.K. PALAYAM, COIMBATORE - 641 015 Tamil Nadu India
Filing Date (87) International Publication No	:NA : NA	2)S. DEVANEYAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor : 1)B. RAJNIVAS
Filing Date (62) Divisional to Application Number	:NA :NA	2)S. DEVANEYAN
Filing Date	:NA	

(57) Abstract:

The present invention discloses a system for attracting, trapping and killing the flies like mosquitoes in urban and sub urban areas. During evening time mosquitoes normally attracted by near the trees and plants because of C02. Present invention if placed nearby areas, the mosquito will be attracted in three ways, The first one is Mosquito attractant liquid [3] (at close range, blood-seeking mosquitoes are drawn to human and other mammals by a combination of odors from their skin and their breath), this liquid mimics human breath, From 100 feet away mosquitoes can smell this mosquito attractant liquid [3]. So it will easily help to attract the mosquitoes. The liquid [3] contain 30% of octenol or mushroom alcohol and 70% of other ingredient. Second way to attract the mosquitoes is UV Lamp [2] - it emits radiation between 300nm-400nm ranges of frequency. The application of this range of frequency is to trap the insects like mosquito. The flies eyes are made up of 100s of tiny hexagonal lenses, which form a curved lattice across of the eye. Unlike humans, flies can see ultraviolet light, due to the complex makeup of their eyes. In present invention the UV lamp [2] help to attract the mosquitoes far away from the unit. Third way to attract mosquitoes through 12V BLDC Axial fan [8] -when flies comes near the device the BLDC 12V Axial fan [8] sucks immediately into the trap area [1] and then attracted mosquitoes streamed to the electric shocking unit [4]. In Electric shocking unit all the mosquitoes and house flies killed by electric shock, which is driven from solar PV module [5] through batteries [7]. Loads like 2 nos of Axial fan [8], Mosquito attractant liquid [3] unit ,UV Lamp, LED Light are powered by solar PV modules [5].

No. of Pages: 5 No. of Claims: 7

(21) Application No.1503/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006 (43) Publication Date : 13/03/2015

(54) Title of the invention: SUPPLIER RELATIONSHIP MANAGEMENT PORTAL

(51) International classification	·G060	(71)Name of Applicant :
(31) Priority Document No	:NA	1)METRO CASH & CARRY INDIAN PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant: Survey No.26/3, 'A' Block Ward No.
(86) International Application No	:NA	9, Industrial Suburbs, Subramanyanagar, Bangalore 560 055.
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GARGA MANOJ KUMAR
Filing Date	:NA	2)VALIVETI VENKATA RAMANA
(62) Divisional to Application Number	:NA	3)LAKSHMINARAYAN
Filing Date	:NA	

(57) Abstract:

A system for supplier chain management, system comprising - a webserver; - connected to the various department access nodes; and the supplier access nodes connected to the system through world wide web .

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

(19) INDIA

(22) Date of filing of Application :14/01/2014

(21) Application No.295/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR IMPROVING COEXISTENCE OF SYNCHRONOUS AND ASYNCHRONOUS NODES IN A SYNCHRONOUS MAC SYSTEM

:H04W74/08 (51) International classification (31) Priority Document No :61/515557 (32) Priority Date :05/08/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/049795 Filing Date :06/08/2012 (87) International Publication No :WO 2013/022859

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant: 1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor:

1)WU Xinzhou

2)SUBRAMANIAN Sundar

3)LIU Shihuan

(57) Abstract:

A method an apparatus and a computer program product for wireless communication are provided. The apparatus may be configured to determine a plurality of slots for transmitting information including a plurality of first type slots and a plurality of second type slots where the second type slots have a longer duration that the first type slots. The apparatus may be configured to transmit information in a first type slot when a previous reception was successful and there is no other transmission expected to occur during a gap preceding the first type slot and during the first type slot. Additionally or in the alternative apparatus may be configured to transmit information in a second type slot when at least one of the previous reception was unsuccessful or there is another transmission expected to occur during a gap preceding the first type slot or during the first type slot.

No. of Pages: 34 No. of Claims: 44

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: BI-DIRECTION-LATITUDINAL SOLAR RADIATION HARVESTER

(51) International classification (31) Priority Document No	:F24J2/00 :NA	(71)Name of Applicant: 1)B. SHUANMUGARAJAN
(32) Priority Date	:NA	Address of Applicant :B. SHUANMUGARAJAN, #1,
(33) Name of priority country	:NA	SEVENTH STREET, PRABHU NAGAR, PERUMBAKKAM,
(86) International Application No	:NA	CHENNAI - 600 100 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)B. SHUANMUGARAJAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Bi- direction-latitudinal tracking of sun enables the mounted Photovoltaic panels to face Sun perpendicularly when the sun is its daily zenith and thereby produces optimum cost effective electricity per unit area. The S.R. Harvester(l) is tracking the sun on its annual latitudinal travel crossing equator and touching the tropics of cancer and Capricorn. The Solar Panels(2) are mounted on the Panel base structure(3) and secured by fasteners(4) with the standing column. Adjusting the fasteners periodically by manual or mechanical means we can track the son on its latitudinal movement. The size of the column(5), Panel base structure(3), fasteners(4), and rotary(6) can be fabricated to suit easy manual handling with out using heavy equipments. This B.S.R. Tracker is rugged and self sustaining and could be built at a much lower cost than conventional Trackers. Further they last long and hold the panel for the panels entire life time.

No. of Pages: 19 No. of Claims: 8

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : OPTIMIZED MECHANISM FOR ACTIVATING THE TRAILING EDGE ACTIVE FLAP ON THE MAIN ROTOR BLADE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B64C27/00 :NA :NA :NA :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)RWRDC HAL Address of Applicant: AGM (DESIGN) RWRDC, HAL OLD AIRPORT ROAD, VIMANAPURA, BANGALORE - 560 017 Karnataka India (72)Name of Inventor: 1)RWRDC HAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a linkage mechanism for converting the linear output from a piezoelectric actuator to the flapping motion of a trailing edge active flap has been designed/ optimized and the method of mounting the flap with the main rotor blade has been improved. The optimized design was carried out after validating a main rotor blade with trailing edge active flap system in the whirl tower test rig. The schematic model of the optimized mechanism is shown in Figure-2. A linkage mechanism optimized to convert the linear motion of the piezoelectric actuator (3) to the flapping motion of the trailing edge active flap is shown in Figure-3 & 4. A piezoelectric actuator shown in Figure-2 is used as an actuator for the actuating the trailing edge active flap. The mechanism designed to convert this linear motion of the piezoelectric actuator to an flapping motion of the trailing edge flap is explained below.

No. of Pages: 14 No. of Claims: 5

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD FOR INDICATING AN OPERATING CONDITION OF A MECHANICALLY CONTROLLED VALVE OF A FUEL SUPPLY SYSTEM

(51) International classification :G	06F (71)Name of Applicant :
(31) Priority Document No :N	1)Robert Bosch GmbH
(32) Priority Date :N	A Address of Applicant :Stuttgart, Feuerbach, Germany
(33) Name of priority country :N	A Germany
(86) International Application No :N	2)Robert Bosch Engineering and Business Solutions
Filing Date :N	A Limited
(87) International Publication No : N	A (72)Name of Inventor:
(61) Patent of Addition to Application Number :N	1)KULKARNI Raghavendra
Filing Date :N	A
(62) Divisional to Application Number :N	A
Filing Date :N	A

(57) Abstract:

A method for indicating an operating condition of mechanically controlled valve (15) of a fuel supply system (100) for an engine (40) running on gaseous fuel is disclosed. The mechanically controlled valve (15) located between a tank (10) and a pressure regulator (20). The method comprising the steps, sensing (S1) a pressure of said gaseous fuel downstream of said pressure regulator at an instant of time, sensing (S2) a temperature of said gaseous fuel downstream of said pressure regulator at an instant of time, calculating (S3, S4) a mass of said gaseous fuel for a first instant and second instant based on said sensed pressure and sensed temperature, determining (S5) a difference in mass of said gaseous fuel calculated at first instant and second instant and indicating (S6) said operating condition of said mechanically controlled valve based on determined difference in mass of said gaseous fuel.

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A TURBOCHARGER FOR AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16H :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Robert Bosch Engineering and Business Solutions Limited Address of Applicant:123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, INDIA 2)Robert Bosch GmbH (72)Name of Inventor:
<u> </u>	: NA :NA :NA	(72)Name of Inventor : 1)THANGAVELU Kanagaraj
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A turbocharger (100) for an internal combustion engine is disclosed. The turbocharger (100) includes a turbine (104), a compressor (102) comprising an inlet (120a) and outlet(120b), an air passage (110), an aspiratory valve (106) positioned at the air passage (110), wherein the aspiratory valve (106) is selectively opened to connect the air passage (110) and the compressor outlet (120b). In one embodiment, the mechanical type of the aspirator valve (106) comprises a plunger (204), and a spring (206), wherein the plunger (204) is displaced from the rest position when suction force at the compressor housing (108) is greater than a threshold. In another embodiment, the solenoid controlled type of the aspirator valve (106) includes a plunger (124), a spring (126), and a solenoid (122) when energized, adapted to displace the plunger (124) against the compressive force of the spring (126).

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

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN ERGONOMIC PEAS DESK

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A22C :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Siddaganga Institute of Technology, An Institution of Sree Siddaganga Education Society Address of Applicant: Siddaganga Institute of Technology An Institution of Sree Siddaganga Education Society B.H Road, Tumkur - 572 103, Karnataka, India. (72)Name of Inventor: 1)T.B. Udayashankar Aradhya 2)Amay Kumar 3)Eason Mathew 4)Palash Agarwal 5)Soumya Mukhopadhyay
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(57) Abstract:

In one aspect of present disclosure, ergonomic PEAS desk is constructed with frequent, intermittent, occasional and computer section. In one embodiment, the section of ergonomic PEAS desk is developed using three phase rule. Also, the sections of ergonomic PEAS desk are attachable and detachable to suit a standard work area of user. In another aspect of present invention, rule of three concept establishes the arrangement of objects/items/things in their respective sections, depending on their usability. Further, the ergonomic PEAS desk may be constructed by wood or iron material. The appropriate and suitable placing of objects/items/things may reduce loss of time, stress and may save energy of user in work area. Ergonomic PEAS desk may also provide easy reading and writing facilities, a dedicated space to store objects, a vault to store confidential documents. Various designs of ergonomic PEAS desks may be constructed to efficiently accommodate the work area of the user.

No. of Pages: 12 No. of Claims: 1

(21) Application No.4063/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : LINEAR PLUNGER MECHANISM FOR MOUNTING A RESIDUAL CURRENT AUXILIARY DEVICE ON A RAIL STRUCTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60L :NA :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant: 35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(86) International Application No Filing Date (87) International Publication No	:NA :NA : NA	(72)Name of Inventor: 1)SAMARTH ALVA 2)VIMAL ADITHIYA
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	2) VINIAL ADITIIITA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a simple linear plunger mechanism for mounting a electrical component on a rail structure, where the electrical component is a residual current auxiliary device. The mechanism comprises first and second sub-assemblies each comprising first and second plunger members that are respectively connected to first and second clip members through first and second linking members. Additionally, a clip base member is securely fitted into the second clip member. The plunger members are actuated with respect to the rail structure such that the linear movement of the first plunger member being converted to the vertical movement of the first clip member through the first linking member and the linear movement of the second plunger member being converted to the vertical movement of the second clip member along with the clip base member through the second linking member for making the electrical component between an engaged condition and a disengaged condition in relation with the rail structure. Such mechanism facilitates easy and rapid mounting and dismounting the residual current auxiliary device on/from the rail structure without using any additional tool and without removing busbar and cables connected in it..

No. of Pages: 37 No. of Claims: 14

(21) Application No.176/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: CODING MOTION DEPTH MAPS WITH DEPTH RANGE VARIATION

(51) International classification :H04N7/26,H04N7/30,H04N7/32 (31) Priority Document No :61/510753

(32) Priority Date :22/07/2011(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/US2012/046440

Filing Date :12/07/2012

(87) International Publication :WO 2013/016004

(61) Patent of Addition to
Application Number

NA

Filing Date
(62) Divisional to Application
Number
:NA

mber :NA Filing Date

(71)Name of Applicant:

1)QUALCOMM Incorporated

Address of Applicant :5775 Morehouse Drive ATTN: International IP Administration San Diego California 92121 1714

U.S.A.

(72)Name of Inventor:

1)CHEN Ying

2)KARCZEWICZ Marta

(57) Abstract:

This disclosure describes techniques for coding 3D video block units. In one example a video encoder is configured to determine a first real world depth range for a first depth view component comprising a reference view component determine a second real world depth range for a second depth view component comprising a current view component wherein the current view component is predicted relative to the reference view component determine a predictive block for a portion of the current view component from the reference view component adjust values of the predictive block based on a difference between the first real world depth range and the second real world depth range and predict the portion of the current view based on the adjusted values of the predictive block.

No. of Pages: 57 No. of Claims: 40

(22) Date of filing of Application :28/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: COMPOSITION COMPRISING A MIXTURE OF NATURAL EXTRACTS AND USES THEREOF

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)ITC LIMITED
(32) Priority Date	:NA	Address of Applicant :ITC Life Sciences & Technology
(33) Name of priority country	:NA	Centre #3, 1st Main, Peenya Industrial Area, Phase 1, Bangalore
(86) International Application No	:NA	560 058 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)FATIMA, Humaira
(61) Patent of Addition to Application Number	:NA	2)Nandakumar K.S.
Filing Date	:NA	3)DIXIT, Ajay Kumar
(62) Divisional to Application Number	:NA	4)LAKSHMANAN, Chadrasekharan Chittur
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to methods and compositions for management of metabolic disorders comprising a mixture of natural extracts obtained from acai, noni, mangosteen, pomegranate and Schinopsis lorentzii In particular, the present disclosure provides a composition comprising soya milk powder, skimmed milk powder, maltodextrin, sucralose, isomalt oligosaccharide and a mixture of extracts obtained from the fruits of acai, noni, mangosteen, pomegranate and bark of Schinopsis lorentzii for prevention and/or treatment of metabolic disorders including obesity, diabetes, cardiovascular diseases.

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

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SUGATHA JET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)MOHAMMEDNIYASDEEN NEJAAMTHEEN Address of Applicant:52, APPAR STREET, PALANI TK - 624 601, DINDIGUL Tamil Nadu India (72)Name of Inventor: 1)MOHAMMEDNIYASDEEN NEJAAMTHEEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Suga jet (Sugatha jet) is a mutated form of a Supersonic combustion ramjet air-breathing engine in which combustion transpire in supersonic and subsonic airflow. As in scramjets, a Suga jet relies on high speed of the vehicle to forcefully compress and slow down the incoming air before combustion; airflow in a Suga jet is coupled with supersonic and subsonic throughout the entire engine which allows the Suga jet to function efficiently above hypersonic speeds. The Suga jet structure makes use of six basic components: a converging extrinsic inlet, where arriving air is decelerated, but maintained in supersonic speed; an intrinsic inlet, where arriving air is tightened and compressed to subsonic speed; an extrinsic combustor, where supersonic combustion takes place with gaseous fuel is marked by fire with incoming atmospheric oxygen to produce heat; an intrinsic combustor, where subsonic combustion takes place with injected fuel mixes with the compressed air in a felicitous condition to consummate ignition; an intrinsic nozzle, where the expanded gases by the internal combustor ignition rushes first to produce thrust; and a extrinsic nozzle, where the heated supersonic air is accelerated to produce augmented thrust. Unlike a typical jet engine, such as a scramjet or ramjet engine, a Suga jet produce intrinsic ignition thrust and extrinsic augmented thrust. Due to the nature of their design, Suga jet operation is expected to above hypersonic velocities. Challenges in scramjet engine such as maintaining combustion within milliseconds, immense drag, and temperature found on the aircraft and within the engine can be much lesser in Suga jet by coupled supersonic and subsonic combustion.

No. of Pages: 15 No. of Claims: 10

(21) Application No.4066/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PRODUCTION OF XANTHAN GUM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C12P19/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)Siddaganga Institute of Technology An Institution of Sree Siddaganga Education Society Address of Applicant: B.H Road, Tumkur - 572 103, Karnataka, India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)K.L.Shivabasappa 2)Ananda H.V
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to an aspect of the present disclosure, food waste materials are used for the production of xanthan gum. The food waste materials are processed and fermentation is carried out using Xanthomonas campestris micro organism. According to another aspect of the present disclosure, potato waste which has rich starch content yields maximum xanthan gum compared to other food waste materials for example rice waste, wheat waste etc.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD AND SYSTEM TO PROVIDE AUTOMATED OPTICAL ZOOMING LEVEL FOR AN IMAGE CAPTURING DEVICE

(51) International classification	:G06K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview, Block B, No.
(33) Name of priority country	:NA	66/1, Bagmane Tech Park, CV Raman Nagar, Byrasandra,
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Anish Anil Patankar
(61) Patent of Addition to Application Number	:NA	2)Rishi Prajapati
Filing Date	:NA	3)Dr. Joy Bose
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system provides an automated optimal zooming level before capturing an image. The method allows a user or an image capturing device to select one or more objects in the image with a threshold space included for the selected object. The method analyzes the selected object and based on the analysis the method calculates the optimal zooming level for the selected one or more objects and captures the image by considering the calculated optimal zooming level.

No. of Pages: 34 No. of Claims: 18

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : MOUNTING TRAY WITH DC AXIAL FANS FOR EFFECTIVE PERFORMANCE OF AVIONICS EQUIPMENT

(51) International classification	.H05K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM(D), SLRDC, AVIONICS
(33) Name of priority country	:NA	DIVISION, HINDUSTAN AERONAUTICS
		· ·
(86) International Application No	:NA	LIMITED,BALANAGAR, HYDERABAD - 500 042 Andhra
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SEELAM VENKATA RAMAKRISHNA
Filing Date	:NA	2)VILLURI VENKATESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Electronic components and electronics systems are rapidly shrinking in size while their complexity and capability continue to grow at an amazing rate. In addition, the power has been increasing while the volume has been decreasing. This has produced a dramatic increase in the power density, resulting in rapidly rising temperatures and a large increase in the number of failures. In spite of this upper limit of the operating temperature is still settled below around 125CC and for every 10°C rise in temperature, the life of the component will reduce to half. The temperatures must be controlled on every component to ensure a reliable electronic system. If the operating temperatures become too high, electronic malfunctions may occur. Malfunctions may produce a simple out of tolerance condition for a minor temperature increase, or a catastrophic failure for a major temperature increase. The basic heat transfer problem in electronic system is, therefore the removal of internally generated heat by providing a good heat flow path from the heat sources to an ultimate sink, which is often the surrounding ambient air. Modern day avionics systems are sensitive and designed for compactness and sophisticated software programmes are to be free from thermal and structural disturnbances, A Typical Avionics equipment for Airborne applications (Standard ATR size) will consists of miniaturised high speed processors, power supply and power amplifier components. These components will be dissipating enormous heat and this is to be transferred effectively, without this the system will not function properly for which it designed. Components size is very small and traditional heat sink can not be designed for each and every component because of the size and weight limitations. Hence a proper thermal management is to be introduced by way of external cooling with cooling air or provision of fans. In the present system the fan could not be accommodated in the system itself due to design constraints & modular construction. Because of this limitation it is planned to accommodate the fans in the Mounting tray which is designed as an interface between the system and the aircraft and with a locking system for locking the unit with mounting tray. For effective cooling of the system, number of fans &its location is optimized for proper flow distribution around the heat dissipating modules. Keeping the mounting holes of the Mounting tray constant, a fan is selected where it will fit in the space available in between the mounting holes. The CFD analysis is carried out to find out the temperature flow distribution on and around the modules and also the maximum junction temperature at extreme ambient temperature of 70°C. With these results the mounting tray architecture, vent holes and flow distribution is optimised for effective thermal managment of the system.

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

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : BEARING COMPUTATION PROCESS IN TACAN NAVIGATION AVIONICS EQUIPMENT FOR AIRBORNE APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G01S1/00 :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)SLRDC, HAL Address of Applicant: AGM (D) SLRDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India (72)Name of Inventor: 1)MOGILISETTI BALARANGARAO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This document describes the advantage and procedure for bearing computation for rapidly convergent estimation of aircraft direction from TACAN beacon This filtering algorithm techniques are suitable with a High speed digital signal processor based TACTICAL Navigation system includes a higher end FPGA with smooth filtering after the threshold detection logic techniques to process the magnitude and time data relevant to a received ground beacon TACAN signals. The final computed filter results in stabilized bearing with in 1sec which utilizing a minimum instructions at faster rate with conventional filtering techniques in the DSP. The filtering methods computes a combination of a signal envelope estimation with a single phase estimation. The envelope prediction requires the computation of the in-phase and quadrature components of the composite TACAN signals consisting of a 15Hz fundamental sinusoid and its 135 Hz ninth harmonic with respect to a zero crossing time reference point. The phase prediction procedure based on the arbitrary reference points to the beacon -transmitted main and auxiliary reference bunch and the result may be combined to give a fine validated bearing result. The envelope computation process make a use of the Fast Fourier Transform(FFT), while the phase estimation procedure will matches with the computed bearing through filtering algorithms. The filter outputs produce calculated bearing which are validated in DSP. The bearing data is stored and scaled prior to updateding a display. The invention utilizes a FFT based digital bearing filter designe generally reduce the hard ware complexity and cost. The key feature of the invention is that all available incoming TACAN signal pulses can now be processed together with highly improved performance. The design of the invention is directed at improving performance for the worst case limits of operation, such as combination of low modulation at low signal levels with 15 degrees phase offset (angle between the 15 Hz and 135 Hz components of TACAN bearing signal envelope) and bearing rates upto 20 degrees per second. In addition intermittent simply anomalies (40 degrees sector Jumps) due to discontinuities in the received signal are more readily eliminated. All these advantages are realized by use digital processor.

No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: HYBRID FILTER FOR I/O CARD OF AVIONICS EQUIPMENT FOR AIRBORNE APPLICATIONS

(51) International classification	:g06k	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM (D) SLRDC HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YEGIREDDI SREEDHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The BHEEM-EU is an avionic Line Replaceble Unit for Indegenous Fighter Aircraft consisting of on board microprocessor based data acquisition and processing system. It plays an important role in controlling the Wheel Brake Management system, Nose Wheel Steering system, Undercarriage system and Monitoring of the Engine, Electrical and Hydraulic Power supply distribution systems. To control or monitoring of above said systems, BHEEM-EU is interfaced electrically with the above said systems. BHEEM-EU is designed in a moduler manner for data acquisition and processing. One of These modules is I/O Card for data acquisation. I/O card interface to above said systems through analog, discrete & frequency electrical input signal format. The analog inputs signals contains noice along with the signals due to acquiring from various systems in a A/C.In addition that acquisation circuits are designed for protection from surge/ high voltage signal/ short circuit protection from unwanted conditions. For this purpose, Low Pass filters are used to suppress the Noise and protection circuit for elemianate unwanted conditions. In I/O card, analog inputs are 36 No.s and I/O card is a standard IA ATR size moduler design. To accommadate all 36 analog inputs acquisation cricuits along with other inputs acquisation circuits, its need to be custom designed filter circuit for analog input acquisation. For this purpose 18 channel Hybrid Filter is designed for lowpass filter & protection in I/O board of BHEEM-EU.

No. of Pages: 14 No. of Claims: 3

(21) Application No.171/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LOCALIZED DISINFECTION SYSTEM FOR LARGE WATER BODIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C02F :NA :NA :NA :PCT/EP2012/076170 :19/12/2012 :WO 2014/094844 :NA :NA :NA	(71)Name of Applicant: 1)CRYSTAL LAGOONS (CURACAO) B.V. Address of Applicant: Kaya W.F.G. (Jombi) Mensing 14 Willemstad Cura§ao (72)Name of Inventor: 1)FISCHMANN Fernando Benjamin
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(57) Abstract:

The present disclosure relates to a method for controlling the microbiological properties of a portion of water within a large body of water by treating such zone with chemical agents according to the temperature of the water its salinity its dilution power and the diffusion of chemicals within the large water body.

No. of Pages: 40 No. of Claims: 17

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: REMOVAL TOOL FOR SERVO HORN WITH SPLINE-SHAFT COUPLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A47L :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Model Research International Co., LTD Address of Applicant: No.8, Alley 7, Lane 158, Sec.3,Pa Teh Rd., Taipei, Taiwan (72)Name of Inventor: 1)Bing CHENG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A removal tool to remove a metal servo horn (21) in an efficient way by utilizing the lifting force to separate the servo horn (21) from a servo output shaft (22) when screw (23) is rotated counter-clockwise and hits against the concave of lower surface of an active-lifting portion (31). Clamping force provided by two fastening members (50) combines the removal tool and servo horn (21) into one integrated unit to avoid the distortion of open end (301) of the removal tool when lifting force (t) is greater than rigidity of the removal tool. When a lifting force (t) for removing the integrated unit is applied in direction opposite to installing direction of servo horn (21), it overcomes the friction between the inner splines (213) of servo horn (21) and the outer splines (222) of servo output shaft (22) then separates both splines (213, 222). The removal of the servo horn (21) from the servo output shaft (22) is achieved.

No. of Pages: 25 No. of Claims: 9

(21) Application No.4035/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PRESSURE COOKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)TTK PRESTIGE LIMITED Address of Applicant:11TH FLOOR, BRIGADE TOWERS, NO. 135, BRIGADE ROAD, BANGALORE - 560 025 Karnataka India (72)Name of Inventor: 1)TIRUVALLUR THATAI JAGANNATHAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a safety locking means, particularly Mufti functions Safety Lock means for a pressure cooker acting as a pressure indicator cum locking means comprising of a rod as visual pressure indicator and a washer suitably and removably fixed to avoid erroneous opening and closing of the pressure cooker thereby ensuring safe operation by the rod positioning above the lock cover under pressure where restricts opening of the pressure cooker otherwise enables the pressure cooker to be opened when not in pressure. This locking means can be used on any type of pressure cooker including microwave pressure cooker.

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

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : AN INFLATABLE DEVICE FOR PLACEMENT BETWEEN THE HEART AND STERNUM FOR SAFER RE-DO STERNOTOMY

(51) International classification	:A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL CENTRE FOR CARDIO
(32) Priority Date	:NA	THORACIC AND VASCULAR DISEASES
(33) Name of priority country	:NA	Address of Applicant :(A UNIT OF FRONTIER LIFELINE
(86) International Application No	:NA	PVT. LTD), DR. K.M. CHERIAN HEART FOUNDATION, R-
Filing Date	:NA	30C, AMBATTUR INDUSRIAL ESTATE ROAD, CHENNAI -
(87) International Publication No	: NA	600 101 Tamil Nadu India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANTO SAHAYARAJ RAMAYYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to an implanting device between sternum (breast bone) and heart of an animal comprising of an inflatable pouch for safer re-do sternotomy by using the device adapted to cover the front of the heart and great vessels increases the distance between the heart and the sternum and offers some degree of protection to the heart at re-do sternotomy and decrease the risk of cardiac injury during re-do sternotomy for cardiac re-operation.

No. of Pages: 15 No. of Claims: 1

(21) Application No.419/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: PARALLEL USE OF INTEGRATED NON VOLATILE MEMORY AND MAIN VOLATILE MEMORY WITHIN A MOBILE DEVICE

(51) International :G06F12/02,G06F12/06,G06F11/14

classification

:12/828815 (31) Priority Document No (32) Priority Date :01/07/2010 (33) Name of priority country:U.S.A.

(86) International :PCT/US2011/042526 Application No

:30/06/2011 Filing Date

(87) International Publication :WO 2012/003275 No

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)OUALCOMM Incorporated

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)CHUN Christopher Kong Yee

(57) Abstract:

A mobile device having parallel use of non volatile memory and main memory is presented. The mobile device includes a volatile memory a non volatile memory a memory controller functionally coupled to the non volatile memory and the volatile memory and a processor coupled to the memory controller. The processor addresses both the non volatile memory and the volatile memory utilizing a continuous memory map. Alternatively a mobile device may include a volatile memory a non volatile memory a memory controller coupled to the volatile memory a processor coupled to the memory controller. The processor may address the volatile memory during normal operation. The mobile device may further include a shadow copy controller coupled to the non volatile memory and the memory controller where the shadow copy controller copies information stored in a designated portion of the volatile memory into the non volatile memory.

No. of Pages: 25 No. of Claims: 31

(21) Application No.2478/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :10/10/2008 (43) Publication Date : 13/03/2015

(54) Title of the invention: AES ENCRYPTION/DECRYPTION CIRCUIT

(51) International classification :h041 (31) Priority Document No :2007- 264967 (32) Priority Date :10/10/20 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 30-2, SHIMOMARUKO 3-CHOME, 06 (72)Name of Inventor: 1)HOTTA, HIROHISA, 2)YUSHIYA, AKIHIKO
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(57) Abstract:

This invention makes the number of cycles required for AES encryption or decryption by hardware smaller than before by reducing the difference among the summation of the signal processing time for each sub-block transformations in each clock cycle period. To do this, an encryption/decryption circuit includes a first AddRoundKey Transformation module, a second AddRoundKey Transformation module, a ShiftRows Transformation module, a SubBytes Transformation module, a MixColumns Transformation module, and a data holding unit, wherein in a cycle of encryption, the first AddRoundKey Transformation module and the second AddRoundKey Transformation, module are executed using different Round Keys.

No. of Pages: 253 No. of Claims: 12

(21) Application No.287/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :14/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : COMPOSITIONS COMPRISING FUNGICIDAL SUBSTITUTED DITHINES AND FURTHER ACTIVES

(51) International classification :A01N43/32,C07D339/08,A01P3/00

(31) Priority Document No :11170337.7

(32) Priority Date :17/06/2011 (33) Name of priority

country :EPO

(86) International

Application No :PCT/EP2012/061469

Filing Date :15/06/2012

(87) International Publication No :WO 2012/172061

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date
(62) Divisional to
Application Number

NA

NA

pplication Number :NA Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor:

1)BOUDET Nadege

2)GRAMMENOS Wassilios

3)DIETZ Jochen 4)HADEN Egon 5)RIGGS Richard

5)RIGGS Richard 6)MLLER Bernd 7)LOHMANN Jan Klaas

8)MONTAG Jurith 9)CRAIG Ian Robert

(57) Abstract:

The present invention relates to synergistic mixtures comprising at least one compound I and at least one active compound II as defined herein and to the use of these mixtures for combating phytopathogenic fungi and to seeds coated with at least one such mixture. The invention also relates methods for combating harmful fungi using such mixtures.

No. of Pages: 66 No. of Claims: 11

(22) Date of filing of Application :03/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CONVERSION OF WASTE PLASTIC TO PLASTOFUEL

(51) International alassification	·C10D52/00	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Siddaganga Institute of Technology An Institution of Sree
(32) Priority Date	:NA	Siddaganga Education Society
(33) Name of priority country	:NA	Address of Applicant :B.H Road, Tumkur - 572 103,
(86) International Application No	:NA	Karnataka, India. Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)K.L.Shivabasappa
(61) Patent of Addition to Application Number	:NA	2)Santhosh.T.R
Filing Date	:NA	3)Rathan.B
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to an aspect of the present disclosure, the reactor column is designed and fabricated for the conversion of plastofuel. The reactor column (pyrolysis unit) was designed and fabricated for the reaction to take place. The distillation column designed to carry out thermal pyrolysis without the aid of any catalyst in absence of oxygen. The thermal degrading process is used for decomposing plastic polymers. The result of blending plastofuel with petrol has less yield and efficiency then blending without petrol. The maximum yield of 80% is obtained by thermal pyrolysis runs without oxygen and in high temperature of about 350?.

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

(21) Application No.4033/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : ABRASIVE SLURRY PREPARATION FOR MICRO ABRASIVE WATER JET MACHINING APPLICATIONS

(51) International classification	:B24C,	(71)Name of Applicant:
(31) international classification	D24D	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(31) Priority Document No	:NA	Address of Applicant :INDIAN INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY MADRAS, IIT P.O, CHENNAI - 600 036
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TISHAR SATYAVATI GURAV
(87) International Publication No	: NA	2)SRIKANTH R
(61) Patent of Addition to Application Number	:NA	3)DR. N. RAMESH BABU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an apparatus to provide a supply of abrasive particles in the carrier fluid to generate a uniform mixture of high pressure carrier fluid and abrasive particles. The uniform mixture is then formed into a micro abrasive suspension jet for micro machining applications. The apparatus includes a slurry preparation unit that prevents agglomeration and settlement of abrasives in the flow circuit and also avoids clogging of orifice to enable continuous generation of micro abrasive suspension jet. The apparatus also includes a refill arrangement for continuous supply of abrasives into the slurry preparation unit.

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

(21) Application No.42/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: LED BASED ILLUMINATION MODULE WITH A REFLECTIVE MASK

(51) International :F21V7/05,F21K99/00,F21Y105/00 classification

(31) Priority Document No :61/500924 (32) Priority Date :24/06/2011

(33) Name of priority country:U.S.A.

(86) International :PCT/US2012/043339

Application No :20/06/2012 Filing Date

(87) International Publication :WO 2012/177753

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)XICATO INC.

Address of Applicant: 101 Daggett Drive San Jose California

95134 U.S.A.

(72)Name of Inventor:

1)HARBERS Gerard

2)BIERHUIZEN Serge J. A.

(57) Abstract:

An illumination module includes a plurality of Light Emitting Diodes (102A 102C). The illumination module includes a reflective mask cover plate (173) disposed over the LEDs. The reflective mask includes a patterned reflective layer (175) with an opening area aligned with the active die area of the LEDs. The reflective mask may be a patterned reflective layer (201) disposed between the plurality of LEDs and a lens element (200) wherein a void in the patterned reflective layer is filled with a material (202) that mechanically and optically couples the plurality of LEDs and the lens element. The illumination module may include a color conversion cavity (160) that envelopes a lens element (200) that may include a dichroic filter (204). The lens element may have different surface profiles (207 208) over different groups of LEDs.

No. of Pages: 81 No. of Claims: 41

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: GPU ASSISTED SHEDULING TECHNIQUE (GAS) FOR MULTICORE OPERATING SYSTEM

(51) International classification	:G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SECRETARY, DEPARTMENT OF ELECTRONICS
(32) Priority Date	:NA	AND INFORMATION TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :MINISTRY OF
(86) International Application No	:NA	COMMUNICATIONS AND INFORMATION TECHNOLOGY,
Filing Date	:NA	6, CGO COMPLEX, LODHI ROAD - 110 003 Delhi India
(87) International Publication No	: NA	2)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. DHARANIPRAGADA JANAKIRAM
(62) Divisional to Application Number	:NA	2)BALAJI SETTY
Filing Date	:NA	3)HEMANG MEHTA

(57) Abstract:

In multicore operating systems, there is no approach which leverages GPU for computing a CPU process scheduling order. A scheduling algorithm can compute the near optimal scheduling order based on the per process runtime resource utilization, CPU performance counters, temperature distribution in CPU cores for all V processes and m1 CPU cores present in the system. Since a schedule is required every time a set of processes has to be scheduled on a per core basis as well, finding an optimal schedule is a compute intensive task. Hence computing it on the CPU is not practical because of the runtime overhead. Due to this implication, contemporary multicore operating system schedulers are based on simple heuristic based approach. The invention provides the computation intensive task of finding the schedule is computed with the assistance of GPU and the result is used by the CPU scheduler for: 1. Performing load balancing across CPU cores 2. Intra-core task scheduling for individual CPU cores The CPU scheduler uses the schedule acquired from the GPU until a new schedule has been computed.

No. of Pages: 12 No. of Claims: 1

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PROVIDING MOUSE FUNCTION USING TOUCH DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F :10-2013- 0001835 :07/01/2013 :Republic of Korea :NA :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea. Republic of Korea (72)Name of Inventor: 1)Seoghee JEONG 2)Minkyung LIM 3)Hongju PARK
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(57) Abstract:

A method and apparatus of providing a mouse function in a touch device includes displaying a mouse interface which is divided into a panning area and a pointer move area. An input of a mouse gesture is received through the mouse interface, processing a panning operation of a contents screen which is displayed in a display device when the mouse gesture is inputted in the panning area, and processing a move operation of a mouse pointer which is displayed in the display device when the mouse gesture is inputted in the pointer move area. The touch device at the time of execution of the mouse mode, and generates a control event for panning the contents screen and moving the mouse pointer according to a mouse gesture which is inputted from the panning area and the pointer move area may provide a mouse function for a display device.

No. of Pages: 83 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :03/01/2014

(21) Application No.65/CHENP/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: VALVE ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16K3/26 :11169949.2 :15/06/2011 :EPO :PCT/EP2012/061187 :13/06/2012 :WO 2012/171950 :NA :NA	(71)Name of Applicant: 1)DELPHI TECHNOLOGIES HOLDING SR.L. Address of Applicant: Avenue de Luxembourg L 4940 Bascharage Luxembourg (72)Name of Inventor: 1)MARECHAL Michel 2)SAUVAGE Frederic 3)BELLAMY Pascal 4)BREANT Christophe
Filing Date	:NA	

(57) Abstract:

A valve assembly for controlling the rate of flow of fluid between a valve inlet (18) and a valve outlet (22) comprises a valve housing (10) and a spool valve member (14) that is movable axially within a valve bore (12) provided in the valve housing (10) in an opening direction and a closing direction. The spool valve member (14) is provided with a blind bore (28) the open end of which communicates with the valve outlet and at least one opening (32 34; 40; 50 52 54 56) into the blind bore the at least one opening communicating to a variable degree dependent on the axial position of the spool valve member (14) within the valve bore (12) with the valve inlet (18). The valve inlet (18) comprises a first boundary (24) and a second boundary (26) wherein the first boundary (24) acts as a control edge so that for axial positions of the spool valve member (14) in which the opening (30 32; 40; 50 52 54 56) does not overlap the control edge there is no flow into the outlet (22). A blind end (30) of the blind bore (28) is positioned for all positions of the spool valve member (14) within the valve bore (12) beyond the second boundary (26) in the opening direction of the spool valve member (14).

No. of Pages: 18 No. of Claims: 13

(21) Application No.3875/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A PULSE COUNT INJECTOR MODULE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No :NA	(71)Name of Applicant: 1)Bosch Limited Address of Applicant:Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India 2)Robert Bosch GmbH (72)Name of Inventor: 1)RAMACHANDRA Pradeep 2)LANGE Joerg
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(57) Abstract:

A pulse count injector (PCI) module is disclosed. The PCI module comprises a PCI holder and a PCI cover which form a PCI housing to enclose a PCI. The PCI module further includes a fuel inlet adapter; a fuel chamber is formed between the PCI and said PCI housing, a vapour separator and a fuel outlet. The PCI module in accordance with one embodiment of the invention can replace the existing gasoline fuel injector without major changes to the intake manifold or the existing throttle body assembly.

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

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : DOMESTIC APPLIANCE HAVING A HOUSING AND A DOOR AND A DOOR OPENING ANGLE SETTING FACILITY

(51) International classification	:F25D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions
(32) Priority Date	:NA	Limited
(33) Name of priority country	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(86) International Application No	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA
Filing Date	:NA	2)Bosch und Siemens Hausgerte GmbH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MOHAN Ramesh
Filing Date	:NA	2)NIMBARAGI Mahantesh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a domestic appliance (1) having a housing (2), in which an interior space (4) for accommodating food is configured, and a door (5) for closing off the interior space (4), which is disposed with a coupling apparatus (6) on the housing (2) and can be pivoted relative thereto up to a maximum opening angle, wherein the coupling apparatus (6) has a setting facility (7) for setting a first maximum opening angle and at least a second opening angle of the door (5) which is different therefrom. Reference figure: Fig. 5

No. of Pages: 24 No. of Claims: 15

(21) Application No.4024/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: GRAPHENE PRODUCTION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	(71)Name of Applicant: 1)AMRITA VISHWA VIDAYPEETHAM Address of Applicant: Amrita School of Engineering Amritanagar Coimbatore 641 112 Tamilnadu, India Tamil Nadu India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)REBBAPRAGADA SUBBA RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A process for bulk production of graphene is disclosed, comprising providing a first substrate of graphite with a surface, providing a second substrate adjacent the first substrate with a separation therebetween, providing a fluid with a viscosity in contact with the first and the second substrates, and inducing shear stresses on the first surface through the fluid. The shear stresses are induced in sufficient degree to cause graphene layers to separate from the surface of the graphite substrate and to be entrained within the fluid. The fluid is then processed to obtain a graphene reinforced material or article.

No. of Pages: 21 No. of Claims: 15

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NOVEL SALTS OF CRIZOTINIB AND THEIR PREPARATION

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, 10/80, RAJENDRA
(33) Name of priority country	:NA	GUNJ, RAICHUR Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)UPALLA; LAVKUMAR
(87) International Publication No	: NA	2)RAMPALLI, SRIRAM
(61) Patent of Addition to Application Number	:NA	3)PATNEEDI, CHANTIBABU
Filing Date	:NA	4)DANGUDUBIYYAM, CHANDRASEKHAR
(62) Divisional to Application Number	:NA	5)CHATURVEDI, AKSHAY KANT
Filing Date	:NA	6)PUROHIT, PRASHANT

(57) Abstract:

The present invention relates to novel pharmaceutically acceptable substituted aryl acrylic acid addition salts of Crizotinib (I) or its hydrate or solvate thereof. The present invention further relates to processes for preparation of the said substituted aryl acrylic acid addition salts of Crizotinib (I). The present application also provides pharmaceutically acceptable substituted aryl acrylic acid addition salts of Crizotinib (I) or its hydrate or solvate useful as active pharmaceutical ingredient in pharmaceutical composition comprising thereof, possessing anti-cancer activity.

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

(21) Application No.54/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: ON LOAD TAP CHANGER WITH WORM GEAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2011 112 365.6 :02/09/2011 :Germany :PCT/EP2012/065597 :09/08/2012 :WO 2013/029955 :NA :NA	(71)Name of Applicant: 1)MASCHINENFABRIK REINHAUSEN GMBH Address of Applicant: Falkensteinstr. 8 93059 Regensburg Germany (72)Name of Inventor: 1)BIERINGER Alfred 2)LASSLEBEN Daniel 3)SCHMECKEBIER Mario
Filing Date	:NA	

(57) Abstract:

The invention relates to a worm gear which is arranged directly on the head of an on load tap changer and has a housing a worm and a worm wheel wherein means for torque detection comprising at least one radio scannable surface wave sensor a rotor antenna and a stator antenna are provided in the interior of the worm gear.

No. of Pages: 9 No. of Claims: 3

(21) Application No.73/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : OPTICS SENSOR STRUCTURE FOR DETECTING WATE OR OIL LEAKAGE INSIDE A CONSERVATOR HAVING HAVING A BLADDER OR MEMBRANE

(51) International classification :G01M3/38 (71)Name of Applicant: (31) Priority Document No 1)ABB TECHNOLOGY AG :61/506213 (32) Priority Date Address of Applicant: Affolternstrasse 44 CH 8050 Zurich :11/07/2011 (33) Name of priority country Switzerland :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/045183 Filing Date :02/07/2012 1)CHEIM Luiz A.V (87) International Publication No :WO 2013/009507 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Optical sensor structure senses the presence of liquid in a sealed conservator tank. The sensor structure includes a sensor head having a body with first and second opposing ends a plurality of perforations through the body and spaced between the first and second ends and a mirror disposed at the second end. The perforations are constructed and arranged to receive and hold fluid therein. The sensor head is constructed and arranged to rest on a surface of a bladder. The sensor structure includes a light source a first fiber optic cable between the light source and the first end of the body a light detector and a second fiber optic cable between the light detector and the first end of the body. The amount of light received by the light detector is reduced when liquid instead of air is in at least some of the perforations in the body.

No. of Pages: 11 No. of Claims: 16

(22) Date of filing of Application :28/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A WASHING MACHINE FOR ALERTING USER IN RELATION TO FABRICS AND A METHOD THEREOF

(51) International classification	:D06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LG ELECTRONICS INC.
(32) Priority Date	:NA	Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
(33) Name of priority country	:NA	Seoul, Korea. Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHETAN RAJASHEKHAR PACHAPUR
(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:

Embodiments of the present disclosure relate to a washing machine and method for alerting a user in relation to fabrics disposed in the washing machine. The method comprises detecting at least one of one or more items received along with at least one fabric, one or more characteristics of at least one fabric and water in usage for washing at least one fabric. Next, a processor configured in washing unit performs at least one of providing an alert to user upon detection of one or more items present in washing unit. Further, an alert is provided to the user when detected one or more characteristics of at least one fabric and water in usage do not match with one or more predetermined attributes.

No. of Pages: 26 No. of Claims: 17

(22) Date of filing of Application :31/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD AND SYSTEM OF PROCESSING A REQUEST IN A PUBLIC SWITCH DATA CENTER (PSDC) USING HANDHELD DEVICES ACROSS THE NETWORK

(51) International classification	:G08B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Aneesh Kumar
(32) Priority Date	:NA	Address of Applicant :Puthupparambil (H), Elikkulam P.O,
(33) Name of priority country	:NA	Kottayam Dist, Kerala Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Aneesh Kumar
(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 to a method and system of offloading data using data centre in a network. In one embodiment, this is accomplished by registering a plurality of User Equipment (UEs) at a server of the PSDC, by receiving UE information by way of a connection over the client-server network, receiving at least one application request from a third party by the public switch data center, partitioning the received application request in to plurality of task, allocating the plurality of task for processing to the registered UEs, wherein the allocation of the task based on the attributes pre-shared by the UEs to the server; and collecting the processed task request from the UEs and sending back to the third party as the requested application.

No. of Pages: 23 No. of Claims: 10

(22) Date of filing of Application :31/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CONTENT-ADDRESSABLE MEMORY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA	(71)Name of Applicant: 1)EMPIRE TECHNOLOGY DEVELOPMENT LLC Address of Applicant:2711 Centerville Road, Suite 400, Wilmington, DE 19808, United States of America. U.S.A. (72)Name of Inventor: 1)Sriram VAJAPEYAM
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	

(57) Abstract:

Techniques described herein are generally related to storing and retrieving data from a content-addressable memory (CAM). A data value to be stored in the CAM may be received, where the data value has two or more bits. The CAM may include a plurality of memory sets. An index corresponding to the data value may be determined. The index may be determined based on a subset of bits of the data value that correspond to an index bit set. A memory set of the CAM may be identified based on the determined index and the data value may be stored in a storage unit of the identified memory set.

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

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: CUTTING TOOL POCKET WITH RAIL MEMBER AND CUTTING INSERT THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)KENNAMETAL INDIA LIMITED Address of Applicant:8/9th Mile, Tumkur Road, Bangalore- 560073, Karnataka, India. (72)Name of Inventor: 1)Padmakumar Muthuswamy 2)Sivapapachari Chennuri
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A cutting tool (10) includes a plurality of pockets (16), each pocket (16) including a rail member (60) protruding from a bottom surface (16a) of the pocket (16). A cutting insert (30) includes a polygonal body (31), a top surface (32), a bottom surface (34), a plurality of side surfaces (36), a rake surface (44) extending inwardly from a cutting edge (40), and a plurality of seating surfaces (46) adjacent the rake surface (44) that are separated by a groove (48). The groove (48) of the cutting insert (30) is capable of receiving the rail member (60) of the clamping element (50) to securely hold the cutting insert (30) in the pocket (16) of the cutting tool (10) during high-speed cutting operations.

No. of Pages: 18 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :19/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: EXAMINATION INSTRUMENT

(51) International classification (71)Name of Applicant: :A61B 1)OPTOMED OY (31) Priority Document No :101109592 (32) Priority Date Address of Applicant: Hallituskatu 13 - 17 D 35 FI-90100 :21/03/2012 (33) Name of priority country :Taiwan Oulu Finland (86) International Application No :PCT/FI2013/050317 (72)Name of Inventor: Filing Date :20/03/2013 1)ALASAARELA, Ilkka (87) International Publication No :WO/2013/140043 2)SOUKKAMAKI, JUSSI (61) Patent of Addition to Application 3)JOLMA, ILKKA :NA 4)VIRTA, MARKKU :NA Filing Date (62) Divisional to Application Number :NA

:NA

(57) Abstract:

Filing Date

Light from an exit pupil (112) of an illumination unit (100) is directed to a beam splitter (102) which directs the light to an objective (104). The retina (128) is illuminated, if a real image of the exit pupil (112) of the illumination unit (100) and a real image of an entrance pupil (114) of a camera unit (106) are formable in a position ranging from the corne a (120) to the backside (126) of the crystalline lens (124) with the light. The objective (104) forms a real intermediate image (130) of the retina (128) between the objective (104) and the camera unit (106). The beam splitter (102) directs the light from the retina (128) to the camera unit (106), while causing the path (134) of the illumination and the path (132) of the imaging to deviate for non-overlapping images of the exit pupil (112) and the entrance pupil (114) in the crystalline lens (124). A relay lens system (138) forms a real image of the intermediate image (130) on a detecting component (136) with the light reflected from the retina (128) for transforming the image into an electric form to be shown on a screen (150).

(21) Application No.7601/CHENP/2013 A

No. of Pages: 42 No. of Claims: 22

(21) Application No.125/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: REFERENCE PICTURE SIGNALING

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNoFiling Date	:H04N7/26,H04N7/36,H04N7/50 :61/503019 :30/06/2011 :U.S.A. :PCT/SE2012/050439 :26/04/2012	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)SAMUELSSON Jonatan 2)SJ-BERG Rickard
(87) International Publication No	:WO 2013/002700	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An encoded representation (60) of a picture (10) of a video stream (1) is decoded by retrieving buffer description from the encoded representation (60). The buffer description information is used to determine at least one picture identifier identifying a respective reference picture (40 42) as decoding reference for the picture (10). A decoded picture buffer (530 650) is updated based on the determined picture identifier. The encoded representation (60) of the picture (10) itself comprises the information needed by a decoder (400) to identify the reference pictures (40 42) required to decode the encoded representation (60)

No. of Pages: 71 No. of Claims: 56

(21) Application No.155/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : INJECTION MOLDED CONTROL PANEL WITH IN MOLDED DECORATED PLASTIC FILM THAT INCLUDES AN INTERNAL CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/06/2012 :WO 2012/170716 :NA :NA	(71)Name of Applicant: 1)MONCRIEFF Scott Address of Applicant:6680 Cobra Way San Diego California 92121 U.S.A. (72)Name of Inventor: 1)MONCRIEFF Scott
Filing Date	:NA :NA	

(57) Abstract:

Provided are systems and methods for a control assembly including: a first film that is in molded that includes decorative graphics a front surface and a rear surface; and a second film molded to the rear surface of the first film having a printed circuit that includes sensors control circuits and interconnects and a front and rear surface; and an internal connector.

No. of Pages: 33 No. of Claims: 20

(21) Application No.179/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: PYROLYSIS OF BIOMASS IN THE PRODUCTION OF BIOFUELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:23/06/2012 :WO 2012/178131A1 :NA	(71)Name of Applicant: 1)FOSTER WHEELER USA CORPORATION Address of Applicant:585 North Dairy Ashford Road Houston TX 77079 U.S.A. (72)Name of Inventor: 1)ELLIOTT John Daniel 2)WEDLAKE David Allan
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Production of a biofuel from a feedstock that includes a solid biomass material such as lemna. Aquatic plants such as pre processed or whole lemna serve as a rich source of lipids carbohydrates residual proteins cellulose and other organic materials that have the potential to be converted to hydrocarbons. A hydrocarbon feedstock is fed into the coking process and reaction products generated from the thermal process are collected. A coke product has an isotropic structure.

No. of Pages: 17 No. of Claims: 20

(22) Date of filing of Application :05/09/2007 (43) Publication Date : 13/03/2015

(54) Title of the invention: AMORPHOUS VALGANCICLOVIR HYDROCHLORIDE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. REDDYS LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :7-1-27, AMEERPET, HYDERABAD-
(33) Name of priority country	:NA	500016 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SURYA NARAYANA DEVARAKONDA
(87) International Publication No	: NA	2)SESHA REDDY YERRAGUNTLA
(61) Patent of Addition to Application Number	:NA	3)VENU NALIVELA
Filing Date	:NA	4)ARJUN KUMAR TUMMALA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

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

The present application relates to amorphous forms of valganciclovir salts such as the hydrochloride and processes for their preparation.

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM TO ENABLE SECURE COMMUNICATION FOR INTER-ENB TRANSMISSION

(51) International classification	:H04W12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview, Block B, No.
(33) Name of priority country	:NA	66/1, Bagmane Tech Park, CV Raman Nagar, Byrasandra,
(86) International Application No	:NA	Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Rajavelsamy Rajadurai
(61) Patent of Addition to Application Number	:NA	2)Mangesh Abhimanyu Ingale
Filing Date	:NA	3)Soenghun Kim
(62) Divisional to Application Number	:NA	4)Gert-Jan Van Lieshout
Filing Date	:NA	

(57) Abstract:

The embodiments herein provide a method and system for creating a secure connection for a User Equipment (UE) in a wireless network including a UE, carrier aggregated with at least one first serving frequency served by a first eNB and at least one second serving frequency served by a second eNB. A unique non-repetitive security base key associated with the second eNB is generated using a freshness parameter and security key associated with the first eNB. The use of a different freshness parameter for each security base key derivation avoids key stream repetition. Further, a user plane encryption key is derived based on the generated unique non-repetitive security base key associated with the second eNB for encrypting data transfer over at least one data radio bearer.

No. of Pages: 131 No. of Claims: 48

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR OPERATING A WIND TURBINE

(31) Priority Document No :13/ (32) Priority Date :09/	A 1)OING, Hubert A A A A A
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(57) Abstract:

A method for operating a wind turbine is provided. The wind turbine includes a rotor with at least one rotor blade. The method includes determining an actual value of at least one of a first variable indicative of a failure state of the wind turbine and a second variable of the wind turbine correlated to a status of the wind turbine or an ambient status. The method further includes estimating an occurrence of a detrimental overspeed state of the wind turbine from at least one of the determined actual values, wherein a variable speed limit is adjusted based on the result of the estimation. The method further includes operating the wind turbine having regard to the variable speed limit. A control system for performing this method and a wind turbine including the control system is provided

No. of Pages: 38 No. of Claims: 10

(21) Application No.208/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PLANTS HAVING ENHANCED YIELD RELATED TRAITS AND A METHOD FOR MAKING THE SAME

(51) International classification: A01H1/00, A01H5/00, C12N15/82

(31) Priority Document No :61/500176 (32) Priority Date :23/06/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/IB2012/053077

:19/06/2012 Filing Date

(87) International Publication

:WO 2012/176115

(61) Patent of Addition to **Application Number** :NA

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)BASF PLANT SCIENCE COMPANY GMBH Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor:

1) REUZEAU Christophe

2)Yu Su Mav 3)KO Swee Suak 4)HSING Yue le 5)HO Tuan Hua David 6)LO Shuen Fang

(57) Abstract:

The present invention provides a method for enhancing yield related traits in plants by modulating expression in a plant of a nucleic acid encoding an ELNINI (comprising an ELNINI signature sequence) polypeptide. The present invention also provides plants having modulated expression of a nucleic acid encoding an ELNINI polypeptide which plants have enhanced yield related traits relative to control plants. The present invention also provides constructs comprising ELNINI encoding nucleic acids useful in performing the methods of the present invention.

No. of Pages: 87 No. of Claims: 24

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYNTHETIC PEPTIDES HAVING BROAD SPECTRUM ANTIMICROBIAL ACTIVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K38/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY Address of Applicant: KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY, POOKODE, WYANAD Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)DR. VARUNA P. PANICKER 2)DR. SISILAMMA GEORGE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a method for synthesizing polypeptides corresponding to the C-terminus of the buffalo myeloid peptide. The method includes, isolating a mRNA from the buffalo myeloid, cloning a cDNA corresponding to the mRNA, and synthesizing the polypeptide from the cloned cDNA. The synthetic polypeptide has a general formula GXnG, wherein X is any amino acid and n is an integer varying from 16-32. The synthetic polypeptides are specific for targeting microbial infection.

No. of Pages: 30 No. of Claims: 8

(21) Application No.264/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SELECTIVE GLYCOSIDASE INHIBITORS AND USES THEREOF

(51) International :C07H9/06,A61K31/7056,C12Q1/34 classification

(31) Priority Document No :61/501377 (32) Priority Date :27/06/2011 (33) Name of priority

:U.S.A.

country

(86) International :PCT/CA2012/050433 Application No

:27/06/2012 Filing Date

(87) International

:WO 2013/000084 **Publication No**

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)ALECTOS THERAPEUTICS INC.

Address of Applicant :8999 Nelson Way Burnaby British

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2)MERCK SHARP & DOHME CORP.

(72)Name of Inventor:

1)LI Tong Shuang

2)MCEACHERN Ernest J. 3)VOCADLO David J.

4)ZHOU Yuanxi 5)ZHU Yongbao

6)SELNICK Harold G.

(57) Abstract:

The invention provides compounds with enhanced permeability for selectively inhibiting glycosidases prodrugs of the compounds and pharmaceutical compositions including the compounds or prodrugs of the compounds. The invention also provides methods of treating diseases and disorders related to deficiency or overexpression of O GlcNAcase accumulation or deficiency of O GlcNAc.

No. of Pages: 145 No. of Claims: 27

(19) INDIA

(22) Date of filing of Application :13/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: BREAKFAST BISCUIT WITH SLOWLY AVAILABLE GLUCOSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23L1/10,A21D13/08 :61/498986 :20/06/2011 :U.S.A. :PCT/US2012/043303 :20/06/2012 :WO 2012/155154 :NA :NA	(71)Name of Applicant: 1)GENERAL BISCUIT Address of Applicant: 3 Rue Saarinen F 94150 Rungis France (72)Name of Inventor: 1)OKONIEWSKA Monika 2)SCHULOK James A. 3)SEPANSKI Tiffany 4)NNADI Olivia 5)FOLZ Juliette 6)VEREL Aliette 7)VINOY Sophie 8)LANVIN Lionel 9)ARLOTTI Agathe 10)WAHL Robin 11)AYMARD Pierre
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(21) Application No.282/CHENP/2014 A

(57) Abstract:

Methods and products related to a baked cereal product having a pre baked SA content and a post baked SAG content wherein the post baked SAG content is less than about 25% below the pre baked SAG content.

No. of Pages: 76 No. of Claims: 188

(21) Application No.4088/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AUTOMATED PASSENGER REVENUE DETERMINATION FOR INTERCITY VEHICLE (BUS)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06Q10/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)D. BAID Address of Applicant:12-17-1, 3 PHASE, 7 MAIN, 10 CROSS, BANGALORE Karnataka India (72)Name of Inventor: 1)D. BAID
<u>e</u>		1)D. BAID
Filing Date	:NA	

(57) Abstract:

This process uses a electronic device to determine the revenue of a intercity passenger transport with the use of sensors accurately to determine the presence of a passenger in a vehicle.a location sensing sensor a scanning device and a computing device with means to transfer data.

No. of Pages: 5 No. of Claims: 6

(21) Application No.9411/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/11/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: MOBILE STATION DEVICE COMMUNICATION METHOD AND COMPUTER PROGRAM

(51) International :H04J99/00,H04B7/04,H04W16/28 classification

(31) Priority Document No :2011105495

(32) Priority Date :10/05/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/061387

:27/04/2012

Filing Date

(87) International Publication :WO 2012/153658

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)NEC CASIO Mobile Communications Ltd.

Address of Applicant: 1753 Shimonumabe Nakahara ku

Kawasaki shi Kanagawa 2118666 Japan

2)NTT DOCOMO INC. (72)Name of Inventor: 1)SHIMANUKI Noriyuki

(57) Abstract:

A mobile station device a communication method and a computer program in which effective beam forming can be performed without an increase in power consumption are provided. The mobile station device: calculates a communication channel capacity of a representative precoding matrix index (PMI) for each PMI group; sorts the PMI groups in the sequence of the PMI communication channel capacity; compares the previous sort sequence and the current sort sequence to thereby determine a PMI group for which a communication channel capacity of a PMI other than the representative PMI is calculated; calculates the communication channel capacity of a PMI other than the representative PMI from among the PMIs in the PMI group that has been determined; and selects as a PMI estimation value the PMI for which the largest communication channel capacity has been calculated.

No. of Pages: 44 No. of Claims: 7

(21) Application No.10356/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : COMPOSITION CONSISTING OF A ZIRCONIA CERIA MIXED OXIDE WITH INCREASED REDUCIBILITY PRODUCTION METHOD AND USE IN THE FIELD OF CATALYSIS

(51) International classification :C01G25/00,B01D53/94,B01J21/06

(31) Priority Document No :11/02090 (32) Priority Date :04/07/2011

(33) Name of priority country:France

(86) International Application No :PCT/EP2012/062224

Filing Date :25/06/2012

(87) International Publication :WO 2013/004534

No .wo 20

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:
1)RHODIA OPERATIONS

Address of Applicant :40 rue de la Haie Coq F 93306

Aubervilliers France (72)Name of Inventor: 1)IFRAH Simon 2)ITANI Lama

3)HERNANDEZ Julien 4)HORBEZ Dominique

(57) Abstract:

The invention relates to a composition essentially consisting of a zirconia ceria mixed oxide with a zirconia content of at least 40 wt. % and after 4 hours of calcination at 1000°C a specific surface area of at least 25 m/g and a quantity of mobile oxygen between 200°C and 400°C of at least 0.5 ml O/g. Said composition is produced using a method wherein a mixture of cerium and zirconium compounds is continuously reacted with a basic compound in a reactor with a maximum residence time of the reactive medium in the mixture zone of the reactor of 100 milliseconds; and the precipitate is heated then brought into contact with a surfactant before being calcinated.

No. of Pages: 23 No. of Claims: 16

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(13) 1 dolleddoll Bate : 13/03/2015

(21) Application No.225/CHENP/2014 A

(54) Title of the invention: CODING OF FEATURE LOCATION INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G06T9/00 :61/522171 :10/08/2011 :U.S.A. :PCT/US2012/049055 :31/07/2012 :WO 2013/022656	(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)REZNIK Yuriy 2)HAMSICI Onur C. 3)VADDADI Sundeen
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/022656 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and devices for coding of feature locations are disclosed. In one embodiment a method of coding feature location information of an image includes generating a hexagonal grid where the hexagonal grid includes a plurality of hexagonal cells quantizing feature locations of an image using the hexagonal grid generating a histogram to record occurrences of feature locations in each hexagonal cell and encoding the histogram in accordance with the occurrences of feature locations in each hexagonal cell. The method of encoding the histogram includes applying context information of neighboring hexagonal cells to encode information of a subsequent hexagonal cell to be encoded in the histogram where the context information includes context information from first order neighbors and context information from second order neighbors of the subsequent hexagonal cell to be encoded.

No. of Pages: 45 No. of Claims: 38

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: LIGHT GUIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F21V7/00 :11172400.1 :01/07/2011 :EPO :PCT/IB2012/053273 :28/06/2012 :WO 2013/005142 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)KESER Merijn 2)VAN AS Marco 3)VAN KEMPEN Frank Walterus Franciscus Marie
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.260/CHENP/2014 A

(57) Abstract:

The disclosed embodiments relate to a light guide (100a) and a luminaire (700) including such a light guide (100a). The light guide (100a) guides light emitted in a first direction (500) from a light source (200) comprising at least one light emitting diode (210). The light guide (100) directs a major part of the light in a second direction (600) wherein the first direction (500) is not equal to the second direction (600). The light guide (100a) comprises a cone part (110a) having a shape of a cone and a center axis (120) of the cone part (110a) is in the first direction (500). The light guide (100a) can be used with reflectors (800) that have originally been manufactured for use with high intensity discharge lamps or halogen lamps but because of the light guide (100a) the reflectors (800) can be used together with light sources (200) in the form of at least one light emitting diode (210).

No. of Pages: 15 No. of Claims: 13

(21) Application No.9465/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013 (43) Publication Date: 13/03/2015

(54) Title of the invention: IMIDAZOPYRIDINE COMPOUND

(51) International :C07D471/04,A61K31/437,A61K31/439 classification

:2011119826

:Japan

(31) Priority Document

No

(32) Priority Date :30/05/2011

(33) Name of priority

country

(86) International

:PCT/JP2012/063695 Application No :29/05/2012

Filing Date (87) International

:WO 2012/165399 Publication No

(61) Patent of Addition :NA to Application Number :NA

Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

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Chuo ku Tokyo 1038411 Japan

(72)Name of Inventor:

1)KOGA Yuii

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6)IIDA Maiko

7)OHNE Kazuhiko

8)IMAMURA Kenichiro

9)WATANABE Tsubasa

10)NOZAWA Eisuke

11)SHIBATA Hiroshi

(57) Abstract:

To provide an excellent therapeutic or prophylactic agent for cardiovascular diseases on the basis of cGMP production increasing activity attributed to soluble guanylate cyclase activating activity. [Solution] It was discovered that an imidazopyridine compound having a carbamoyl group at the 3 position of an imidazo[1 2 a]pyridine skeleton and having a substituent attached to the 8 position of the skeleton through an oxygen atom exhibits cGMP production increasing activity attributed to potent soluble guanylate cyclase activating activity and can be used in an excellent therapeutic or prophylactic agent for various cardiovascular diseases associated with soluble guanylate cyclase and the invention was completed.

No. of Pages: 222 No. of Claims: 22

(21) Application No.235/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/01/2014

(43) Publication Date: 13/03/2015

(54) Title of the invention: RAIL GUIDE FOR A LONGITUDINAL ADJUSTMENT OF A MOTOR VEHICLE SEAT AND METHOD FOR PRODUCING SUCH A RAIL GUIDE

(51) International classification :B60N2/07,B60N2/06,B60N2/18 (71)Name of Applicant:

(31) Priority Document No :10 2011 080 221.5

(32) Priority Date :01/08/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/065064

:01/08/2012 Filing Date

(87) International Publication :WO 2013/017633

(61) Patent of Addition to :NA Application Number :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1)C. ROB. HAMMERSTEIN GMBH & CO. KG

Address of Applicant: Merscheider Strae 167 42699 Solingen

Germany

(72)Name of Inventor:

1)BECKER Burkhard 2)KIENKE Ingo 3)BALIN Alexander 4)SEIBOLD Kurt

(57) Abstract:

Disclosed is a rail guide that has at least one rail pair consisting of a floor rail (22) and a seat rail (24). The seat rail (24) has means (30) for fastening a seat frame to be arranged above the rail pair. The rails can be moved relative to each other in a longitudinal direction along a movement path (20). The floor rail (22) and the seat rail (24) are curved by the same circular radius of curvature (42) that ranges between 1 500 and 3 000 mm in particular between 1 800 and 2 500 mm. The center point of curvature (44) is on the side of the rail pair facing away from the seat frame. The rail guide is a longitudinal adjustment device having a stationary spindle (52) and an associated spindle nut (54) that is longitudinally movable thereon the spindle (52) being curved at the same circular radius of curvature (42). Also disclosed is a suitable method for producing said curved rails by means of at least one stamping mold (68) or by means of bending strips (96).

No. of Pages: 26 No. of Claims: 9

(21) Application No.3889/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SLEEP ENTERTAINMENT RELAXATION ELECTRONIC MATTERESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)S. ADARSH Address of Applicant: NO.6/1, SHANTHI NAGAR EXTN. S.M. NAGAR P.O. AVADI, CHENNAI - 600 062 Tamil Nadu India (72)Name of Inventor: 1)S. ADARSH
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)S. ADARSH
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The sleep entertainment relaxation Electronic mattress has massager and heaters inside the m attress which is electrically operated for the purpose of complete relaxation the above mentioned mattress has a control box which comprises of massager and Heater Power Remote, Mini Projectors for entertainment, Aroma Scents for sleep and Nap, Bluetooth speaker for music and LED lights for reading.

No. of Pages: 7 No. of Claims: 3

(19) INDIA

(22) Date of filing of Application :06/01/2014

(21) Application No.53/CHE/2014 A

(43) Publication Date: 13/03/2015

(54) Title of the invention: RECEPTACLE

(51) International classification	:HO1R	(71)Name of Applicant:
(31) Priority Document No	:2013- 56316	1)PANASONIC CORPORATION Address of Applicant :1006, Oaza Kadoma, Kadoma-shi,
(32) Priority Date		Osaka 571-8501, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Masaru KOMIYAMA
Filing Date	:NA	2)Yo YOSHIMURA
(87) International Publication No	: NA	3)Kimio KUSAMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A receptacle includes: a case (20) of which one face has an opening; and a cover-plate (10) covering the opening of the case (20). Contact rests (50A, 50B, 60) are disposed in the case (20). The cover-plate (10) is provided with contact holes (11, 12A, 12B, 13A, 13B). Terminals (57A, 57B, 67) are disposed in the case (20). Each of the terminals (57A, 57B, 67) is electrically connected to a corresponding contact rest (50A, 50B, 60). Each of the contact rests (50A, 50B, 60) is arranged side-by-side with a corresponding terminal (57A, 57B, 67) in a plane intersecting with an insertion direction (D1) of the conductive pins (31, 32, 41). Thus, it is possible to protect the terminal (57A, 57B, 67) from damage caused by plugging and unplugging a number of times, and to be formed in a thinner shape.

No. of Pages: 23 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :29/11/2013

(21) Application No.9580/CHENP/2013 A

(43) Publication Date : 13/03/2015

(54) Title of the invention: TILLER TINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:29/07/2013 :WO 2014/024707 :NA	(71)Name of Applicant: 1)TAIYO CO. LTD. Address of Applicant:3950 Nunoshida Kochi shi Kochi 7815101 Japan (72)Name of Inventor: 1)MATSUMOTO Shungo 2)YAMASAKI Yasuyuki 3)KIRAGAWA Tetsurou 4)DOI Teruaki
. ,	:NA :NA	3)KIRAGAWA Tetsurou 4)DOI Teruaki 5)SANNOMIYA Toyoaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The tiller tine is provided with: an attachment base for mounting on the attachment flange of a rotating tine spindle; a longitudinal blade section which in side view when viewing the surface that has the axis of rotation of the rotating tine spindle as a normal line is formed from a flat plate that extends horizontally from said attachment base to the section where the curvature of the transverse blade begins and is provided with a cutting edge that is formed lower than the lower edge of the attachment base by way of a stairstep; and a transverse blade section which extends from the longitudinal blade section with the section where the curvature of the transverse blade begins as a boundary is formed with a width equal to or greater than the width of the attachment base from the longitudinal blade section to the tip and is formed from a curved plate that is formed to curve gently upward in side view and curves in one direction with the section where the curvature of the transverse blade begins as the boundary. Provided thereby is a tiller tine that limits stress concentration when being driven into the soil and the resultant change in load reduces tilling vibration and power consumption and excels in various tilling properties such as release reversibility soil amendability clod breakage and land leveling.

No. of Pages: 21 No. of Claims: 4

(22) Date of filing of Application :01/07/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CINACALCET HYDROCHLORIDE AND ITS NOVEL INTERMEDIATE

	·C07C	(71)Nome of Applicant
(51) International classification	209/00	(71)Name of Applicant : 1)OPTIMUS PHARMA PVT LTD
(31) Priority Document No	:NA	Address of Applicant :1-2-11/1, ABOVE SBI BANK,
(32) Priority Date	:NA	STREET NO. 2, KAKATIYA NAGAR, HABSIGUDA,
(33) Name of priority country	:NA	HYDERABAD - 500 007 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRINIVAS REDDY DESI REDDY
(87) International Publication No	: NA	2)SRINIVASA RAO VELIVELA
(61) Patent of Addition to Application Number	:NA	3)DNYANDEV RAGHO RANE
Filing Date	:NA	4)SATYANARAYANA PUNNA
(62) Divisional to Application Number	:NA	5)VENKATESH NAINI
Filing Date	:NA	

(57) Abstract:

The present invention provides process for the preparation of cinacalcet hydrochloride by using a novel intermediate. The present invention also involves the preparation of the novel intermediate of cinacalcet hydrochloride.

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

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 13/03/2015

$(54) \ Title \ of the \ invention: INPUT/OUTPUT \ REQUEST \ SHIPPING \ IN \ A \ STORAGE \ SYSTEM \ WITH \ MULTIPLE \ STORAGE \ CONTROLLERS$

(51) International classification (31) Priority Document No	:G06F3/00 :NA	(71)Name of Applicant: 1)LSI CORPORATION
(32) Priority Date	:NA	Address of Applicant :1320 RIDDER PARK DRIVE, SAN
(33) Name of priority country	:NA	JOSE, CALIFORNIA 95131 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NARESH MADHUSUDANA
(87) International Publication No	: NA	2)NAVEEN KRISHNAMURTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods presented herein provide for input/output shipping between storage controllers in a storage system. One storage system comprises a plurality of logical volumes, a host driver operable to process input/output requests to the logical volumes, and a plurality of storage controllers coupled between the server and the logical volumes. A first of storage controllers is operable to receive an input/output request from the host driver for one of the logical volumes, and transfer a command to a second of the storage controllers to retrieve the data of the input/output request. The second storage controller processes the command from the first storage controller, and retrieves the data associated with the input/output request.

No. of Pages: 25 No. of Claims: 20

(22) Date of filing of Application :06/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SOFT MEDICATED LOLLIPOP DRUG DELIVERY SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:A61K9/00 :NA :NA	(71)Name of Applicant: 1)INDURU JAGADEESH Address of Applicant: Dr. Induru Jagadeesh H.No: 3-3-13, P.
(33) Name of priority country	:NA	No.16, F.No. G-1, Sai Residency, Baghameer, Kukatpally,
(86) International Application No	:NA	Hyderabad-500 072, Andhra Pradesh,India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)INDURU JAGADEESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The softy medicated lollipop of present invention contains stick, cup and soft mass. At least one drug dispersed in soft dough mass made of at least one excipient, placed in eatable cup made of at least one pharmaceutically acceptable material, with or without drug, which is attached to an eatable stick made of at least one pharmaceutically acceptable material with or without drug. The invention can be used to deliver single or multiple drugs or nutrients with the shape of varied objects, different colors and sizes to provide immediate, sustained or mixed drug delivery.

No. of Pages: 41 No. of Claims: 28

(22) Date of filing of Application :07/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A MULTI FACED INTELLIGENT SIGNALLING SYSTEM AND METHOD FOR GUIDING DRIVERS

(51) International classification	:G08B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAVIPATI MURALI KRISHNA
(32) Priority Date	:NA	Address of Applicant :IKYA Technovations Pvt Ltd Flat No:
(33) Name of priority country	:NA	607, 6th Floor, HUDA Mythrivanbam, Ameerpet, Hyderabad
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAVIPATI MURALI KRISHNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A multi faced intelligent signaling aid having multiple signaling areas equipped with a plurality of lights (LEDTMs), are disclosed. The sensors integrated within the intelligent signaling aid, senses the hand gestures of the user and the responses sent to a controller, with which LEDTMs are operated. The orientation sensors and the power supply wherein the first signaling area is illuminated when the intelligent signaling aid is orientated in an up position and the second signaling area is illuminated when the intelligent signaling aid is orientated in a sideways position.

No. of Pages: 32 No. of Claims: 28

(19) INDIA

(22) Date of filing of Application :04/01/2014 (43) Publication Date: 13/03/2015

(21) Application No.96/CHENP/2014 A

(54) Title of the invention: POWER SUPPLY SYSTEM

(51) International

:H02J3/32,H01M10/44,H01M10/48

classification

(31) Priority Document No :2011135635

(32) Priority Date

:17/06/2011

(33) Name of priority country:Japan (86) International

:PCT/JP2012/065260

Application No

:14/06/2012

Filing Date

(87) International Publication :WO 2012/173196

(61) Patent of Addition to :NA Application Number

Filing Date (62) Divisional to :NA :NA

:NA

Application Number

Filing Date

(71)Name of Applicant:

1)PANASONIC CORPORATION

Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka

5718501 Japan

(72)Name of Inventor:

1)HIBIYA Shinpei

2)TAKEHARA Kiyotaka

3)BABA Akira

4)NAKAKITA Kenji

(57) Abstract:

In this power supply system a demand measuring unit measures demand power of a load and a generated power measuring unit measures power generated by means of a solar cell. A threshold value storage unit stores a discharge control threshold value with respect to a residual quantity (residual power quantity) of a storage cell said discharge control threshold value being used for the purpose of determining whether to discharge electricity from the storage cell or not. When the demand power is larger than the power generated an instructing unit generates control instructions for controlling electrical discharge from the storage cell on the basis of results of comparison between the residual quantity of the storage cell and the discharge control threshold value and the instructing unit transmits the control instructions to a control unit of a power conditioner. At that time if the residual quantity of the storage cell is larger than the discharge control threshold value the instructing unit issues control instructions for discharging electricity from the storage cell. A threshold value setting unit variably sets the discharge control threshold value and every time the value is changed the threshold value setting unit updates the discharge control threshold value in the threshold value storage unit.

No. of Pages: 58 No. of Claims: 9

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

:NA

(54) Title of the invention : PROCESS FOR THE PREPARATION OF FORMIC ACID BY REACTING CARBON DIOXIDE WITH HYDROGEN

(51) International classification	:C07C51/02,C07C51/15	(71)Name of Applicant:
(31) Priority Document No	:11173130.3	1)BASF SE
(32) Priority Date	:07/07/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/062518	1)SCHAUB Thomas
Filing Date	:27/06/2012	2)FRIES Donata Maria
(87) International Publication No	:WO 2013/004577	3)PACIELLO Rocco
(61) Patent of Addition to Application	:NA	4)BASSLER Peter
Number	:NA	5)SCH,,FER Martin
Filing Date		6)RITTINGER Stefan
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

Process for the preparation of formic acid by reacting carbon dioxide with hydrogen in a hydrogenation reactor in the presence of a catalyst comprising an element from the 8th 9th or 10th group of the Periodic Table of the Elements of a tertiary amine and of a polar solvent with formation of formic acid amine adducts which are then cleaved thermally to give formic acid and tertiary amine.

No. of Pages: 102 No. of Claims: 15

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: RUBBER GROMMET AND ITS PATTERN ARRANGEMENT IN THE MOUNTING TRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B64C25/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SLRDC, HAL Address of Applicant: AGM (D) SLRDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India (72)Name of Inventor: 1)KATIKALA RAVI KUMAR
<u>e</u>		
Filing Date	:NA	

(57) Abstract:

The Avionic equipment must be isolated from the high levels of vibration during flight and take off. Similarly while manoeuvring and landing of the aircraft, avionic equipment subjects to the high acceleration and shock loads. Our objective is design the grommet and its pattern arrangement at the fixing holes of mounting tray in such a way that it will absorb the shock and attenuate vibration. Vibration levels are kept low so that the performance of avionic equipment is not degraded under dynamic condition.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: UNINTERRUPTIBLE POWER SUPPLY SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:NA :NA :NA :PCT/JP2011/063252 :09/06/2011 :WO 2012/169046 :NA	(71)Name of Applicant: 1)TOSHIBA MITSUBISHI ELECTRIC INDUSTRIAL SYSTEMS CORPORATION Address of Applicant:13 16 Mita 3 chome Minato ku Tokyo 1080073 Japan (72)Name of Inventor: 1)TOYODA Masaru
	:NA :NA :NA :NA	

(57) Abstract:

The present invention is an uninterruptible power supply system (100) provided with multiple uninterruptible power supply devices (10 20 30) which are connected in parallel with regard to the load and switch the power sources for supplying power to the load depending on the state of the power sources a control unit (3) for controlling the power source switching operations of the uninterruptible power supply devices (10 20 30) and a storage battery (5) commonly connected to the uninterrupted power supply devices (10 20 30). Each uninterrupted power supply device (10 20 30) has a converter (15 25 35) for converting the alternating current power of an alternating current power source to a direct current power a connector (41 42 43) for switching between the direct current power converted by means of the converter (15 25 35) and the direct current power inputted from the storage battery (5) and an inverter (17 27 37) for converting the direct current power back to an alternating current power and for supplying power to a load. The control unit (3) stops the inverter (17 27 37) from among the plurality of inverters (17 27 37) that does not contribute to supplying the electric energy needed by the load.

No. of Pages: 29 No. of Claims: 5

(22) Date of filing of Application :06/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AUTOMATIC WATER LEVEL CONTROLLER

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)MR. G. KARUPPUSAMI GURSAMI
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :6/1 B, VAIYAPURI NAGAR, KURUMBAPALAYAM (PO), S.S. KULAM (VIA),
(86) International Application No	:NA	COIMBATORE 641 107 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. G. KARUPPUSAMI GURUSAMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The device is for automatically controlling the water level in overhead tanks and in underground tanks. The switch which is mounted on the top of the overhead tank is operated by two floats connected to it by plastic ropes. As a result of water consumption, if the water level in the overhead tank is reduced below the top float and half of the bottom float, then the switch is actuated resulting in switching on of the pump motor. The water is pumped into the overhead tank and as soon as the water level rises above the bottom float, the bottom float floats. As soon as the water level rises up to the middle of top float, then the pump motor is switched off automatically. The motor is protected from dry running by the device installed on the top of the underground tank. The pump motor is switched off automatically if the water level in the underground sump is below the predetermined level.

No. of Pages: 15 No. of Claims: 3

(21) Application No.4077/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NOISE GENERATOR FOR USE IN X-BAND WAVEGUIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)SLRDC, HAL Address of Applicant: AGM (D) SLRDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India (72)Name of Inventor: 1)KOTI VENKATA RAMANA RAO 2)PAVAN KUMAR PATIL
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	2)I AVAN KUMAK I ATIL

(57) Abstract:

The noise generator for use in X-band waveguides consists of a Schottky barrier diode in reverse biased condition as an active noise generating element. The current through the diodes determines noise output at various frequencies. The diodes that are used at microwave frequencies should have high switching characteristics from forward conduction region to reverse conduction region. The Schottky barrier diode is the ideal choice for developing X-band noise generator for waveguide applications.

No. of Pages: 8 No. of Claims: 4

(21) Application No.4078/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: MOUNTING TRAY FOR 1/4TH (SHORT) ATR SIZE AVIONIC EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)SLRDC, HAL Address of Applicant: AGM (D) SLRDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India (72)Name of Inventor: 1)KATIKALA RAVI KUMAR 2)GANAMUKKULA MALLESH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	2)GINANICEN MILLEST

(57) Abstract:

There is a functional requirement of easy and quick installation and un installation of the avionic equipment and holding the equipment firmly with positive locking in the aircraft. And also to bear the structural loads which are coming from aircraft structure to equipment during flying, landing and takeoff. To cater above said functional requirement mounting tray has been designed. Avionic equipment is firmly held in the mounting tray by means of connector fixing at the rear and positive locking at the front with front hold down. For Details of Mounting tray

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

(21) Application No.4079/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: VOR/ILS DIPLEXER WITH EMI SUPPRESSION

(71) T	G01G	(71)NI CA II
(51) International classification	:G01S	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SLRDC, HAL, ACCESSORIES DIVISION
(32) Priority Date	:NA	HYDERABAD
(33) Name of priority country	:NA	Address of Applicant :AGM (D) SLRDC HINDUSTAN
(86) International Application No	:NA	AERONAUTICS LIMITED, ACCESSORIES DIVISION,
Filing Date	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. M. LAKSHMANA KISHORE
Filing Date	:NA	2)MS. T. CHAITANYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A There is a need to protect the VOR/ILS/MKR Receiver from Very strong and dangerous RF emissions. The emissions are as high as 200V/m in signal strength. VOR/ILS/MKR receiver is connected to 3 functional antennas, (i) VOR/LOCALISER (ii) GLIDE SLOPE (iii) MARKER. Any strong signal incident on the antenna configuration can damage the VOR/ILS/MKR receiver. The safe performance of VOR/ILS/MKR receiver is ensured by passing the signals through a special Diplexer unit with built-in strong RF-field protection. The Diplexer has been tested to 100 KHz- 40GHz with EMI of 200V/m. In addition, the Diplexer meets all the environmental requirements as per MIL-STD-810D and landing arrestor shock test requirement as per MIL-STD-810F.

No. of Pages: 11 No. of Claims: 4

(21) Application No.84/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: REFLECTIVE TEXTILE SLEEVE AND METHOD OF CONSTRUCTION THEREOF

(51) International classification :D03D1/00,D03D3/02 (71)Name of Applicant : (31) Priority Document No 1)FEDERAL MOGUL POWERTRAIN INC. :61/494927 (32) Priority Date Address of Applicant :26555 Northwestern Highway :09/06/2011 (33) Name of priority country Southfield MI 48033 U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/041824 1)KASHIHARA Emi Filing Date :11/06/2012 (87) International Publication No :WO 2012/170981 2)TANAKA Kazushi (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A tubular textile heat shield for providing protection against radiant heat to elongate members shielded by the heat shield and method of construction thereof is provided. The tubular textile heat shield includes a tubular wall of interlaced yarn. The interlaced yarn includes polymeric monofilament yarns interlaced with one another. The polymeric monofilament yarns contain reflective aluminum particles interspersed therein as extruded in the yarns wherein the aluminum particles provide a reflective outer surface to the tubular wall and increase the radiant heat resistance of the yarn.

No. of Pages: 8 No. of Claims: 6

(21) Application No.92/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BANKNOTE PROCESSING DEVICE

(51) International classification :G07D9/00,B65H29/60 (71)**Name of Applicant :** 1)OKI ELECTRIC INDUSTRY CO. LTD. (31) Priority Document No :2011261195 (32) Priority Date :30/11/2011 Address of Applicant : 1 7 12 Toranomon Minato ku Tokyo (33) Name of priority country :Japan 1058460 Japan (86) International Application No (72)Name of Inventor: :PCT/JP2012/075699 1)HORIGOME Yuuta Filing Date :03/10/2012 (87) International Publication No :WO 2013/080656 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a banknote processing device capable of accumulating banknotes in a banknote storage unit even when a jam occurs. The banknote processing device is provided with: an insertion port for separating and paying out inserted banknotes a banknote recognition unit for recognizing banknotes that are paid out from the insertion port a banknote storage unit for accumulating the banknotes and a controller for controlling the conveyance of the banknotes so that the banknotes conveyed from the insertion port to the banknote recognition unit are directly conveyed to the banknote storage unit in accordance with the recognition results from the banknote recognition unit. When a jam occurs while the banknotes are being conveyed the controller controls the conveyance of the banknotes so that the separation and paying out of the banknotes from the insertion port is stopped the banknotes for which the banknote storage unit that is the conveyance destination is determined by the banknote recognition unit are conveyed directly to the banknote storage unit and the banknotes for which the conveyance destination is undetermined are ejected.

No. of Pages: 42 No. of Claims: 5

(21) Application No.4070/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: MOUNTING TRAY OF AVIONIC EQUIPMENT

(51) International classification :B64C1/06 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA (63) Filing Date :NA (64) Patent of Application Number :NA Filing Date :NA Filing Date :NA	1)SLRDC, HAL Address of Applicant :AGM (D) SLRDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India (72)Name of Inventor: 1)RAJESWARA RAO METTA 2)RAMAMOHANA RAO NADIPENA
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(57) Abstract:

There is a functional requirement of easy and quick installation and un installation of the avionic equipment and holding the equipment firmly with positive locking in the aircraft. And also to bear the structural loads which are coming from aircraft structure to equipment during flying, landing and takeoff. To cater above said functional requirement mounting tray has been designed. Avionic equipment is firmly held in the mounting tray by means of connector fixing at the rear and positive locking at the front with front hold down. For Details of Mounting tray

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

(21) Application No.4071/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: ELASTOMERIC DIAPHRAGM FOR AIRBORNE APPLICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)SLRDC, HINDUSTAN AERONAUTICS LTD. Address of Applicant: AGM(D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India (72)Name of Inventor: 1)PURUSHOTHAM BHUPATHI
		1)1 CKUSHOTHANI BHUT ATHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The elastomeric diaphragm is the critical driving member of the diaphragm system and is a relatively flexible membrane that accommodates the volume change in dielectric coolants used airborne Radars. An Elastomeric Diaphragm with Hem at its rest position defining a first plane. Displacement about an axis perpendicular to said first plane (is to accommodate volume contraction of the liquid due to change in temperature) is defining second plane, said pre-pressurized first plane being movable away into fully extended position (is to accommodate volume expansion of the liquid due to change in temperature) is defining a third plane. The first plane being spaced at a distance to define a preload distance when diaphragm is at rest, and first and third plane being spaced to define a stroke distance when diaphragm is fully extended. The fully expansion distance is from about 85% to about 120% of said preload position.

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

(21) Application No.4072/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : THREADED SPACER FOR STACKING THE PRINTED CIRCUIT BOARDS (PCB'S) AND SUPPORTING THE MECHANICAL CHASSIS

(51) International classification	:B64C25/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SLRDC, HAL
(32) Priority Date	:NA	Address of Applicant :AGM (D), SLRDC, HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, AVIONICS DIVISION,
(86) International Application No	:NA	BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAJESWARA RAO METTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In Avionic equipment the PCBs with chassis or stacked PCBs must be hold tightly in the LRU when it is subject to high levels of vibration during flight and take off. similarly while maneuvering and landing of the aircraft it subjects to the high acceleration and shock loads. Our objective is design to optimize the height of the Threaded Spacer in such a way that it will withstand and hold the PCBs firmly in the Avionic equipment in such adverse conditions also. Generally Threaded spacer with slot on the top or Hexagonal Threaded spacer will be provided for accessing (i.e. for locking or unlocking).

No. of Pages: 9 No. of Claims: 3

(21) Application No.674/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :12/04/2006 (43) Publication Date : 13/03/2015

(54) Title of the invention: A DECORATIVE DISPLAY DEVICE

(51) International classification	:h05K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BAJAJ AUTO LIMITED
(32) Priority Date	:NA	Address of Applicant :New No. 6, Old No. 157, II Floor,
(33) Name of priority country	:NA	Habibullah Road, T. Nagar, Chennai - 600 017. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AHIR PRASHANT RAGHUNATH
(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 vehicle instrument display having a display housing for mounting on a vehicle and a display panel to accommodate display of at least one printed dial 102 with a needle 104 located above the printed dial, said needle being rotatably responsive to a vehicle parameter, wherein the display panel comprises a three dimensional element 108 between the display panel and the needle 102; the needle sweeps above the said element 108 in operation.

No. of Pages: 14 No. of Claims: 11

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : HERBICIDALLY AND FUNGICIDALLY ACTIVE 3-PHENYLISOXAZOLINE-5-CARBOXAMIDES AND 3-PHENYLISOXAZOLINE-5-THIOAMIDES

(51) International (71)Name of Applicant: :C07D261/04,C07D413/12,C07D417/12 1)BAYER INTELLECTUAL PROPERTY GMBH classification (31) Priority Document Address of Applicant : Alfred Nobel Strasse 10 40789 :11160613.3 Monheim Germany No (72)Name of Inventor: (32) Priority Date :31/03/2011 (33) Name of priority 1)WILLMS Lothar :EPO country 2)SCHMITT Monika H. (86) International 3)FRENZEL Thomas :PCT/EP2012/055323 Application No 4)HAAF Klaus Bernhard :26/03/2012 Filing Date 5)H,,USER HAHN Isolde (87) International 6)HEINEMANN Ines :WO 2012/130798 **Publication No** 7)GATZWEILER Elmar (61) Patent of Addition 8)ROSINGER Christopher Hugh :NA to Application Number 9)DITTGEN Jan :NA Filing Date 10)FEUCHT Dieter (62) Divisional to 11)HILLS Martin Jeffrey :NA **Application Number** 12) RINOLFI Philippe :NA Filing Date 13)KEHNE Heinz

(57) Abstract:

The invention relates to 3 phenylisoxazoline 5 carboxamides and 3 phenylisoxazoline 5 thioamides of formula (I) and to the use thereof as herbicides and fungicides. In formula (I) X X to X and R to R stand for moieties such as hydrogen halogen and organic moieties such as substituted alkyl. A means a bond or a divalent unit. Y stands for a chalcogen.

No. of Pages: 679 No. of Claims: 19

(21) Application No.83/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: SPREAD SPECTRUM SIGNALS IN VEHICLE NETWORK SYSTEMS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04W :13/747,507 :23/01/2013 :U.S.A. :NA	Address of Applicant :1 River Road, Schenectady, New York 12345, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)SODERI, Simone
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)PAPINI, Mario L.
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods for creating an alternative parallel wireless link communication in addition to wireless signals for a vehicle network. Embodiments of the present invention provide a spread spectrum transmission module that transmits a spread spectrum signal to a wayside equipment module in which such spread spectrum signal is reflected and communicated to a transmission module through an uplink communication. The uplink communication includes a first signal received from the wayside equipment module and the spread spectrum signal.

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A METHOD TO DETERMINE SULPHUR CONTENT IN A FUEL USED IN AN INTERNAL COMBUSTION ENGINE

B (71)Name of Applicant :
1)Bosch Limited
Address of Applicant :Post Box No 3000, Hosur Road,
Adugodi, Bangalore 560030, Karnataka, INDIA
2)Robert Bosch GmbH
(72)Name of Inventor:
1)TEICH Christian

(57) Abstract:

The method comprises the following steps: measuring temperature at an inlet of the diesel oxidation catalyst represented as 12; measuring temperature at an outlet of the diesel oxidation catalyst represented as 14; calculating difference in temperature between the inlet and the outlet represented as 16; detecting light off temperature of the diesel oxidation catalyst in dependence of the calculated difference in temperature represented as 18; and determining sulphur content in the fuel in dependence of the light off temperature of the diesel oxidation catalyst represented as 20. The filter may be a diesel particulate filter or an open filter

No. of Pages: 13 No. of Claims: 7

(21) Application No.3903/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A METHOD AND DEVICE FOR GUIDING A USER TO A DESTINATION

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions
(32) Priority Date	:NA	Limited
(33) Name of priority country	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(86) International Application No	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BAINS Sumer
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A navigation device 100 to calculate a path to a destination is disclosed. The navigation device 100 comprises a path description reception means 101 to receive a path description from a user; and a path calculation means 102 to calculate a path to the destination based on the received path description.

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

(22) Date of filing of Application :02/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: REDUCTION OF FALSE ALARMS IN ASSET TRACKING

(51) International classification	:G08B21/02	(71)Name of Applicant :
(31) Priority Document No	:61/514777	1)QUALCOMM INCORPORATED
(32) Priority Date	:03/08/2011	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2012/049632	(72)Name of Inventor:
Filing Date	:03/08/2012	1)DOYLE Thomas F.
(87) International Publication No	:WO 2013/020104	2)JORGENSEN Christine M.
(61) Patent of Addition to Application	:NA	3)HENNENFENT Susan M.
Number	:NA	4)GILL Harleen K.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An asset tracking device and methods prevent false alarms when a tracked asset is intentionally removed from a safe zone. A special mode is enabled on the tracking device or a server by a user. In response the asset tracking device or server may start a first timer providing time for the asset to leave the safe zone. The asset tracking device or server monitors for the device leaving the safe zone. If the asset does not leave the safe zone within this predefined period of time the tracking device or server resets to its normal operating mode. If the asset is removed within the first time period a second timer may be set for a maximum duration that the asset will be outside the safe zone. If the asset is not returned to the safe zone within the second time period the asset or server may send an alarm.

No. of Pages: 50 No. of Claims: 57

(21) Application No.88/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: COEFFICIENT SCANNING IN VIDEO CODING

(51) International classification	:H04N7/26,H04N7/50	(71)Name of Applicant :
(31) Priority Document No	:61/509522	1)QUALCOMM Incorporated
(32) Priority Date	:19/07/2011	Address of Applicant :5775 Morehouse Drive ATTN:
(33) Name of priority country	:U.S.A.	International IP Administration San Diego California 92121 1714
(86) International Application No	:PCT/US2012/047220	U.S.A.
Filing Date	:18/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/012930	1)JOSHI Rajan Laxman
(61) Patent of Addition to Application	:NA	2)SOLE ROJALS Joel
Number	:NA	3)KARCZEWICZ Marta
Filing Date	.11/1	4)ZHENG Yunfei
(62) Divisional to Application Number	:NA	5)WANG Xianglin
Filing Date	:NA	

(57) Abstract:

In an example aspects of this disclosure relate to a method for decoding transform coefficients in a video decoding process that includes decoding a one dimensional array of transform coefficients and performing a scan on the one dimensional array of transform coefficients according to a sub block scan order and a coefficient scan order to produce a block of transform coefficients where the sub block scan order comprises an order in which each sub block of a plurality of sub blocks within the block is scanned and where the coefficient scan order comprises an order in which the transform coefficients corresponding to each sub block of the plurality of sub blocks are scanned.

No. of Pages: 91 No. of Claims: 80

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: PHOTOCHROMIC CURABLE COMPOSITION

(51) International

:C08F2/44,C08F290/06,C09D7/12

classification (31) Priority Document No

:2011152531

(32) Priority Date

:11/07/2011 (33) Name of priority country: Japan

(86) International Application

:PCT/JP2012/067618

:10/07/2012

Filing Date (87) International Publication

:WO 2013/008825

(61) Patent of Addition to :NA **Application Number**

Filing Date

:NA

(62) Divisional to Application Number

:NA :NA

Filing Date

(71)Name of Applicant:

1)TOKUYAMA CORPORATION

(21) Application No.93/CHENP/2014 A

Address of Applicant: 1 1 Mikage cho Shunan shi Yamaguchi

7458648 Japan

(72)Name of Inventor:

1)OTANI Toshiaki

2)TAKENAKA Junji

3)MOMODA Junji

4)IZUMI Shinobu

(57) Abstract:

This photochromic curable composition is characterized by comprising (A) a radical polymerizable component which comprises (A1) a silsesquioxane component having a radical polymerizable group and (A2) a bifunctional radical polymerizable monomer represented by general formula (1) and (B) a photochromic compound. In the formula a is a number of 0 to 30 and b is a number of 0 to 30 with the sum of a and b being 2 to 30 on average; R R R and R are each a hydrogen atom or methyl; and A is a divalent organic group having 1 to 20 carbon atoms. The photochromic curable composition is useful particularly as a photochromic coating material is hard enough not to suffer from scratches in the lens processing step and can yield by a coating method a photochromic lens which exhibits excellent photochromic characteristics such as excellent color density fade speed and repetition durability.

No. of Pages: 96 No. of Claims: 16

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: DRAFT ANGLE AROUND DISPLAY WINDOW IN A COCKPIT CONTROL DISPLAY UNIT

(57) Abstract:

Control display units (CDU) in the cockpit of an aircraft are the eyes of a pilot. These are devices which notify the pilot about various systems in the aircraft, help to communicate with ground crew, and support to accomplish a safer flight envelope. Illumination, Lighting configuration and display window position in the cockpit are sensitive and serious issues. If there is an insufficient or improper display of data, pilot may infer belie data which may lead to adversity. Hence, Control unit design is very critical has to be done taking in to considerations of all mechanical, electrical and ergonomic aspects. To cater above said functional requirement locating pin has been designed. CDU is incorporated with a display window for displaying the data. In Some cases, due to location of the CDU, the data displayed in it may not be the one which pilot interpret. During this cases, the geometry around the display window plays major role for accurate observation of data. A correct draft angle around the display window according to the location of the unit aids pilot to view the data appropriately.

No. of Pages: 8 No. of Claims: 3

(21) Application No.94/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: AUTOMATED SIZE SELECTION OF NUCLEIC ACIDS

:WO 2012/171127

(51) International classification :C12Q1/68,C12M1/34,C12M1/42 (71)Name of Applicant :

(31) Priority Document No :61/497586 (32) Priority Date :16/06/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/CA2012/050404

No :15/06/2012

Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)BRITISH COLUMBIA CANCER AGENCY BRANCH

Address of Applicant :675 West 10th Avenue Vancouver

British Columbia V5Z 1L3 Canada

(72)Name of Inventor:

1)COOPE Robin J. Noel

2)SLOBODAN Jared Raymond

(57) Abstract:

Apparatus and methods for size selecting nucleic acid molecules having wide range of applications including the production of DNA libraries for sequencing technologies. An automated high throughput system for size selection of multiple nucleic acid samples that uses imaging technique to detect the progress of a target fraction and feedback from the imaging to control electrophoresis. Predictive algorithms for timed nucleic acid extractions are generated to provide size selected nucleic acid molecules of required size ranges.

No. of Pages: 52 No. of Claims: 91

(21) Application No.97/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014 (43) Publication Date: 13/03/2015

(54) Title of the invention: SCAFFOLD KINASE INTERACTION BLOCKADES AND USES THEREOF IN TREATING **CANCER**

(51) International classification :A61K38/16,A61K38/00 (71)Name of Applicant : (31) Priority Document No :61/494774

:NA

(32) Priority Date :08/06/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/032375 Filing Date :05/04/2012

(87) International Publication No :WO 2012/170113

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

1) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY

Address of Applicant: 1705 El Camino Real Palo Alto

California 94306 1106 U.S.A. (72)Name of Inventor:

1)JAMESON Katherine LaRoque

2)KHAVARI Paul A.

(57) Abstract:

Filing Date

Aspects of the invention include compositions and methods for inhibiting the interaction between scaffold proteins and kinases. These compositions and methods find a number of uses including for example suppressing tumor growth and metastasis and reducing tumor size and number in a mammal with cancer.

No. of Pages: 143 No. of Claims: 21

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NANOCELLULOSE COMPOSITES AND METHODS FOR THEIR PREPARATION AND USE

(51) International alegaification	.C00E220/00	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)EMPIRE TECHNOLOGY DEVELOPMENT LLC
(32) Priority Date	:NA	Address of Applicant :2711 Centerville Road, Suite 400,
(33) Name of priority country	:NA	Wilmington, DE 19808, United States of America. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sivaraman RAGHU
(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:

Methods of forming a nanocellulose composite are provided. The methods can include blending a copolymer with a nanocellulose to form the nanocellulose composite. The copolymer can be a reaction product of a first monomer, a second monomer, and a third monomer. The first monomer is a hydrophilic monomer, the second monomer is a cellulose-reactive monomer and the third monomer is an amphiphobic monomer.

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

(21) Application No.4054/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: MULTILAYER LOOM TECHNOLOGY

(51) Intermetional elegation	.D06M15/00	(71)Nome of Applicant
(51) International classification	:D00M13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PERIYAPATTY SUBRAMANIAM RAMANTHAN
(32) Priority Date	:NA	Address of Applicant :1/76 A, PERIYAPATTY
(33) Name of priority country	:NA	KATTUKOTTAI, PERIYAPATTY VILLAGE & POST,
(86) International Application No	:NA	SEMMANDPATTY VIA, OMALUR TALUK, SALEM
Filing Date	:NA	DISTRICT - 636 309 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PERIYAPATTY SUBRAMANIAM RAMANTHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The method or technology is very much useful to lower the cost of fabric cost in all means and reduce the time needed to produce textile / cloth. The weavers wages also get increased. Although the invention has been explained in relation to its preferred embodiment(s) as mentioned above, it is to be understood that many other possible modifications and variations can be made without departing from the scope of the present invention. It is, therefore, contemplated that the appended claim or claims will cover such modifications and variations that fall within the true scope of the invention.

No. of Pages: 12 No. of Claims: 3

(22) Date of filing of Application :03/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: SYSTEM AND METHOD FOR AUTOMATED PARKING MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G08G1/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Rajamanickam Karthikeyan Address of Applicant:#3321, 2nd floor, 12th 'A' Main Road, H.A.L. IInd Stage, Indira Nagar, Bangalore 560038 Karnataka India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	1)Rajamanickam Karthikeyan
Filing Date	:NA	

(57) Abstract:

A system and method for automated parking management of vehicles, the system includes a number of sensors for identifying parking activities in a parking area. The system also includes a parking sensing module communicably connected to the plurality of sensors and configured to analyze the parking activities in the parking area. The system also has a parking slot allocation module configured to receive data associated with the parking activities from the parking sensing module and to identify a parking slot for an entry vehicle based on one of an user preference and a system preference. The system also includes a parking assistance module configured to provide directional assistance to the entry vehicle for parking in the identified parking slot. The system helps drivers to identify a parking slot and leading the vehicle to the parking slot and also utilizes the available parking space to the maximum.

No. of Pages: 36 No. of Claims: 14

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/03/2015

(54) Title of the invention : ELECTRICAL CONNECTOR AND ASSEMBLY THEREWITH HAVING A SPRING-APART FUNCTION

(51) International classification	:H01R13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Tyco Electronics Corporation India Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :of TE Park 22B Doddenakundi
(33) Name of priority country	:NA	Industrial Area 560048 Bangalore Kerala India
(86) International Application No	:NA	2)Tyco Electronics UK Ltd
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MARSH John
(61) Patent of Addition to Application Number	:NA	2)KT Gopi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Electrical connector and assembly therewith having a spring-apart function The present invention relates to an electrical connector (2), in particular for establishing an electrical connection with a squib of an airbag arrangement in a vehicle, the connector (2) being adapted to be mated with a mating connector (3) along a plug direction (P). Further, the invention relates to an electrical plug-in connector assembly (1), in particular for establishing an electrical connection with a squib of an airbag arrangement in a vehicle, comprising a connector (2), a mating connector (3) adapted to be mated with the connector (2) along a plug direction (P), via a spring-apart position (N), in which the connector (2) is at the most partly mated with the mating connector (3). In order to indicate that the connector (2) and/or the plug-in connector assembly (1) have not yet properly reached a fully mated position (M), the present invention provides a spring arrangement (5) providing a spring-apart face (52) facing into the plug direction (P) and being displaceable at the connector (2) against a spring-apart force (FA) acting in the plug direction (P), and/or a spring arrangement (5) exerting a spring-apart force (FA)) between the connector (2) and the mating connector (3) at least in the spring-apart position (N), the spring-apart force (FA) acting on the connector (2) in a direction opposite to the plug direction (P), respectively. In an advantageous embodiment, the spring-apart function can be disengaged by means of a locking member (4).

No. of Pages: 26 No. of Claims: 17

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : NOVEL CARBON MATERIAL FOR HIGHLY EFFICIENT WASTE WATER TREATMENT AND PROCEDURES THEREOF

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SASTRA University
(32) Priority Date	:NA	Address of Applicant :Tirumalaisamudram, Thanjavur 613
(33) Name of priority country	:NA	401, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)REDDY, G. Rajendra Kumar
(87) International Publication No	: NA	2)PARTHASARATHY, Meera
(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 a process for preparing porous carbon nanoparticles from crude carbon for treatment of waste water. The process comprises heating the crude carbon in a furnace at a first predefined temperature for a first predefined duration. The crude carbon is carbon waste obtained from carbon ink based devices, such as a photocopier or a printer. The method further comprises washing the heated carbon with an organic solvent and re-heating the washed carbon at a second predefined temperature for a second predefined duration to prepare the porous carbon nanoparticles.

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

(22) Date of filing of Application :12/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF VILAZODONE HYDROCHLORIDE CRYSTALLINE FORM IV

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)SYMED LABS LIMITED Address of Applicant:8-3-166/6&7, II FLOOR, SREE
(33) Name of priority country (86) International Application No	:NA :NA	ARCADE, ERRAGADDA, HYDERABAD - 500 018 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)MOHAN RAO DODDA 2)JITHENDER AADEPU
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided herein are improved, commercially viable and consistently reproducible processes for the preparation of highly pure crystalline Form IV of Vilazodone hydrochloride, which is free from other polymorphs and undesired solvated forms. Provided also herein is a highly pure and stable Vilazodone hydrochloride crystalline Form IV essentially free of other solid state forms. The highly pure Vilazodone hydrochloride crystalline Form IV essentially free of other solid state forms, made by the processes disclosed herein for use in the pharmaceutical compositions, has a D90 particle size of less than or equal to about 100 microns.

No. of Pages: 32 No. of Claims: 24

(21) Application No.7855/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: PYRAZOLO [4 3 D] PYRIMIDINES USEFUL AS KINASE INHIBITORS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:61/31/382 :21/04/2011 :U.S.A. :PCT/EP2012/001737 :23/04/2012 :WO 2012/143144 :NA	(71)Name of Applicant: 1)ORIGENIS GMBH Address of Applicant: Am Klopferspitz 19a 82152 Martinsried Germany (72)Name of Inventor: 1)ALMSTETTER Michael 2)THORMANN Michael 3)TREML Andreas 4)TRAUBE Nadine
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to novel compounds of formula (I) that are capable of inhibiting one or more kinases especially SYK (Spleen Tyrosine Kinase) LRRK2 (Leucine rich repeat kinase 2) and/or MYLK (Myosin light chain kinase) or mutants thereof. The compounds find applications in the treatment of a variety of diseases. These diseases include autoimmune diseases inflammatory diseases bone diseases metabolic diseases neurological and neurodegenerative diseases cancer cardiovascular diseases allergies asthma alzheimer s disease parkinson s disease skin disorders eye diseases infectious diseases and hormone related diseases.

No. of Pages: 433 No. of Claims: 29

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention: BUFFERING PREDICTION DATA IN VIDEO CODING

:NA

(51) International classification :H04N7/26,H04N7/34,H04N7/36 (71)Name of Applicant : 1)QUALCOMM INCORPORATED (31) Priority Document No :61/509933 (32) Priority Date :20/07/2011 Address of Applicant: 5775 Morehouse Drive ATTN: (33) Name of priority country International IP Administration San Diego California 92121 1714 :U.S.A. (86) International Application U.S.A. :PCT/US2012/047073 (72)Name of Inventor: :17/07/2012 Filing Date 1)CHIEN Wei Jung (87) International Publication 2)ZHENG Yunfei :WO 2013/012867 3)WANG Xianglin (61) Patent of Addition to 4)KARCZEWICZ Marta :NA Application Number 5)GUO Liwei :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

In an example aspects of this disclosure relate to a method of coding video data that generally includes determining prediction information for a block of video data where the block is included in a coded unit of video data and positioned below a top row of above neighboring blocks in the coded unit and where the prediction information for the block is based on prediction information from one or more other blocks in the coded unit but not based on prediction information from any of the top row of blocks in the coded unit. The method also generally includes coding the block based on the determined prediction information.

No. of Pages: 86 No. of Claims: 52

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING APPLICATIONS IN A RENDERED OUTPUT OF A WEBPAGE

	G0 (F1 7 /00	(71)
(51) International classification	:G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore -560037, Karnataka, India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)NAGARAJU, Samudrala
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a method and apparatus for providing applications in a rendered output of a webpage. In one embodiment, a request for accessing web content from a user device is received. The request may include information associated with the user device. The information associated with the user device comprises information regarding operating system version of the user device, type of browser, type of service operator, and device manufacturer of the user device. Based on the information, one or more applications from one or more application stores are obtained. Accordingly, the one or more applications obtained from the one or more application stores are rendered along with web content on a web page.

No. of Pages: 25 No. of Claims: 11

(21) Application No.4056/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A HERBAL HAIR WASH FORMULATION/COMPOSITION IN POWDER FORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K8/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CAVINKARE PVT. LTD. Address of Applicant: CAVIN VILLE, NO.12, CENOTAPH ROAD, CHENNAI - 600 018 Tamil Nadu India (72)Name of Inventor: 1)TARA KANNAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)JAYAGANESH. S 3)MEENAKSHI NARAYANAN

(57) Abstract:

A herbal hair wash formulation/composition in powder form comprising anionic surfactant, cationic polymer, silicone emulsion in selective combination with powdered herbal / agricultural materials with improved conditioning attributes whereupon said selective combination of powdered herbal / agricultural materials provides for improved synergistic attributes of good foam, cleansing, softness of washed hair while wet, softness of hair after drying, ease of combing of dried hair & making hair manageable vis-a-vis inorganic fillers in combination. Advantageously, the powdered herbal / agricultural materials in said herbal hair wash formulation/ composition while imparting the desired synergy to the composition also favours extended shelf life and when applied on the hair as a paste also favours ease of application.

No. of Pages: 32 No. of Claims: 13

(22) Date of filing of Application :25/02/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention: MOTION SIMULATOR

(51) International classification	:a63F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Brogent Technologies Inc.
(32) Priority Date	:NA	Address of Applicant: 15-1 260 Jung-Shang 2nd Rd.
(33) Name of priority country	:NA	Kaohsiung City Taiwan R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DENG-HORNG LAI
(87) International Publication No	: NA	2)KE-CHENG CHIEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A motion simulator includes a moving device, a driving device, and a plurality of seats. The moving device includes a roof plate. The driving device includes a fixing plate, a moveable plate, six bearing supports, and six actuators. The fixing plate is secured on the roof plate. Three bearing supports are secured on the fixing plate, and the other three bearing supports are secured on the moveable plate. The six actuators are connected to the six bearing supports respectively, and are pivoted between the fixing plate and the moveable plate.

No. of Pages: 23 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3376/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 13/03/2015

(54) Title of the invention: NOVEL PROCESS FOR THE PREPARATION OF LINEZOLID

(51) International classification	:C07D263/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OPTIMUS DRUGS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, NARMADA ARCADE,
(33) Name of priority country	:NA	ABOVE HDFC BANK, SNEHAPURI COLONY,
(86) International Application No	:NA	HYDERABAD - 500 076 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VENNAPUREDDY RAVINDER REDDY
(61) Patent of Addition to Application Number	:NA	2)VV SRINIVASA RAO
Filing Date	:NA	3)DESIREDDY SRINIVASA REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to novel, cost effective and industrially viable process for the preparation of Linezolid. The present invention provides an improved process for preparing an intermediate of formula (IV), used in the synthesis of Linezolid.

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN AUTOMATED WASHING AND SANITIZING MECHANISM FOR A TOILET

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :NA :NA	(71)Name of Applicant: 1)Shreyas.H.S Address of Applicant: S/o Shivaramaiah. M, #2126/b, 6th cross, kuvempunagar, channapatna, Ramanagara District, Karnataka, India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)Shreyas.H.S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an automated toilet bowl cleaning mechanism. In one embodiment, the mechanism includes a toilet bowl having a toilet bowl side wall defining a toilet bowl interior and a toilet bowl rim attached to said toilet bowl side wall, a disinfectant conduit assembly positioned inside the toilet bowl interior, wherein the assembly includes a conduit and a plurality of outlet positioned equidistance apart over the conduit, a line tube coupled to the disinfectant conduit assembly, the line tube is for supplying disinfectant to the toilet bowl over the disinfectant conduit via the plurality of outlets and a cleaning blade attached to the disinfectant conduit assembly, the cleaning blade travels over the disinfectant conduit over the toilet bowl, where the cleaning blade and the supply of the disinfectant are synchronized such that the movement of the cleaning blade is proportional to the disinfectant depart from disinfectant conduit outlets.

No. of Pages: 20 No. of Claims: 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3895/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: A TOILET SEAT ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)Shreyas.H.S Address of Applicant:S/o Shivaramaiah. M, #2126/b, 6th cross, kuvempunagar, channapatna, Ramanagara District, Karnataka, India (72)Name of Inventor: 1)Shreyas.H.S
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a multi-user toilet seat assembly. In one embodiment the seat assembly includes a seat having one or more plates forming a stack, where the seat is hinged to rim of a toilet bowl. Further, the one or more plates having at least one primary plate and one or more of secondary plates, the primary plate is at a stationary position over the rim of the toilet bowl and the secondary plates are integrated within the primary plate, the secondary plates are variably accustomed to provide opening for diverse seating.

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

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: VIDEO ENCODING METHOD VIDEO ENCODING DEVICE VIDEO DECODING METHOD VIDEO DECODING DEVICE AND VIDEO ENCODING/DECODING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:29/05/2012 :WO 2012/164908 :NA :NA	(71)Name of Applicant: 1)PANASONIC CORPORATION Address of Applicant:1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor: 1)SUGIO Toshiyasu 2)NISHI Takahiro 3)SHIBAHARA Youji 4)TANIKAWA Kyoko 5)SASAI Hisao
(62) Divisional to Application Number Filing Date	:NA :NA	6)MATSUNOBU Toru

(57) Abstract:

This video encoding device (100) is provided with: a predicted motion vector candidate calculation unit (114) that calculates predicted motion vector candidates and the number of predicted motion vector candidates; an inter prediction control unit (111) that selects the optimal predicted motion vector candidate; and a variable length encoding unit (116) that sets the number of predicted motion vector candidates to a list size for predicted motion vector candidates and allocates a bit sequence that is in accordance with the list size for predicted motion vector candidates to a predicted motion vector index used in motion vector encoding performing variable length encoding.

No. of Pages: 198 No. of Claims: 47

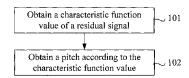
(22) Date of filing of Application :23/12/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PITCH SEARCH

		(71)Name of Applicant :
		1)HUAWEI TECHNOLOGIES CO., LTD.
(71) T 1 1	C10I 10/12	
(51) International classification	:G10L19/12	Address of Applicant :HUAWEI ADMINISTRATION
(31) Priority Document No	:200810247031.1	BUILDING BANTIAN, LONGGANG DISTRICT,
(32) Priority Date	:30/12/2008	SHENZHEN, GUANGDONG 518129, P.R. CHINA
(33) Name of priority country	:China	(72)Name of Inventor:
(86) International Application No	:NA	1)ZHANG, DEJUN
Filing Date	:NA	2)XU, JIANFENG
(87) International Publication No	: NA	3)MIAO, LEI
(61) Patent of Addition to Application Number	:NA	4)QI, FENGYAN
Filing Date	:NA	5)ZHANG, QING
(62) Divisional to Application Number	:NA	6)LI, LIXIONG
Filing Date	:NA	7)MA, FUWEI
		8)GAO, YANG
		9)TADDEI, HERVE, MARCEL

(57) Abstract:

The present invention relates to a method and apparatus for pitch search. One method includes: obtaining a characteristic function value of a residual signal, where the residual signal is a result of removing a Long-Term Prediction (LTP) contribution signal from input speech signals; and obtaining a pitch according to the characteristic function value of the residual signal.



No. of Pages: 28 No. of Claims: 16

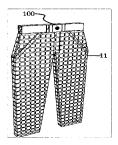
(22) Date of filing of Application :04/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: NOVEL GARMENT FOR ANTI-MOLESTATION.

(51) T	A 41112 (00	(71) N
(51) International classification	:A41H3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VED PRAKESH RAM
(32) Priority Date	:NA	Address of Applicant :VISHAL FOOTWEAR, KABIR
(33) Name of priority country	:NA	ASHRAM STATION ROAD, WARD NO.25, SAMASTIPUR,
(86) International Application No	:NA	BIHAR-848101
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MAMTA KUMARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A protective device and a method thereof for preventing molestations. The present invention relates to security device present on a garment for anti- molestation and a method thereof. The device comprises a motion sensor (14) for detecting speed of a person; a microprocessor for receiving one or more signals from motion sensor (14); a camera (12) coupled to the device (100) for taking pictures of a person in an emergency condition; and a GSM module (13) for sending said pictures to different people at different locations. The method comprising the steps of, detecting speed of a person by a motion sensor (14); receiving one or more signals from the motion sensor (14) by a microprocessor; clicking pictures of the person in an emergency condition by a camera (12) attached to the device (100); and sending the pictures to different people at different locations through GSM module (13).



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

(21) Application No.735/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :04/07/2014 (43) Publication Date : 13/03/2015

(54) Title of the invention : A ROPE STORAGE UNIT, A METHOD FOR INSTALLING ELEVATOR AND A METHOD FOR FABRICATING ROPE STORAGE UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application Number 	:B60P7/06 :13183080 :05/09/2013 :EPO :NA :NA	FINLAND (72)Name of Inventor: 1)LEHTINEN, HANNU 2)IKONEN, ANTTI
(61) Patent of Addition to Application Number	:NA :NA	3)LAMPINEN, RIKU
Filing Date (62) Divisional to Application Number	:NA :NA	4)CORNEA, TOMA 5)KOSKINEN, ANTTI
Filing Date	:NA	

(57) Abstract:

The invention relates to a rope storage unit (1), comprising a rope reel (2), formed by a rope (3,3,3,3) wound in a spiral form; and a support body (4) provided with an inner space (5) inside which the rope reel (2) is positioned supported by the support body (4). The rope (3,3,3,3) is a rod having a straight form when in rest state and elastically bendable away from the straight form, the rope (3,3,3,3) being under substantial bending tension in said spiral form, and in that the support body (4) comprises one or more support members (6) delimiting said inner space (5) and surrounding radially said rope reel (4), the outer rim of the rope reel (2) radially compressing against said one or more support members (6) as an effect of said bending tension. The invention also relates to a method for installing an elevator rope implementing said rope storage unit, as wella as to a method for fabricating said rope storage unit.

No. of Pages: 35 No. of Claims: 18

(22) Date of filing of Application :16/02/2010 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND APAPRATUS FOR MAPPING AND DE-MAPPING IN AN OPTICAL TRANSPORT NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant: HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT, SHENZHEN, GUANGDONG 518129, P.R. CHINA (72)Name of Inventor: 1)VISSERS, MAARTEN 2)WU, QIUYOU 3)XIAO, XIN 4)SU, WEI
Filing Date	:NA :NA	4)SU, WEI

(57) Abstract:

The embodiments of the present invention disclose method and apparatus for mapping and de-mapping in an optical transport network, where the mapping method includes: constructing an Optical Channel Data Tributary Unit (ODTU) according to an amount M of time slots of a High Order Optical Channel Payload Unit (HO OPU) to be occupied by a Low Order Optical Channel Data Unit (LO ODU); mapping the LO ODU to a payload area of the ODTU in a M-byte granularity; encapsulating overhead information to the payload area of the ODTU; and multiplexing the ODTU, which has been mapped the LO ODU and encapsulated with the overhead information, to the HO OPU, so as to provide a high-efficient and universal mode for mapping the LO ODU to the HO OPU.



No. of Pages: 28 No. of Claims: 15

(22) Date of filing of Application :23/12/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention: SIGNAL COMPRESSION METHOD AND APPARATUS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number : N	G08C19/16 200810247024.1 30/12/2008 China NA NA NA NA NA NA NA NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant: HUAWEI ADMINISTRATION BUILDING BANTIAN, LONGGANG DISTRICT, SHENZHEN, GUANGDONG 518129, P.R. CHINA (72)Name of Inventor: 1)QI, FENGYAN 2)MIAO, LEI 3)XU, JIANFENG 4)ZHANG, DEJUN 5)ZHANG, QING 6)TADDEI, HERVE, MARCEL
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(57) Abstract:

The present invention relates to audio compression. A signal compression method and apparatus are provided. The signal compression method includes: multiplying an input signal by a window function; calculating original autocorrelation coefficients of a windowed input signal; calculating a white-noise correction factor or a lag-window according to the original autocorrelation coefficients, and calculating modified autocorrelation coefficients according to the original autocorrelation coefficients, the white-noise correction factor and the lag-window; calculating linear prediction coefficients according to the modified autocorrelation coefficients; and outputting a coded bit stream according to the linear prediction coefficients. The technical solution under the present invention avoids ill-conditioned cases of special input signals, makes the modified autocorrelation coefficients more suitable for subsequent compression, improves the compression efficiency of a lossless coder and the quality of reconstructed speech signals of a lossy coder, and involves only simple operations.



No. of Pages: 49 No. of Claims: 15

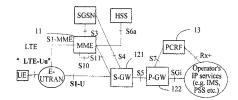
(22) Date of filing of Application :22/01/2010 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING USER EQUIPMENT, AND METHOD FOR TRANSMITTING AND ALLOCATING A TEMPORARY IDENTIFIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:28/07/2008 :WO 2009/015595 :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant: HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT, SHENZHEN, GUANGDONG 518129, P.R. CHINA (72)Name of Inventor: 1)GUO, XIAOLONG 2)LI, MING

(57) Abstract:

A method and an apparatus for identifying a UE in an SAE network, and an MME are provided herein. The method includes: receiving an SAE-TMSI which is allocated to a UE that accesses an SAE network and includes at least: a pool-ID, an MME-ID, and a UE temporary identifier; using the SAE-TMSI to temporarily identify the UE in the SAE network. The apparatus includes: a receiving unit and a temporary identifying unit. The MME includes a temporary identifier allocating unit. Moreover, a method for transmitting and allocating a temporary identifier, and a method for receiving and transmitting information according to the temporary identifier are disclosed herein.



No. of Pages: 38 No. of Claims: 15

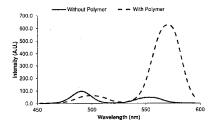
(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: HYPOXIA-TARGETED POLYMERIC MICELLES FOR CANCER THERAPY AND IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 51/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BRIJ P, GIRI Address of Applicant:3100 HARROW WAY, SHELBY TOWNSHIP, MICHIGAN 48316, UNITED STATES OF AMERICA 2)KRISTINA GREGG 3)PRITAM SINGH 4)DINESH J. DAGLI 5)ANSHU GIRI (72)Name of Inventor: 1)BRIJ P, GIRI 2)KRISTINA GREGG 3)PRITAM SINGH 4)DINESH J. DAGLI 5)ANSHU GIRI
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(57) Abstract:

The present invention provides a composition and method for targeting hypoxic tumor areas for detection or treatment or a treatment adjuvant for cancer. Specifically, a hypoxia targeting moiety is conjugated to a polymeric micelle containing imaging agents, therapeutic adjuvants.



No. of Pages: 43 No. of Claims: 23

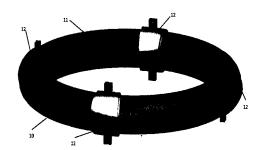
(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : GENERATING ELECTRICITY BY CONTROLLED AND GUIDED FLOW OF MAGNETIC PARTICLE BY AN ELECTROMAGNETIC ARRANGEMENT.

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date Filing Date SNA (88) International Publication No Filing Date Filing Date Filing Date Filing Date Filing Date Filing Date SNA	(71)Name of Applicant: 1)ANESH KUMAR Address of Applicant: ANESH KUMAR S/O ANIL KUMAR, NEAR MASJID, NEW TARIDIH, BODH GAYA, GAYA, BIHAR-824231 INDIA (72)Name of Inventor: 1)ANESH KUMAR
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

This invention is all about a generator (or step up transformer) which is fed with some amount of electrical power and gives output as a high amount of amplified electrical power. It comprises an outer non magnetic circular pipe with a winding over it and an arrangement of circular electromagnets concentric with outer pipe which controls and guides the flow of magnetic particles constituting high electricity in outer coil by magnetic induction. This electromagnetic arrangement is formed by revolving Y- shape structure of steel (a number of silicate steel plates stacked together.) with equal arms on a circular path, and each arm provided with grooves forming T like structure in radial direction of arm. Coiling is done in the groove around T like structure.



No. of Pages: 16 No. of Claims: 9

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AUTOMATED AND WIRELESS CONTROLLED ROAD TEST

		(71)Name of Applicant:
		1)JCB INDIA LIMITED
		Address of Applicant :6,UDAYACHAL, 2ND FLOOR, 9,
(51) International classification	:H04W24/02	RAWDON STREET, KOLKATA 700 017, WEST BENGAL,
(31) Priority Document No	:NA	INDIA(FORMERLY) AND UNIT NO.3B, 3RD FLOOR,
(32) Priority Date	:NA	SHRACHI TOWER BUILDING, PLOT NO.I-25B/I, EAST
(33) Name of priority country	:NA	CALCUTTA AREA DEVELOPMENT PROJECT, P.S. KASBA,
(86) International Application No	:NA	686 ANANDAPUR, KOLKATA 700107, WEST BENGAL,
Filing Date	:NA	INDIA (PRESENTLY), AND ALSO HAVING REGISTERED
(87) International Publication No	: NA	OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE
(61) Patent of Addition to Application Number	:NA	INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI-
Filing Date	:NA	110044, INDIA AND WORKS AT 23/7 MATHURA ROAD,
(62) Divisional to Application Number	:NA	BALLABGARH 121 004, HARYANA, INDIA
Filing Date	:NA	(72)Name of Inventor:
		1)DHRUV SAKSENA
		2)SAURABH DALELA
		3)SANJEEV ARORA

(57)Abstract:

Automated and wireless controlled road test comprising two circuits one is at the remote the other is put in the vehicle, the remote unit uses toggle switches to receive commands such as forward/ reverse or left/right and start / stop emergency stop etc., these commands are received by a microcontroller which processes them and sends signals through an RF transmitter withA33MHz or 315MHz, the unit inside the vehicle has two receivers with different address lines, connected to microcontroller, with relay driver circuits which switch the relays as per microcontroller output having Radio Frequency transmitter which transmits signals and the receiver inside the machine processes these signals and actuates the movement of machine via relays and solenoid, other actuating mechanisms Ganalso be used such PWM sensitive solenoids or electromagnetic servo hydraulic valves in order to control the vehicle via its hydraulics. It is designed with a failsafe mechanism which has a default state to put the machine in a stop state with brakes ON in case of circuit failure.



No. of Pages: 08 No. of Claims: 03

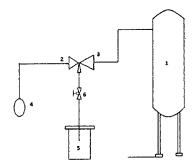
(22) Date of filing of Application :09/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: 'AN IMPROVED SYSTEM FOR LOADING OF RESINS IN A DEMINERALIZATION VESSEL FOR OPERATING A REVERSE OSMOSIS-DEMINERALIZATION PLANT'

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date (1) Short Billing Date Short Billing Sho	1)Name of Applicant: 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant: REGION CAL OPERATIONS IVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR ARUNAMOYEE, SALTLAKE CITY KOLKATA-700091 AVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI DRT, NEW DELHI - 110049, INDIA. 2)Name of Inventor: 1)SONGAPPAN KAILASAM 2)GOVINDASWAMY RAJENDIRAN 3)RAMACHANDRAN GANESH 4)BIBHUTI BHUSAN SAHU 5)MUTHUSWAMY NATARAJAN
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(57) Abstract:

The invention relates to an improved system for loading of resins in a demineralization vessel for operating a Reverse Osmosis-Demineralization plant, the system comprising a transfer vessel for transfer of resin from external sources; a motivating fluid centrifugal pump having a discharge pipe; a modified inlet of a convergent nozzle connected to said discharge pipe; a diffuser constituting an outlet of a divergent nozzle connected to an inlet flange of a demineralization vessel via a flexible hose, wherein the transfer vessel is configured to allow preparation of a resin slurry by mixing resin and water in a ratio of 1:1 and wherein the centrifugal pump is activated and operated at a predetermined flow and pressure such that a required vacuum is created to suck the resin slurry from the transfer vessel and deliver to the demineralization vessel, the created vacuum simultaneously enabling supply of resins into the transfer vessel for preparation of a next batch of resin slurry.



No. of Pages: 13 No. of Claims: 5

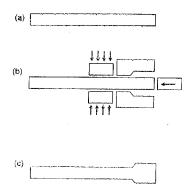
(22) Date of filing of Application :10/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN IMPROVED MECHANICAL COUPLER FOR END-TO-END CONNECTION OF BARS/REBARS IN CONCRETE CONSTRUCTION SITE WITHOUT TURNING THEIR ENDS, OR WELDING

IFIC SERVICES, JAMSHEDPUR-831001, nventor: KUMAR PAUL SISWAS H KUNDU

(57) Abstract:

A mechanical coupler is provided for connecting ends of bars and rebars longitudinally. The coupler can be used to connect bars of different diameter also. The coupling process involves two steps. In the first step, bar ends to be coupled are bulged through forging process. In the second step, mechanical coupler halves are assembled tightly for connecting the ends. Two mechanical coupler halves are funnel shaped and have threads at the mouth of the funnels. During tension, bulge ends of the bars get locked in the narrow end of the funnel and carry loads. Slackness of the coupler assembly can be eliminated by proper tightening the threads of the mouth of the funnel shaped coupler.



No. of Pages: 14 No. of Claims: 5

(22) Date of filing of Application :20/07/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND DEVICE FOR PERFORMING FRAME ERASURE CONCEALMENT TO HIGHER-BAND SIGNAL

(51) International classification :G10L 19/00 (31) Priority Document No :200710153955.0 (32) Priority Date :15/09/2007 (33) Name of priority country :China (86) International Application No :PCT/CN2008/070867 :04/05/2008 Filing Date (87) International Publication No :WO 2009/033375 (61) Patent of Addition to Application :NA Number :NA Filing Date (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

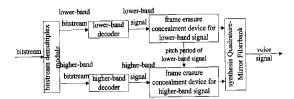
(72)Name of Inventor:

1)XU, JIANFENG 2)MIAO, LEI 3)HU, CHEN 4)ZHANG, QING 5)XU, LIJING 6)LI, WEI 7)DU, ZHENGZHONG 8)YANG, YI 9)OL FENGYAN

9)QI, FENGYAN 10)ZHAN, WUZHOU 11)WANG, DONGQI

(57) Abstract:

The present invention discloses a method for performing a frame erasure concealment to a higher-band signal, including: calculating a periodic intensity of a higher-band signal with respect to a lower-band signal; judging whether the periodic intensity of the higher-band signal is higher than or equal to a preconfigured threshold; if the periodic intensity of the higher-band signal is higher than or equal to the preconfigured threshold, using a pitch period repetition method to perform the frame erasure concealment to the higher-band signal of a current lost frame; and if the periodic intensity of the higher-band signal is lower than the preconfigured threshold, using a previous frame data repetition method to perform the frame erasure concealment to the higher-band signal of the current lost frame. The present invention further discloses a device for performing a frame erasure concealment to a higher-band signal and a speech decoder. The problem that the quality of the voice signal is lowered is avoided.



No. of Pages: 31 No. of Claims: 21

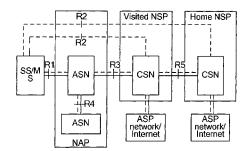
(22) Date of filing of Application :25/01/2010 (43) Publication Date : 13/03/2015

(54) Title of the invention : METHOD AND SYSTEM FOR SETTING UP HEADER COPRESSION COMMUNICATION, HEADER COMPRESSION POLICY FUNCTION ENTITY

(51) International classification :H04L 12/56 (71)Name of Applicant: (31) Priority Document No 1) HUAWEI TECHNOLOGIES CO., LTD. :200710141595.2 (32) Priority Date Address of Applicant : HUAWEI ADMINISTRATION :10/08/2007 BUILDING, BANTIAN, LONGGANG DISTRICT, (33) Name of priority country :China (86) International Application No :PCT/CN2008/071476 SHENZHEN, GUANGDONG 518129, P.R. CHINA Filing Date :27/06/2008 (72)Name of Inventor: (87) International Publication No :WO 2009/021422 1)LIANG, WENLIANG (61) Patent of Addition to Application 2)GU, LIANG :NA Number 3)HE, XIANHUI :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method and a system for setting up header compression communication and a header compression policy function entity are disclosed herein. The method includes: a header compression enforcement function entity receives a header compression indication from a header compression policy function entity; and the header compression enforcement function entity negotiates header compression channel parameters with the other corresponding header compression enforcement function entity to set up header compression channel. A communication system and a header compression policy function entity are disclosed. The embodiments of the present disclosure overcome the failure of implementing the header compression communication in the prior art.



No. of Pages: 33 No. of Claims: 20

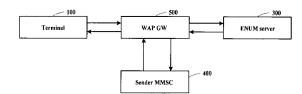
(22) Date of filing of Application :29/10/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD, DEVICE AND SYSTEM FOR IDENTIFYING A SERVICE

(51) International classification :H04L 12/56 (71)Name of Applicant: (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :200710076518.3 (32) Priority Date Address of Applicant : HUAWEI ADMINISTRATION :17/08/2007 (33) Name of priority country BUILDING, BANTIAN, LONGGANG DISTRICT. :China (86) International Application No SHENZHEN, GUANGDONG PROVINCE 518129, P.R. CHINA :PCT/CN2008/071982 (72)Name of Inventor: Filing Date :14/08/2008 (87) International Publication No :WO 2009/024063 1)LI, RONGGAO (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to the communication field and discloses a method, a device and a system for identifying a service to solve the problem in prior art that a service request can not be realized correctly in case of wrong configuration of the terminal. The method for identifying a service in an embodiment of the present invention includes: receiving a service request including a field for indicating a service content type of the service request; resolving the service request to identify the service type of the service request according to the field included in the service request. An embodiment of the present invention also discloses a device and a system for service processing accordingly.



No. of Pages: 20 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 18/01/2010

(21) Application No.214/KOLNP/2010 A

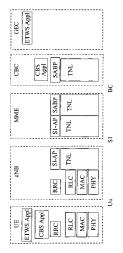
(43) Publication Date: 13/03/2015

(54) Title of the invention : SYSTEM, APPARATUS AND METHODS FOR BROADCASTING AND TRANSMITTING ETWS MESSAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:17/06/2009 :WO 2009/155834 :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO., LTD. Address of Applicant: HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT, SHENZHEN, GUANGDONG 518129, P.R. CHINA (72)Name of Inventor: 1)ZHU, ZUOYAN
Filing Date	:NA	

(57) Abstract:

The present invention relates to an earthquake and tsunami warning system (ETWS) technology, and in particular to a system, apparatus and methods for broadcasting and transmitting an ETWS message. The system for broadcasting and transmitting an ETWS message includes: an ETWS message publishing entity, adapted to publish an ETWS message; a cell broadcast center (CBC), adapted to: encapsulate the ETWS message published by the ETWS message publication entity into a cell broadcast service (CBS) message, and send the CBS message; a mobility management entity (MME), adapted to forward the CBS message sent by the CBC to a radio access network (RAN); and the RAN, adapted to: receive the CBS message forwarded by the MME, and send the received CBS message to a user equipment (UE). The preceding system provides a new technical solution for transmitting an ETWS message, which can guarantee the security of the ETWS message transmission by using the security mechanism of the CBS.



No. of Pages: 38 No. of Claims: 19

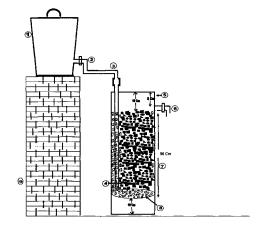
(22) Date of filing of Application :25/03/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AN APPARATUS FOR REMOVAL OF FLUORIDE FROM DOMESTIC WATER.

(51) International classification	:F24B 1/00	(71)Name of Applicant : 1)DR.BIHARI SINGH
(31) Priority Document No	:NA	Address of Applicant : ANANDAN,
(32) Priority Date	:NA	MAHESHNAGAR,ROAD NO. 01, P.O. KESHRI
(33) Name of priority country	:NA	NAGER,PATNA-800024,INDIA
(86) International Application No	:NA	2)DR. KAMAL KISHOR SINGH
Filing Date	:NA	3)DR. ARVIND KUMAR NAG
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.BIHARI SINGH
Filing Date	:NA	2)DR. KAMAL KISHOR SINGH
(62) Divisional to Application Number	:NA	3)DR. ARVIND KUMAR NAG
Filing Date	:NA	
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(57) Abstract:

This invention relates to an apparatus for removal of fluoride from domestic water. Particularly, this invention relates to an apparatus for removal of fluoride from domestic water in which bricks collected from specific areas of the states of Bihar and Jharkhand have been used. More particularly, this present invention relates to an apparatus for removal of fluoride which is low cost, easy to fabricate, easy to operate and easy to change the filter material by the beneficiary families themselves and which is associated with the least health hazard.



No. of Pages: 23 No. of Claims: 10

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : A SYSTEM FOR CONTROLOF DIFFERENTIAL MOTOR CONTRAL MACHINES THROUGH WIRELESS

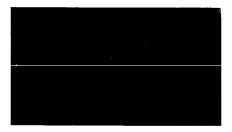
	(71)Name of Applicant:
	1)JCB INDIA LIMITED
	Address of Applicant :6,UDAYACHAL,2ND
:G05D1/00,	FLOOR,9,RAWDON STREET, KOLKATA 700 017,WEST
B64C13/50	BENGAL,INDIA(FORMERLY) AND UNIT NO.3B,3RD
:NA	FLOOR,SHRACHI TOWER BUILDING, PLOT NO.I-25B/I,
:NA	EAST CALCUTTA AREA DEVELOPMENT PROJECT, P.S.
:NA	KASBA, 686 ANANDAPUR,KOLKATA 700107, WEST
:NA	BENGAL,INDIA (PRESENTLY), AND ALSO HAVING
:NA	REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
: NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD,
:NA	NEW DELHI-110044, INDIA AND WORKS AT 23/7
:NA	MATHURA ROAD, BALLABGARH 121 004,
:NA	HARYANA,INDIA
:NA	(72)Name of Inventor:
	1)DHRUV SAKSENA
	2)SAURABH DALELA
	3)SANJEEV ARORA
	B64C13/50 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

A system for control of differential motor control machines through wireless comprises of a vehicle, having a microcontroller to receive the RF signals and execute the commands, a transmitter stationed at control room and a communication device with any commercial operating system, the communication device and the transmitter may communicate with each other via bluetooth or WiFi or near field communication or SMS gateway or GPRS or DTMF, the communication between transmitter and the receiver takes

place through a secured radio frequency channel with might belong to IEEE Zigbee standard or WiFi standard, the receiver will give digital signals to various parts which act as transducers to convert these electrical signals in to mechanical actions; by these actions we

can actuate several valves and control vehicles



No. of Pages: 06 No. of Claims: 03

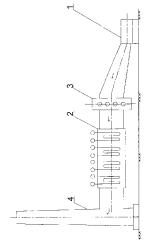
(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : 'AN IMPROVED GAS FIRED DUCT BURNER FOR EFFICIENT COMBUSTION IN HEAT RECOVERY STEAM GENERATOR'

(F1) Leavesting Labority	:F01K	(71)Name of Applicant :
(51) International classification	23/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PAKIRI RAJENDRAN
Filing Date	:NA	2)MANIVEL PILLAI RAJAVEL,
(62) Divisional to Application Number	:NA	3)HAMEED MOHAMED FAROOK BASHA
Filing Date	:NA	4)RAMASAMY ELANKOVAN

(57) Abstract:

The invention relates to an improved gas fired duct burner for efficient combustion in Heat recovery steam generator, the improvement is characterized in that at least one reconfigured baffle plate is rigidly fixed on a dummy header of the duct burner assembly disposed in the heat recovery steam generator (HRSG) to enhance combustion of fuel gas by mixing with the exhaust gas from the turbine, a plurality of reconfigured baffle plates is welded perpendicular to the dummy headers which allows orientation of turbine exhaust gas to generate a short flame length by he burner; the baffle plate is configured with a plurality of holes of variable diameter between 5 mm and 10 mm; each of the plurality baffle plates is welded to maintain a distance of 10 mm to 15 mm between the edges of the baffle plates; and each of the plurality of holes provided in the baffle plates as located in triangular pitch between 75 mm to 100 mm across the plates.



No. of Pages: 16 No. of Claims: 1

(22) Date of filing of Application :10/08/2009 (43) Publication Date : 13/03/2015

(54) Title of the invention: METHOD, APPARATUS AND SYSTEM FOR ESTABLISHING CONNECTION

(51) International classification :H04L 12/56 (71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO., LTD. (31) Priority Document No :200710028575.4 (32) Priority Date Address of Applicant : HUAWEI ADMINISTRATION :14/06/2007 (33) Name of priority country BUILDING, BANTIAN, LONGGANG DISTRICT, :China SHENZHEN, GUANGDONG 518129 (86) International Application No :PCT/CN2008/071158 Filing Date :31/05/2008 (72)Name of Inventor: (87) International Publication No :WO 2008/151544 1)WANG, SHANSHAN (61) Patent of Addition to Application 2)HU, YING :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method for establishing a connection is provided. The method includes the following steps. A mobility management entity generates a create bearer context request message and sends the message to a selected serving gateway. The create bearer context request message at least includes address information of at least one packet data network gateway and corresponding indication information of the protocol type of connection establishment. The serving gateway receives and analyzes the create bearer context request message, and determines the protocol type of the connection according to the indication information of the protocol type of connection establishment. The serving gateway processes the create bearer context request message with the determined protocol type of connection. A mobility management entity, a serving gateway, and a network system which are able to reduce time delay when connection is established are further provided.



No. of Pages: 31 No. of Claims: 15

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention: AUTOMATED TRENCH EXCAVATION SYSTEM

		(71)Nome of Applicant
		(71)Name of Applicant : 1)JCB INDIA LIMITED
		· ·
	·E02E2/42	Address of Applicant :6,UDAYACHAL,2ND FLOOR, 9, RAWDON STREET, KOLKATA 700 017, WEST
(51) International classification		
(21) P P	E02F9/20	BENGAL, INDIA (FORMERLY) AND UNIT NO.3B, 3RD
(31) Priority Document No	:NA	FLOOR,SHRACHI TOWER BUILDING, PLOT NO.I-25B/I,
(32) Priority Date	:NA	EAST CALCUTTA AREA DEVELOPMENT PROJECT, P.S.
(33) Name of priority country	:NA	KASBA, 686 ANANDAPUR,KOLKATA 700107, WEST
(86) International Application No	:NA	BENGAL,INDIA (PRESENTLY), AND ALSO HAVING
Filing Date	:NA	REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
(87) International Publication No	: NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD,
(61) Patent of Addition to Application Number	:NA	NEW DELHI-110044, INDIA AND WORKS AT 23/7
Filing Date	:NA	MATHURA ROAD, BALLABGARH 121 004,
(62) Divisional to Application Number	:NA	HARYANA,INDIA
Filing Date	:NA	(72)Name of Inventor:
		1)DHRUV SAKSENA
		2)SAURABH DALELA
		3)SANJEEV ARORA

(57) Abstract:

Automated trench excavation system comprises of three phases :-

Phase-1: Establishing complete control over all functions of Backhoe loader;

Phase-2: Adding sensors and achieving high accuracy and capability to generate a machine status;

Phase-3: Adding high level computations and calculations to make the machine automated and User-Friendly;

characterizing that system Includes an on-board microcontroller which is used for its abundance of input output control pins, the microcontroller is connected to the on-board computer, the sensors used such as 360 degrees LIDAR are connected directly to the computer via Bthernet and the computer processes the massive amount of data. The microcontroller is also connected to the different array of sensors which give machine status such as acelerometers and gyroscopes it processes this data and sends it on to the computer via USART while it waits for the decision from the computer to actuate it via its I/O pins.



No. of Pages: 07 No. of Claims:04

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : CALCULATING LATITUDINAL ANGEL ANGLE OF MATERIALS/CONSTRUCTION EQUIPMENTS/EARTH-MOVING EQUIPMENTS/ MINING MACHINES

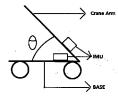
(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Siling Date (83) International Publication No (61) Patent of Addition to Application Number (62) Divisional to Application Number	5/00 JA JA JA JA JA	(71)Name of Applicant: 1)JCB INDIA LIMITED Address of Applicant:6,UDAYACHAL, 2ND FLOOR,9, RAWDON STREET, KOLKATA 700 017, WEST BENGAL, INDIA(FORMERLY) AND UNIT NO.3B,3RD FLOOR,SHRACHI TOWER BUILDING, PLOT NO.I-25B/I, EAST CALCUTTA AREA DEVELOPMENT PROJECT, P.S. KASBA, 686 ANANDAPUR,KOLKATA 700107, WEST BENGAL,INDIA (PRESENTLY), AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI-110044, INDIA AND WORKS AT 23/7 MATHURA ROAD, BALLABGARH 121 004, HARYANA,INDIA (72)Name of Inventor: 1)DHRUV SAKSENA 2)RAVI RAJ SAXENA 3)SAURABH DALELA 4)SANJEEV ARORA
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(57) Abstract:

Calculating latitudinal angle of material handlers/construction equipments/earth-moving equipments/mining machines comprising A 9 DOF (Degrees of Freedom) IMU sensor consists of accelerometer (to measure acceleration), gyroscope (to measure rate of change of

angles) & magnetometer (to measure the amount of magnetic field in 3 axes), the accelerometer measure the acpeleration in x, y, z direction in terms of g (gravity 9.8 m/sq sec). In the figure given below, the vector R is the force vector that the accelerometer is measuring (it could be either the gravitation force or the inertial force from the examples above or a combination of both), Rx, Ry, Rz are projection of the R vector on the X, Y, Z axes or in other words force in X, Y, Z directions to notice the following relation: R2 = Rx2 + Ry2 + Rz2

and this is basically the equivalent of the Pythagorean theorem in 3D; gyroscope measures the rate of changes of the angles (rotation) around the axes. For instance a 2-axes gyroscope will measure the rotation around (or some may say about) the X and Y axes as shown in below figure. In other words it will output a value that is linearly related to the rate of ahange of these angles. To explain this let's assume that we have measured the rotation angle around axis Y (that would be Axz angle) at time to, and we define it as Axz0, next we measured this angle at a later time t1 and it was Axz1. The rate of change will be calculated as follows: RateAxz = $\frac{(Axz1-Axz0)}{(t1-t0)}$. and if we express Axz in degrees, and time in seconds, then this value will be expressed in deg/s.



No. of Pages: 12 No. of Claims: 4

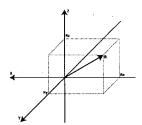
(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

(54) Title of the invention : CALCULATING LATITUDINAL ANGLE OF TRENCHING MACHINES MATERIALS HANDLERS / CONSTRUCTION EQUIPMENTS/EARTH-MOVING EQUIPMENTS/ MINING)

		(71)Name of Applicant :
		1)JCB INDIA LIMITED
		Address of Applicant :6,UDAYACHAL,2ND
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06T17/00, H04N5/262 :NA :NA :NA :NA :NA :NA :NA :NA :NA	FLOOR,9,RAWDON STREET, KOLKATA 700 017,WEST BENGAL,INDIA(FORMERLY) AND UNIT NO.3B,3RD FLOOR,SHRACHI TOWER BUILDING, PLOT NO.I-25B/I, EAST CALCUTTA AREA DEVELOPMENT PROJECT, P.S. KASBA, 686 ANANDAPUR,KOLKATA 700107, WEST BENGAL,INDIA (PRESENTLY), AND ALSO HAVING REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI-110044, INDIA AND WORKS AT 23/7 MATHURA ROAD, BALLABGARH 121 004, HARYANA,INDIA (72)Name of Inventor: 1)DHRUV SAKSENA 2)RAVI RAJ SAXENA 3)SAURABH DALELA 4)SANJEEV ARORA

(57) Abstract:

Calculating longitudinal angle of trenching machines material handlers/construction equipments/earth-moving equipments/mining) comprises of a 9 DOF (Degrees of Freedom) IMU sensor consists of accelerometer (to measure acceleration,, gyroscope (to measure rate of change of angles)&rnagnetometer (to measure the amount of magnetic field in 3 axes), the accelerometer measure the acceleration in x, y, z direction in terms of g (gravity 9.8 m/sq sec). In the figure given below, the vector R is the force vector that the accelerometer is measuring (it could be either the gravitation force or the inertial force from the examples above or a combination of both). Rx, Ry, Rz are projection of the R vector on the X, Y, Z axes or in other words force in X, Y, Z directions to notice the following relation: R2 = Rx2 + Ry2 + Rz2 this is basically the equivalent of the Pythagorean theorem in 3D; gyroscope measures the rate of changes of the angles (rotation) around the axes. For instance a 2-axes gyroscope will measure the rotation around (or some may say about) the X and Y axes as shown in below figure. In other words it will output a value that is linearly related to the rate of change of these angles, to explain this let's assume that we have measured the rotation angle around axis Y (that would be Axz angle) at time t0, and we define it as Axz0, next we measured this angle at a later time t1 and it was Axz1, the rate of change will be calculated as follows: RateAxz = (Axz1-Axz0)/(t1-t0). and If we express Axz in degrees, and time in seconds, then this value will be expressed in deg/s, this is what a gyroscope measures.



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

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 13/03/2015

$(54) \ Title \ of the invention: LIDAR \ ON \ CONSTRUCTION \ EQUIPMENTS/EARTH-MOVING \ EQUIPMENTS/MINING \ MACHINERIES$

		(71)Name of Applicant :
		1)JCB INDIA LIMITED
		Address of Applicant :6,UDAYACHAL,2ND
	:G01C7/02.	FLOOR,9,RAWDON STREET, KOLKATA 700 017,WEST
(51) International classification		BENGAL,INDIA(FORMERLY) AND UNIT NO.3B,3RD
(31) Priority Document No	:NA	FLOOR, SHRACHI TOWER BUILDING, PLOT NO.I-25B/I,
(32) Priority Date	:NA	EAST CALCUTTA AREA DEVELOPMENT PROJECT, P.S.
(33) Name of priority country	:NA	KASBA, 686 ANANDAPUR, KOLKATA 700107, WEST
(86) International Application No	:NA	BENGAL,INDIA (PRESENTLY), AND ALSO HAVING
Filing Date	:NA	REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN
<u>e</u>		
(87) International Publication No	: NA	CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD,
(61) Patent of Addition to Application Number	:NA	NEW DELHI-110044, INDIA AND WORKS AT 23/7
Filing Date	:NA	MATHURA ROAD, BALLABGARH 121 004,
(62) Divisional to Application Number	:NA	HARYANA,INDIA
Filing Date	:NA	(72)Name of Inventor:
		1)DHRUV SAKSENA
		2)SAURABH DALELA
		3)SANJEEV ARORA
		- /

(57) Abstract:

LIDAR on Construction equipments/earth-moving equipments/mining machineries comprising an onboard microcontroller and computer, having a number of ways to connect to on board microcontroller to the LIDAR depending on make of LIDAR, the LIDAR gives a depth map, this map is usually used to detect obstacles however it could be used to also map the ground, at the right angle they can be used to detect depths of trenches and map them completely characterizing the LIDAR depth map being a vital piece of information supplied to the operator both in the vehicle and outside it, the driver can see more while an engineer can monitor the progress, multiple equipment can send their depth maps which can be stitched together to get an overview which can enable better and a more dynamic planning, any remote user needs an image of what is around and this provides him with just that.



No. of Pages :06 No. of Claims : 3

AMENDMENT UNDER SEC.57, KOLKATA

(1)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 206829 (237/CAL/2000) has been amended as follows:

RAHEE INDUSTRIES LIMITED

TO

RAHEE INFRATECH LIMITED

(2)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the address for service in respect of Patent No. 258467 (443/KOLNP2008) has been amended as follows:

P. Majumdar C/o L.S. Davar & Co., 32, Radha Madhab Dutta Garden Lane, Kolkata 700010

TO

L.S. Davar & Co., 32, Radha Madhab Dutta Garden Lane, Kolkata -700010

(3)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 225266 (IN/PCT/2002/01268) has been amended as follows:

SAGEM SECURITE

TO

MORPHO

(4)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the address for service in respect of Patent No. 262708 (2045/KOLNP/2005) has been amended as follows:

I. BANERJEE C/o L.S. Davar & Co., MONALISA, FLATS 1B & 1C CAMAC STREET, KOLKATA – 700 017

TO

Law Firm of Naren Thappeta, #7, Sigma Soft Tech Park, 5th Floor, Beta Block, Whitefield Main Road, Opp. to Varthur Lake, Varthur Kodi, Bangalore, India – 560 066

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the address for service in respect of Patent No. 235705 (551/KOL/2007) has been amended as follows:

Dr. A. Basu C/o D. Sen & Co. 6, Old Post Office Street, Ground Floor, Kolkata – 700001

TO

Dr. Amarjyoti Basu, 'Labanya', Flat – 2 B, 130/1, Brahmo Samaj Road, Kolkata – 700 034

(6)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 201191 (95/CAL/2000) has been amended as follows:

Fasertechnik GmbH Co. KG

TO

NAUE GmbH & Co. KG

(7)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the address for service in respect of Patent Application No. 226/KOLNP/2007 has been amended as follows:

Varun Chhonkar, Ipfeathers, Stylus, Ground Floor, Velocity Phase – 1, Logitech Park Andheri Kurla Road, Andheri (E), Mumbai - 400072

TO

IPFEATHERS, J-1302, Raheja Vihar, Chandivali, Andheri (E), Mumbai, India 400 072

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	265644	8979/DELNP/2007	27/04/2006	28/04/2005	POLAR LIPID MIXTURES, THEIR PREPARATION AND USES	ENZYMOTEC LTD	04/01/2008	DELHI
2	265645	1766/DELNP/2008	05/09/2006	16/09/2005	PHOSPHORUS CONTAINING COMPOUNDS FOR REDUCING ACETALDEHYDE IN POLYESTERS POLYMERS	GRUPO PETROTEMEX, S.A. DE C.V.	27/06/2008	DELHI
3	265649	4607/DELNP/2006	10/02/2005	10/02/2004	METHOD FOR PLACING A LONG DISTANCE CALL BASED ON A VIRTUAL PHONE NUMBER	VONAGE HOLDINGS CORP.	24/08/2007	DELHI
4	265651	5108/DELNP/2007	16/12/2005	18/12/2004	PROCESS FOR PREPARATION OF HIGH- PURITY MELOXICAM AND MELOXICAM POTASSIUM SALT	EGIS GYOGYSZERGYAR NYRT	17/08/2007	DELHI
5	265652	5274/DELNP/2005	15/12/2004	19/12/2003	ERROR CONCEALMENT IN MULTI-CHANNEL AUDIO SYSTEMS	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	02/10/2009	DELHI
6	265653	3887/DELNP/2006	12/01/2005	23/01/2004	A BLADE FOR A WIND ENERGY PLANT COMPRISING SEGMENTED CONDUCTOR MEANS FOR CONDUCTING LIGHTNING	LM GLASFIBER A/S	03/08/2007	DELHI
7	265656	9423/DELNP/2007	24/05/2006	12/07/2005	RESERVING NETWORK RESOURCES FOR A COMMUNICATION SESSION	CISCO TECHNOLOGY, INC.	28/03/2008	DELHI
8	265658	452/DELNP/2006	16/08/2004	20/08/2003	COMPOUNDS FOR THE TREATMENT OF METABOLIC DISORDERS	WELLSTAT THERAPEUTICS CORPORATION	31/08/2007	DELHI
9	265659	368/DEL/2008	12/02/2008 16:54:55		LOW TEMPERATURE SYNTHESIS OF NANOCRYSTALLINE SPINEL POWDER	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION	23/04/2010	DELHI

10	265660	3093/DELNP/2008	19/10/2006	26/10/2005	METHOD FOR CONTROLLING BASE STATIONS IN WIRELESS COMMUNICATION NETWORKS	SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO. KG	27/06/2008	DELHI
11	265661	4864/DELNP/2006	25/02/2005	03/03/2004	CONFIGURATION SYSTEM AND METHOD FOR ABNORMAL SITUATION PREVENTION IN A PROCESS PLANT	FISHER ROSEMOUNT SYSTEMS INC.	10/08/2007	DELHI
12	265662	1606/DELNP/2008	25/08/2006	21/09/2005	METHOD FOR DISPLAYING A NAME ASSIGNED TO A TELEPHONE NUMBER WHEN A CONNECTION IS ESTABLISHED	SIEMENS ENTERPRISE COMMUNICATIONS GMBH & CO. KG	15/08/2008	DELHI
13	265663	2325/DELNP/2007	29/12/2005	12/01/2005	MAINTAINING UNINTERRUPTED SERVICE IN A WIRELESS ACCESS POINT AND CLIENT STATIONS THEREOF	CISCO TECHNOLOGY, INC.	03/08/2007	DELHI
14	265666	4114/DELNP/2004	10/07/2003	10/07/2002	A THIAZOLIDINONE- VINYL FUSED-BENZENE DERIVATIVE	LABORATOIRES SERONO SA.,	27/11/2009	DELHI
15	265669	6550/DELNP/2006	06/04/2005	29/04/2004	METHOD AND APPARATUS FOR SELECTIVELY ENABLING RECEPTION OF DOWNLINK SIGNALING CHANNELS	INTERDIGITAL TECHNOLOGY CORPORATION	31/08/2007	DELHI
16	265675	136/DELNP/2008	14/06/2006	16/06/2005	SCHEDULING DATA TRANSMISSIONS TO IMPROVE POWER EFFICIENCY IN A WIRELESS NETWORK	NOKIA CORPORATION	04/07/2008	DELHI
17	265683	3239/DELNP/2006	16/12/2004	31/12/2003	A BLOOD SEPARATION CHAMBER,BLOOD SEPARATION METHOD AND A METHOD FOR COLLECTING A BLOOD COMPONENT	FENWAL, INC.	24/08/2007	DELHI
18	265688	3304/DELNP/2007	08/09/2006	13/09/2005	A GaN-BASED SEMICONDUCTOR LIGHT-EMITTING DEVICE	SONY CORPORATION	31/08/2007	DELHI
19	265689	2379/DELNP/2006	15/10/2004	17/10/2003	A METHOD FOR PROVIDING MEDIA METERING FUNCTIONALITY TO A PORTABLE DEVICE	NIELSEN MEDIA RESEARCH, INC.	03/08/2007	DELHI
20	265690	5254/DELNP/2007	21/12/2005	21/01/2005	MANAGEMENT AND ASSISTANCE SYSTEM FOR THE DEAF	KATES, LAWRENCE	17/08/2007	DELHI

21	265691	3540/DELNP/2006	22/12/2003	22/12/2003	A SYSTEM AND METHOD FOR MULTI- ACCESS	Unwired Planet, LLC	10/08/2007	DELHI
22	265696	4810/DELNP/2006	21/01/2005	23/01/2004	METHOD FOR IMPROVING PEER TO PEER NETWORK COMMUNICATION	TIVERSA INC.	31/08/2007	DELHI
23	265697	8811/DELNP/2007	16/05/2006	19/05/2005	Method and Apparatus for Reporting Evolved UTRAN Capabilities	INTERDIGITAL TECHNOLOGY CORPORATION	27/06/2008	DELHI
24	265699	984/DELNP/2008	14/08/2006	15/08/2005	METHOD FOR CELL SELECTION	NOKIA CORPORATION	20/06/2008	DELHI
25	265700	6560/DELNP/2007	24/01/2006	24/02/2005	MOTORIZED WINDOW SHADE SYSTEM	KATES, LAWRENCE	14/09/2007	DELHI
26	265701	1513/DELNP/2008	20/09/2006	30/09/2005	A METHOD, DEVICE, COMPUTER PROGRAM AND GRAPHICAL USER INTERFACE FOR USER INPUT OF AN ELECTRONIC DEVICE	NOKIA CORPORATION	20/06/2008	DELHI
27	265702	245/DELNP/2007	10/06/2005	10/06/2004	CORED WIRE	AFFIVAL	03/08/2007	DELHI
28	265703	912/DELNP/2007	26/08/2005	02/09/2004	A CONTROL APPARATUS FOR STARTING A LOAD DEVICE, A PLUG-IN MODULAR UNIT AND METHOD THEREOF	PREMIER HOLDING CORPORATION	03/08/2007	DELHI
29	265707	438/DELNP/2008	01/07/2006	21/07/2005	A BUSHING-TYPE ROLLER OVERRUNNING CLUTCH	SCHAEFFLER KG	15/08/2008	DELHI
30	265715	3965/DELNP/2006	17/02/2005	18/02/2004	HAND-HELD ELECTRONICALLY CONTROLLED INJECTION DEVICE FOR INJECTING LIQUID MEDICATIONS	ARES TRADING S.A.	27/04/2007	DELHI
31	265718	9055/DELNP/2007	08/08/2003	09/08/2002	TOOTHBRUSH	COLGATE-PALMOLIVE COMPANY	25/01/2008	DELHI
32	265724	5623/DELNP/2005	16/09/2004	25/09/2003	CONDUCTOR LOOP	PHOENIX AG,	24/08/2007	DELHI
33	265725	2491/DEL/2007	29/11/2007 15:04:16	04/12/2006	WATER HYDRAULIC MACHINE	DANFOSS A/S	13/06/2008	DELHI
34	265727	1322/DELNP/2008	15/08/2006	15/08/2005	PANCREATIN MICROPELLET CORES SUITABLE FOR ENTERIC COATING	ABBOTT LABORATORIES GMBH	20/03/2009	DELHI
35	265728	9215/DELNP/2007	27/06/2006	22/07/2005	METHOD FOR DETECTION OF SIGNAL HAVING RANDOM CHARACTERISTICS	CISCO TECHNOLOGY, INC.	18/01/2008	DELHI
36	265732	849/DEL/2004	11/05/2004	13/06/2003	TIME-AWARE BEST- EFFORT HOLE-FILLING RETRY METHOD FOR NETWORK COMMUNICATIONS	MICROSOFT TECHNOLOGY LICENSING, LLC	16/06/2006	DELHI

37	265734	3021/DEL/2005	10/11/2005	17/12/2004	EXTENSIBLE FILE SYSTEM	MICROSOFT TECHNOLOGY LICENSING, LLC	31/07/2009	DELHI
38	265740	1769/DELNP/2005	21/10/2003	24/10/2002	SHACKLE ASSEMBLY FOR CONNECTING VEHICLE SUSPENSION TO VEHICLE FRAME	HENDRICKSON INTERNATIONAL CORPORATION	26/03/2010	DELHI
39	265741	1168/DELNP/2008	11/07/2006	11/07/2005	AN ARMOR UNIT TO CONSTRUCT ARMOR LAYERS OF MOUND BREAKWATERS	UNIVERSIDAD POLITECNICA DE VALENCIA	04/07/2008	DELHI
40	265746	771/DEL/2006	22/03/2006		A MOVABLE CANOPY FOR IMMEDIATE FRONT FACE OF MINE OR TUNNEL WORKINGS ALONG WITH ROOF BOLTING SYSTEM OF SUPPORT	Council of Scientific and Industrial Research.	24/02/2012	DELHI
41	265749	746/DEL/2006	20/03/2006	04/04/2005	SECURING A LINK BETWEEN DEVICES	RESEARCH IN MOTION LIMITED	03/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	265641	452/MUM/2008	05/03/2008		AN OPTICAL INFRARED INTERFACE IN PROTECTION RELEASE OF CIRCUIT BREAKER	LARSEN AND TOUBRO LIMITED	06/03/2009	MUMBAI
2	265647	1256/MUMNP/ 2008	26/12/2006	26/12/2005	APPARATUS FOR MANUFACTURING MOLTEN IRONS	POSCO,SIEMENS VAI METALS TECHNOLOGIES GMBH & CO.	19/09/2008	MUMBAI
3	265654	1964/MUMNP/ 2008	15/03/2007	17/03/2006	APPARATUS AND METHOD FOR SELECTING MODULATION AND FILTER ROLL-OFF TO MEET POWER AND BANDWIDTH REQUIREMENTS	SAMSUNG ELECTRONICS CO., LTD.	16/01/2009	MUMBAI
4	265692	1739/MUMNP/ 2008	05/03/2007	03/03/2006	METHOD AND APPARATUS FOR TESTING DATA STEERING LOGIC FOR DATA STORAGE HAVING INDEPENDENTLY ADDRESSABLE SUBUNITS	QUALCOMM INCORPORATED	03/10/2008	MUMBAI
5	265694	2476/MUMNP/20 08	31/05/2007	05/06/2006	SLIDING-WINDOW, BLOCK- BASED BRANCH TARGET ADDRESS CACHE	QUALCOMM INCORPORATED	20/02/2009	MUMBAI
6	265695	2474/MUMNP/ 2008	19/04/2007	01/05/2006	METHOD AND APPARATUS FOR CACHING VARIABLE LENGTH INSTRUCTIONS	QUALCOMM INCORPORATED	20/02/2009	MUMBAI
7	265704	364/MUM/2005	29/03/2005		A SYSTEM FOR MOUNTING FEEDER OVER A ROTATING DIE TABLE OF TABLET PRESS	SCITECH CENTRE	16/03/2007	MUMBAI
8	265706	2489/MUMNP/ 2008	09/07/2007	12/07/2006	METHOD AND APPARATUS FOR UPDATING DECODER CONFIGURATION	SAMSUNG ELECTRONICS CO. LTD.	20/02/2009	MUMBAI
9	265709	1465/MUMNP/ 2008	27/12/2006	27/01/2006	ANTIPERSPIRANT COMPOSITIONS	HINDUSTAN UNILEVER LIMITED	10/10/2008	MUMBAI
10	265711	1970/MUMNP/ 2008	04/04/2007	04/04/2006	APPARATUS AND METHOD OF ENHANCED FRAME INTERPOLATION IN VIDEO COMPRESSION	QUALCOMM INCORPORATED	26/06/2009	MUMBAI

11	265712	1401/MUM/200 8	04/07/2008		CRYOGEN FREE SUPERCONDUCTING TRANSFORMER	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	23/07/2010	MUMBAI
12	265713	474/MUMNP/2 009	23/08/2007	23/08/2006	A PHARMACEUTICAL COMPOSITION FOR TREATING CHOLANGIOCARCINOMA	KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY	22/05/2009	MUMBAI
13	265714	1351/MUMNP/ 2009	21/12/2007	21/12/2007	CONSENSUS PEPTIDE	CORTICALIS AS	09/10/2009	MUMBAI
14	265730	1583/MUMNP/ 2008	08/01/2007	10/01/2006	DEVICE FOR DEFLECTING A MEDIUM FLOWING IN A PIPE	ENDRESS+HAUSER FLOWTEC AG	10/10/2008	MUMBAI
15	265733	2592/MUM/200 7	27/12/2007 16:22:05		SAFETY SHUTTER SYSTEM FOR ISOLATING LIVE PARTS IN SWITCHING DEVICES	LARSEN & TOUBRO LIMITED	03/07/2009	MUMBAI
16	265755	2135/MUM/200 8	06/10/2008		PRETREATMENT OF AGRICULTURAL RESIDUES AS FEEDS TO PRODUCE BIOGAS	KIRLOSKAR OIL ENGINES LIMITED,GANGOTREE ECO TECHNOLOGIES PVT LTD	30/07/2010	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Se ria l Nu m be r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	265643	4968/CHENP/2007	02/05/2006	04/05/2005	4-PHENYL-5-OXO- 1,4,5,6,7,8- HEXAHYDROQUINOLINE DERIVATIVES AS MEDICAMENTS FOR THE TREATMENT OF INFERTILITY	MERCK SHARP & DOHME B.V.	27/06/2008	CHENNAI
2	265648	2388/CHENP/2007	02/11/2005	03/11/2004	METHOD AND APPARATUS FOR MONITORING A CABLE CONNECTION BETWEEN PATCH PANELS	PANDUIT CORP.	07/09/2007	CHENNAI
3	265664	1266/CHENP/2008	07/09/2006	15/09/2005	METHOD OF OPERATING A DISTILLATION COLUMN FOR PURIFYING 1,2- DICHLOROETHANE AND FOR COUPLED SODIUM HYDROXIDE SOLUTION EVAPORATIVE CONCENTRATION	UHDE GMBH,VINNOLIT GMBH & CO. KG	28/11/2008	CHENNAI
4	265667	921/CHENP/2009	20/08/2007	21/08/2006	A METHOD FOR SHARING MEDIA CONTENT FROM A FIRST DEVICE OVER A DIGITAL NETWORK	SLING MEDIA, INC.	29/05/2009	CHENNAI
5	265668	4839/CHENP/2007	29/03/2005	29/03/2005	A METHOD FOR DETERMINING FLOW CHARACTERISTICS IN A CORIOLIS FLOWMETER	MICRO MOTION, INC.	25/01/2008	CHENNAI
6	265670	2639/CHENP/2007	02/11/2005	19/11/2004	METHOD FOR A MOBILE END STATIONS IN A MOBILE TELECOMMUNICATION NETWORK WITH AN INFORMATION SERVER	VODAFONE HOLDING GmBH	07/09/2007	CHENNAI
7	265672	3363/CHENP/2007	30/01/2006	31/01/2005	RAPID AND SENSITIVE BIOSENSING	KONNINKLIJKE PHILIPS ELECTRONICS N.V.	16/11/2007	CHENNAI
8	265677	6481/CHENP/2008	15/06/2007	16/06/2006	A METHOD THAT USES A SET OF FREQUENCY TONES IN A SET OF TIME SYMBOLS FOR TRANSMITTING INFORMATION AND AN APPARATUS THEREOF	QUALCOMM INCORPORATED	27/03/2009	CHENNAI

9	265680	1939/CHENP/2007	07/10/2005	07/10/2004	COMPOSITIONS COMPRISING ANALOGS OF SHK FOR SELECTIVE INHIBITION OF HV1.3 POTASSIUM CHANNELS	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ,BACHEM BIOSCIENCES, INC.	31/08/2007	CHENNAI
10	265682	2788/CHENP/2008	19/10/2006	04/11/2005	A MOLTEN STEEL LEVEL MEASURING DEVICE FOR A CONTINUOUS CASTING MACHINE MOLD	TIAN, ZHIHENG	06/03/2009	CHENNAI
11	265684	3381/CHENP/2006	07/03/2005	17/03/2004	MULTIPLE FOCUS ACQUISITION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	22/06/2007	CHENNAI
12	265685	4480/CHENP/2006	03/06/2005	07/06/2004	ACOUSTIC DEVICE WITH VARIABLE FOCAL LENGTH	KONNINKLIJKE PHILIPS ELECTRONICS N.V.	29/06/2007	CHENNAI
13	265693	5193/CHENP/2007	16/05/2006	17/05/2005	CARBON BLACKS AND POLYMERS CONTAINING THE SAME	CABOT CORPORATION	11/01/2008	CHENNAI
14	265698	26/CHE/2007	04/01/2007		A TRANSPORT MANAGEMENT SYSTEM	KRISHNAMURTHY VAIDYANATHAN	28/11/2008	CHENNAI
15	265705	450/CHENP/2008	16/05/2006	28/06/2005	CARTRIDGE FOR STERILE MIXING OF A TWO-PHASE COMPOUND, PARTICULARLY FOR TWO-COMPONENT ACRYLIC RESINS	TECRES S.P.A	19/09/2008	CHENNAI
16	265717	1577/CHE/2005	31/10/2005	01/11/2004	A METHOD OF PERFORMING PROTOCOL FAILOVERS	LUCENT TECHNOLOGIES INC	14/09/2007	CHENNAI
17	265722	943/CHE/2006	31/05/2006	31/05/2005	POLYPHENOL-ENRICHED COMPOSITION FROM COCOA SHELL EXTRACTION	Kraft Foods R & D, INC.	08/06/2007	CHENNAI
18	265735	52/CHENP/2009	26/07/2007	26/07/2006	APPARATUS AND METHOD FOR DETERMINING CONNECTION QUALITY METRICS	Qualcomm Incorporated	05/06/2009	CHENNAI
19	265736	623/CHE/2005	24/05/2005		PROCESS FOR THE PREPARATION OF N,N- DIMETHYL-3-(1- NAPHTHALENYLOXY)-3-(2- THIENYL)PROPANAMINE	MYLAN LABORATORIES LTD	28/09/2007	CHENNAI
20	265738	5465/CHENP/2008	27/04/2007	28/04/2006	METHODS AND APPARATUSES FOR PAGING UER EQUIPMENTS (UES) IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
21	265739	7118/CHENP/2008	14/07/2007	14/07/2006	MULTI-CARRIER TRANSMITTER FOR WIRELESS COMMUNICATION	QUALCOMM INCORPORATED	27/03/2009	CHENNAI

22	265743	2679/CHENP/2007	15/12/2005	21/12/2004	KNIT ELASTIC FABRIC AND METHOD OF MAKING THE SAME	INVISTA TECHNOLOGIES S.A.R.L.	07/09/2007	CHENNAI
23	265744	4066/CHENP/2006	06/04/2005	06/04/2004	A MULTI-LAYERED FIBER REINFORCED THERMOPLASTIC SOUND ABSORBING PANEL AND A METHOD OF MANUFACTURING A POROUS FIBER - REINFORCED THERMOPLASTIC SHEET	AZDEL, INC.	10/08/2007	CHENNAI
24	265745	2927/CHE/2007	06/12/2007		A METHOD AND APPARATUS FOR PREVENTION OF COLLISION BETWEEN VEHICLES (OR) BETWEEN VEHICLES AND PEDESTRIANS (OR) BETWEEN VEHICLES AND OTHER ROAD USERS INCLUDING ANIMALS	CHOCKALINGAM.SO KKALINGAM PERUMAL	16/10/2009	CHENNAI
25	265748	3050/CHENP/2007	08/08/2003	19/08/2002	A COMPOSITION;COMPRISI NG BIOREGULATORY ACTIVE INGREDIENTS	BASF AKTIENGESELLSCHA FT	05/10/2007	CHENNAI
26	265750	3236/CHENP/2007	09/12/2005	22/12/2004	METHOD OF NUCLEAR EMISSION IMAGING	KONINKLIJKE PHILIPS ELECTRONICS N.V	16/11/2007	CHENNAI
27	265751	388/CHENP/2009	06/09/2006	22/06/2006	USE OF A COLLOIDAL SUSPENSION OF A CATIONIC POLYMER TO TREAT A SUPPORT FOR MEDICAL USE	GAMBRO LUNDIA AB	05/06/2009	CHENNAI
28	265752	1685/CHENP/2008	12/09/2006	06/10/2005	METHOD AND NEEDLE RIBBON WEAVING MACHINE FOR WEAVING A RIBBON	TEXTILMA AG	26/12/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	265671	1535/KOLNP/200 9	14/09/2007	25/09/2006	PREPARATION OF DIPHENYL-BRIDGED SUBSTITUTED CYCLOPENTADIENYL- FLUORENYL LIGANDS	TOTAL PETROCHEMICALS RESEARCH FELUY	29/05/2009	KOLKATA
2	265673	422/KOL/2008	04/03/2008	23/03/2007	A VEHICLE ACCELERATOR PEDAL ACTUATOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	03/10/2008	KOLKATA
3	265674	2067/KOLNP/2009	20/12/2007	22/12/2006	NON SYMMETRICAL ETHYLENE DIAMINO HYDROXYPHENYL ACETIC ACID DERIVATIVES FOR THE TREATMENT OF IRON CHLOROSIS	TRADECORP, S.A.	26/06/2009	KOLKATA
4	265676	467/KOL/2006	17/05/2006	27/05/2005	A METHOD OF CONFIGURING A MOLDSET AND MOLDING A LENS BY INJECTION- COMPRESSION	Gentex Optics, Inc.	22/06/2007	KOLKATA
5	265678	1339/KOL/2006	11/12/2006	17/01/2006	A NEUTRAL IDLE HILL DETECTION SYSTEM FOR A VEHICLE WITH AUTOMATIC TRANSMISSION AND A METHOD OF CONTROLLING THE TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS,INC	03/04/2009	KOLKATA
6	265679	1622/KOL/2007	30/11/2007	09/01/2007	AN ENGINE CONTROL MODULE FOR A VEHICLE AND A DIAGNOSTIC METHOD FOR A VEHICLE CONTROL MODULE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	18/07/2008	KOLKATA
7	265681	945/KOL/2008	28/05/2008	29/05/2007	TUBE BUNDLE REACTOR SUB ASSEMBLIES WITH PRESSURE FLUID COOLING	MAN DWE GMBH	24/04/2009	KOLKATA
8	265686	1193/KOLNP/200 5	08/01/2004	10/01/2003	METHOD FOR THE TIME-AND FREQUENCY-DOMAIN SYNCHRONISATION OF MULTIPLE DEVICES IN A TRANSMISSION SYSTEM WITH OFDM MODULATION	MARVELL HISPANIA, S.L	29/09/2006	KOLKATA

9	265687	2670/KOLNP/200 9	13/02/2008	14/02/2007	METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CONTROL INFORMATION IN A SINGLE CARRIER FDMA SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	28/08/2009	KOLKATA
10	265708	1884/KOLNP/200 6	13/10/2004	13/01/2004	RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCING OF DATA STREAMS RECORDED THEREON AND RECORDING AND REPORODUCING METHODS AND APPARATUSES	LG ELECTRONICS INC.,	11/05/2007	KOLKATA
11	265710	1546/KOL/2008	08/09/2008		A BENCH SCALE PRESSURE REACTOR SYSTEM FOR EXTRACTING MINERALS AND METALS IN A CHEMICAL LEACHING PROCESS	TATA STEEL LIMITED	12/03/2010	KOLKATA
12	265716	2077/KOLNP/2006	26/01/2005	26/01/2004	METHOD OF SWITCHING MULTI-MODE MULTI-BAN MOBILE COMMUNICATION TERMINAL IN MULTI ACCESS COMMUNICATION NETWORK.	SK TELECOM CO.,LTD.	18/05/2007	KOLKATA
13	265719	123/KOLNP/2007	26/07/2005	21/09/2004	A RECEPTACLE FORMED OF AN ELASTICALLY FLEXIBLE PLASTIC MATERIAL	HANSEN, BERND	29/06/2007	KOLKATA
14	265720	465/KOL/2008	06/03/2008	02/04/2007	AN EIGHT SPEED AUTOMATIC TRANSMISSION HAVING FOUR PLANETARY GEAR SETS AND A PLURALITY OF TORQUE TRANSMITTING DEVICES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
15	265721	1239/KOL/2006	17/11/2006	31/01/2006	AN ISOLATABLE FUEL DELIVERY SYSTEM TO REDUCE TRANSMISSION OF HIGH FREQUENCY VIBRATIONS FROM FUEL INJECTORS TO THE ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	10/08/2007	KOLKATA

16	265723	388/KOL/2008	29/02/2008	03/04/2007	A FUEL INJECTOR ASSEMBLY WITH A COMBUSTION SEAL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
17	265726	1117/KOL/2008	26/06/2008	19/07/2007	NEEDLE HOLDER, IN PARTICULAR FOR SCHIFFLIN NEEDLE	GROZ-BECKERT KG	24/04/2009	KOLKATA
18	265729	3682/KOLNP/200 6	25/05/2005	03/06/2004	AGGLOMERATED STONE FOR USING IN SHAFT, COREX OR BLAST FURNACES, METHOD FOR PRODUCING AGGLOMERATED STONES AND USE OF FINE AND SUPERFINE IRON ORE DUST	THYSSENKRUPP STEEL AG	15/06/2007	KOLKATA
19	265731	2604/KOLNP/200 6	25/02/2005	27/02/2004	ULTRASONIC SURGICAL SHEARS AND METHOD FOR SEALING A BLOOD VESSEL USING SAME	ETHICON ENDO- SURGERY,INC	01/06/2007	KOLKATA
20	265737	4198/KOLNP/200 8	26/03/2007	31/03/2006	AN OPHTHALMIC COMPOSITION	VISTAKON PHARMACEUTICALS, LLC.	06/03/2009	KOLKATA
21	265742	132/CAL/1999	22/02/1999		A PROCESS FOR PRODUCING FIRE RESISTANT STRUCTURAL STEEL	STEEL AUTHORITY OF INDIA LIMITED	27/06/2014	KOLKATA
22	265747	2085/KOLNP/200 8	20/12/2005	20/12/2005	APPARATUS AND METHOD FOR SYNTHESIZING THREE OUTPUT CHANNELS USING TWO INPUT CHANNELS	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	16/01/2009	KOLKATA
23	265753	3594/KOLNP/200 7	20/03/2006	31/03/2005	TRANSMITTING APPARATUS AND RADIO RESOURCE ASSIGNING METHOD	NTT DOCOMO INC	31/10/2008	KOLKATA
24	265754	75/KOL/2007	19/01/2007 15:31:43	22/08/2006	MOBILE TERMINAL	LG ELECTRONICS, INC.	07/11/2008	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART- 2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. 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.

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of RICHARD CHENE, DOMINIQUE DELAMOUR, ALAIN MIKLITARIAN, OLIVIER RODI registered under the Designs Act, 2000 has been assigned in the Register of Designs along with co-proprietor's name is as follows:-

Design No.	Class	Name
198660 198661	12-08	SOCIETE ALBIGEOISE DE FABRICATION ET DE REPARATION AUTOMOBILE-SAFRA, A FRENCH COMPANY, OF, 5, RUE COPERNIC ZAC DE FONLABOUR 81000 ALBI FRANCE.

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Ld. Asstt. Controller of Patents & Designs passed an order on 03/03/2015 to dismiss the petition (Petition No. Can/003/2013) filed by Som Distilleries & Breweries Limited, having its registered office at 1-A, Zee Plaza, Arjun Nagar, Kamal Cinema Road, New Delhi - 110029 on 28/1/2013 for cancellation of registration of registered Design No. 223479 dated 19/6/2009 under Class 09-01 titled as "Bottle" in the name of Skol Breweries Ltd., an Indian company of Jalahalli Camp Road, Yeshwanthpur, Bangalore – 560022, India."

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	192346	09.03.2015
2.	196949	09.03.2015
3.	206194	09.03.2015
4.	254574	09.03.2015
5.	254576	09.03.2015
6.	191013	24.02.2015
7.	254438	24.02.2015
8.	196847	24.02.2015
9.	196848	25.02.2015
10.	196849	25.02.2015
11.	194023	25.02.2015
12.	194588	25.02.2015
13.	194790	25.02.2015

RESTORATION OF LAPSED DESIGNS UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000

(1)

An application made under Section 12 (2) of the Designs act, 2000 on 03.12.2014, for Restoration of Design No.196949 dated 10.09.2004 in the name of CHIDAMBARAM ASHOK KUMAR OF J-18, S-BLOCK, M.I.D.C., BHOSARI, PUNE-411026, MAHARASHTRA, INDIA, AN INDIAN CITIZEN has been allowed.

(2)

An application made under Section 12 (2) of the Designs act, 2000 on **02.09.2014**, for Restoration of **Design No.196847 dated 01.09.2004** in the name of **KHADIM INDIA LIMITED**, **AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT KANKARIA ESTATE**, **5**TH **FLOOR**, **6 LITTLE RUSSELL STREET**, **KOLKATA-700071**, **WEST BENGAL**, **INDIA** has been allowed.

(3)

An application made under Section 12 (2) of the Designs act, 2000 on 02.09.2014, for Restoration of Design No.196848 dated 01.09.2004 in the name of KHADIM INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT KANKARIA ESTATE, 5TH FLOOR, 6 LITTLE RUSSELL STREET, KOLKATA-700071, WEST BENGAL, INDIA has been allowed.

(4)

An application made under Section 12 (2) of the Designs act, 2000 on 02.09.2014, for Restoration of Design No.196849 dated 01.09.2004 in the name of KHADIM INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT KANKARIA ESTATE, 5TH FLOOR, 6 LITTLE RUSSELL STREET, KOLKATA-700071, WEST BENGAL, INDIA has been allowed.

(5)

An application made under Section 12 (2) of the Designs act, 2000 on 10.04.2014, for Restoration of Design No.194790 dated 09.03.2004 in the name of AXIS IMPEX, A REGISTERED PARTNERSHIP FIRM, AT SHOP NO.4, 83-85 DADY SHETH AGIARY LANE, MUMBAI:-400002, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE 1. VELJI MONSHI SHAH, 2. KANTI MONSHI SHAH, 3. HITEN HANSRAJ SHAH & JITENDRA RAGHAVJI GADA, ALL INDIAN NATIONALS has been allowed.

(6)

An application made under Section 12 (2) of the Designs act, 2000 on 10.04.2014, for Restoration of Design No.194588 dated 16.02.2004 in the name of AXIS IMPEX, A REGISTERED PARTNERSHIP FIRM, AT SHOP NO.4, 83-85 DADY SHETH AGIARY LANE, MUMBAI:-400002, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE 1. VELJI MONSHI SHAH, 2. KANTI MONSHI SHAH, 3. HITEN HANSRAJ SHAH & JITENDRA RAGHAVJI GADA, ALL INDIAN NATIONALS has been allowed.

(7)

An application made under Section 12 (2) of the Designs act, 2000 on 10.04.2014, for Restoration of Design No.194023 dated 15.12.2003 in the name of AXIS IMPEX, A REGISTERED PARTNERSHIP FIRM, AT SHOP NO.4, 83-85 DADY SHETH AGIARY LANE, MUMBAI:-400002, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE 1. VELJI MONSHI SHAH, 2. KANTI MONSHI SHAH, 3. HITEN HANSRAJ SHAH & JITENDRA RAGHAVJI GADA, ALL INDIAN NATIONALS has been allowed.

(8)

An application made under Section 12 (2) of the Designs act, 2000 on 26.12.2013, for Restoration of Design No.191013 dated 14.01.2003 in the name of NANGALWALA CHEMICAL INDUSTRIES, 29-30 OLD INDUSTRIAL AREA, NEAR I.T.I. ROAD, ALWAR 301001, RAJASTHAN, INDIA, AN INDIAN COMPANY has been allowed.

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	DESIGN NUMBER 265204		
CLASS		13-02	
1)EXIDE INDUSTRIES LIMITE 'EXIDE HOUSE', 59E, CHOWRE WEST BENGAL, INDIA, AN INDIA			
DATE OF REGISTRATION	2	7/08/2014	
TITLE	BATTE	RY CONTAINER	
PRIORITY NA			
DESIGN NUMBER		258537	
CLASS		09-03	
1)NICOVENTURES HOLDINGS OF 22 TUDOR STREET, LONDO			39
DATE OF REGISTRATION	0	3/12/2013	
TITLE	PACKAGING FOR	ELECTRONIC CIGARETTE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002249383-0008	04/06/2013	OHIM	
DESIGN NUMBER		262503	
CLASS		07-02	
1)DART INDUSTRIES INC., A C OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BLOSS			
DATE OF REGISTRATION	0	9/05/2014	
TITLE	VENT FOR A FOOD CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/473,360	21/11/2013	U.S.A.	

DESIGN NUMBER	262588
CLASS	13-03

1)MR. PRASHANT M. DIXIT, ADULT, INDIAN NATIONAL HAVING ADDRESS FOR CORRESPONDENCE AT C/O VIJETA SWITCHGEAR PVT LTD,

E-26, MIDC, KUPWAD BLOCK, SANGLI 416436, MAHARASHTRA, INDIA

DATE OF REGISTRATION	15/05/2014
TITLE	CABINET FOR ELECTRIC POWER CONTROL EQUIPMENT



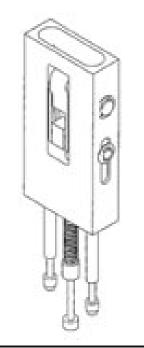
PRIORITY NA

DESIGN NUMBER	263072			
CLASS	23-03			
1)KYOSHIN KOGYO CO., LTD, A CORPORATION INCORPORATED UNDER				

THE LAWS OF JAPAN, HAVING ITS OFFICE AT

20-7, EBIE 7-CHOME, FUKUSHIMA-KU, OSAKA-SHI, OSAKA, JAPAN

DATE OF REGISTRATION	03/06/2014
TITLE	HEAT EXCHANGER HOLDER



PRIORITY

11001011		
PRIORITY NUMBER	DATE	COUNTRY
30-2013-0061669	06/12/2013	REPUBLIC OF KOREA

DESIGN NUMBER	265737
CLASS	12-14

1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

"JAYALAKSHMI ESTATES", 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA

DATE OF REGISTRATION	18/09/2014
TITLE	THREE WHEELER



DESIGN NUMBER	2	259960	
CLASS	12-16		
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA		8	
DATE OF REGISTRATION	31.	/01/2014	
TITLE	FRONT SEA	T OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER	265468		
CLASS		13-03	
1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF 4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-0073, JAPAN			
DATE OF REGISTRATION	05.	/09/2014	
TITLE	ELECTRICAL CONNECTOR HOUSING		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-004812	07/03/2014	JAPAN	
DESIGN NUMBER	2	262944	
CLASS		06-07	
1)SHIVKUMAR SANGAYYA BHIKSHAVATIMATH, 'PIYUSH' BUNGALOW NO. 15, ANITA RESIDENCY, KATRAJ-KONDHVA BYPASS ROAD, KATRAJ-411046, PUNE MAHARASHTRA INDIA, INDIAN NATIONAL			
DATE OF REGISTRATION	28/05/2014		
TITLE	F	RAME	A STATE OF THE PARTY OF THE PAR
PRIORITY NA			

DESIGN NUMBER CLASS 13-03 1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA DATE OF REGISTRATION 08/08/2014 TITLE TELEPHONE JACK		
1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA DATE OF REGISTRATION 08/08/2014		
UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA DATE OF REGISTRATION 08/08/2014		
TITLE TELEPHONE IACK		
TELEFTIONE JACK	1	
PRIORITY NA		
DESIGN NUMBER 264689		
CLASS 09-07		
PIROJSHANAGAR, EASTERN EXPRESS HIGHWAY, VIKHROLI, MUMBAI- 400079, STATE OF MAHARASHTRA, INDIA DATE OF REGISTRATION 08/08/2014 TITLE CAP FOR BOTTLE PRIORITY NA	, INDIA 08/08/2014	
DESIGN NUMBER 258865		
CLASS 03-01		
1)FOLLI-FOLLIE COMMERCIAL MANUFACTURING AND TECHNICAL SOCIETE ANONYME, 23RD KM. ATHENS-LAMIA HIGHWAY, ATHENS, 145 65, GREECE, NATIONALITY-GREECE		
DATE OF REGISTRATION 19/12/2013		
TITLE PURSE	PURSE	
PRIORITY		
PRIORITY NUMBER DATE COUNTRY		

DESIGN NUMBER	262587	
CLASS	13-03	
1)MR. PRASHANT M. DIXIT, ADULT, INDIAN NATIONAL HAVING ADDRESS FOR CORRESPONDENCE AT C/O VIJETA SWITCHGEAR PVT LTD, E-26, MIDC, KUPWAD BLOCK, SANGLI 416436, MAHARASHTRA, INDIA		• •
DATE OF REGISTRATION	15/05/2014	
TITLE	CABINET FOR ELECTRIC POWER CONTROL PANEL	
PRIORITY NA		
DESIGN NUMBER	264912	
CLASS	11-01	
SAYAM KAMAL, D WING, AGARWAL MARKET, BELOW KAPOL BANK, VILE PARLE EAST, MUMBAI 400057 MAHARASHTRA, INDIA, WHOSE DIRECTORS ARE 1) SANJAY WALCHAND JAIN, AND 2) CHETNA SANJAY JAIN, BOTH DIRECTORS RESIDING AT 301, SIDDHACHAL APARTMENT, VILE PARLE EAST, MUMBAI 400057, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	21/08/2014	
TITLE	BRACELET	
PRIORITY NA		
DESIGN NUMBER	262943	
CLASS	19-06	
1)SHIVKUMAR SANGAYYA BHIKSHAVATIMATH,		
DATE OF REGISTRATION	28/05/2014	
TITLE	COMPASS BOX	
PRIORITY NA		

DESIGN NUMBER	264604
CLASS	13-03

1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF,

22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA

DATE OF REGISTRATION	08/08/2014
TITLE	SOCKET FOR TV



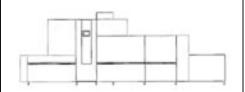
PRIORITY NA

DESIGN NUMBER	262603
CLASS	15-05

1)ILLINOIS TOOL WORKS INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES, HAVING ITS OFFICE AT

 $155~\mathrm{HARLEM}$ AVENUE, GLENVIEW, ILLINOIS $60025~\mathrm{UNITED}$ STATES OF AMERICA

DATE OF REGISTRATION	15/05/2014	
TITLE	CONTROL CABINE	ET FOR A DISHWASHER
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
1394944	19/12/2013	OHIM

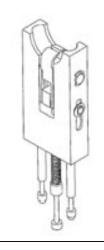


DESIGN NUMBER	263074
CLASS	23-03

1)KYOSHIN KOGYO CO., LTD, A CORPORATION INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT

20-7, EBIE 7-CHOME, FUKUSHIMA-KU, OSAKA-SHI, OSAKA, JAPAN

DATE OF REGISTRATION	03/06/2014	
TITLE	HEAT EXCHANGER HOLDER	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0061679	06/12/2013	REPUBLIC OF KOREA

DESIGN NUMBER	2	64045	
CLASS	(
1)BHASKAR YADAV AND ARVIN NATIONALS), TRADING AS M/S. SMOOTH PETROCHAM, DU U.P.			
DATE OF REGISTRATION	15/	07/2014	
TITLE	ВС	OTTLE	
PRIORITY NA			
DESIGN NUMBER	2	65470	
CLASS		13-03	3
1)YAZAKI CORPORATION, A JA 4-28, MITA 1-CHOME, MINATO-			
DATE OF REGISTRATION	05/	09/2014	
TITLE	ELECTRICAL CO	NNECTOR HOUSING	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-004814	07/03/2014	JAPAN	
DESIGN NUMBER	2	62946	
CLASS	()3-01	
1)SHIVKUMAR SANGAYYA BHII 'PIYUSH' BUNGALOW NO. 15, A BYPASS ROAD, KATRAJ-411046, PU NATIONAL			
DATE OF REGISTRATION	28/	05/2014	
TITLE	MEDI	CINE BOX	
PRIORITY NA			

DESIGN NUMBER	260436				
CLASS					
1)ZYDUS WELLNESS LTD. SIGMA COMMERCE ZONE, NEA AMBLI-BOPAL ROAD, AHMEDABA					
DATE OF REGISTRATION	18/02/2014				
TITLE	DISPENSING CLOSURE				
PRIORITY NA		<u> </u>			
DESIGN NUMBER	262947				
CLASS	19-06				
1)SHIVKUMAR SANGAYYA BHI 'PIYUSH' BUNGALOW NO. 15, A BYPASS ROAD, KATRAJ-411046, PU NATIONAL					
DATE OF REGISTRATION	28/05/2014				
TITLE	PEN STAND	11 11			
PRIORITY NA					
DESIGN NUMBER	264608				
CLASS	13-03				
1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA					
DATE OF REGISTRATION	DATE OF REGISTRATION 08/08/2014				
TITLE					
PRIORITY NA	PRIORITY NA				

DESIGN NUMBER			2652	206	
CLASS 11-02					
1)AMAR SINGH YADAV, TE SITUATED AT 2/778, SUHAG NAGAR, FIR	A COMP				
DATE OF REGISTRATION			27/08/	/2014	
TITLE			FLOWE	R VASE	
PRIORITY NA					
DESIGN NUMBER			262:	506	
CLASS			07-	02	
1)DART INDUSTRIES INC., OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BL					
DATE OF REGISTRATION			09/05/	/2014	
TITLE		COVER FOR A FOOD CONTAINER		OD CONTAINER	
PRIORITY					
PRIORITY NUMBER		DATE COUNTRY		COUNTRY	
29/473,364		21/11/20	013	U.S.A.	
DESIGN NUMBER			2630	073	
CLASS		23-03		03	
1)KYOSHIN KOGYO CO., LTD, A CORPORATION INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT 20-7, EBIE 7-CHOME, FUKUSHIMA-KU, OSAKA-SHI, OSAKA, JAPAN					
DATE OF REGISTRATION		03/06/2014		/2014	
TITLE			HEAT EXCHANGER HOLDER		
PRIORITY					
PRIORITY NUMBER	DATI	E COUNTRY			U
30-2013-0061674	74 06/12/2013			OF KOREA	00

DESIGN NUMBER	264148
CLASS	07-02

1)HAWKINS COOKERS LIMITED, OF

MAKER TOWER F 101, CUFFE PARADE, P.O. BOX 16083, MUMBAI-400005, MAHARASHTRA, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	18/07/2014	
TITLE	COOKWARE	



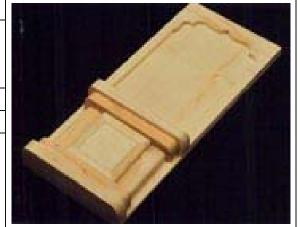
PRIORITY NA

DESIGN NUMBER	262945	
CLASS	06-07	

1)SHIVKUMAR SANGAYYA BHIKSHAVATIMATH,

'PIYUSH' BUNGALOW NO. 15, ANITA RESIDENCY, KATRAJ-KONDHVA BYPASS ROAD, KATRAJ-411046, PUNE MAHARASHTRA INDIA, INDIAN NATIONAL

DATE OF REGISTRATION		28/05/2014		
	TITLE	FRAME		



PRIORITY NA

DESIGN NUMBER	264606	
CLASS	13-03	

1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF,

22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA

DATE OF REGISTRATION	08/08/2014	
TITLE	COMPUTER JACK	



DESIGN NUMBER		263279	
CLASS		12-16	
1)R. N. GUPTA & COMPANY LIMINCORPORATED UNDER THE COAT UNIT-II, GT ROAD, TEHSIL PAY			
DATE OF REGISTRATION	11	/06/2014	
TITLE	SNATCH BLOCK A	ASSEMBLY FOR CRANE	(7 3
PRIORITY NA			
DESIGN NUMBER		262341	
CLASS		12-16	
EXISTING UNDER THE LAWS OF 330 TOWN CENTER DRIVE, SUIT STATES OF AMERICA DATE OF REGISTRATION	See .		
TITLE	VEHIC	CLE FENDER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
3020130056864	06/11/2013	BRAZIL	
DESIGN NUMBER	2	262450	
CLASS		21-01	
1)M/S RATHI ENTERPRISES (PA. PURI, ALIGARH (U.P.) INDIA, THROUGH ITS PARTNERS MAD UMA RATHI, BY NATIONALITY IN			
DATE OF REGISTRATION	07	//05/2014	
TITLE	TO	Y PISTOL	
PRIORITY NA			

DESIGN NUMBER	2	264050	
CLASS		12-11	
1)HERO CYCLES LIMITED, HER (PUNJAB), INDIA, (AN INDIAN COMPANY DULY II INDIAN COMPANIES ACT, 1956)			
DATE OF REGISTRATION	15	/07/2014	
TITLE	Bl	ICYCLE	
PRIORITY NA			
DESIGN NUMBER		260255	
CLASS		08-01	
1)HILTI AKTIENGESELLSCHAFT, FELDKIRCHERSTRASSE 100, FL-9494 SCHAAN, LIECHTENSTEIN, NATIONALITY: LIECHTENSTEIN			
DATE OF REGISTRATION	10	/02/2014	His His
TITLE	CORE BIT USED IN DRILLING		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
756199601	09/08/2013	WIPO	
DESIGN NUMBER		265601	
CLASS		09-01	
1)PARAMS PHARMA OF C-58, SPORTS AND SURGICAL COMPLEX, KAPURTHALA ROAD, JALANDHAR (PUNJAB), INDIA, AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE RAJNEESH CHOPRA AND RAJINDERA PARSHAD CHOPRA & OTHERS, INDIAN NATIONALS OF ABOVE ADDRESS			
DATE OF REGISTRATION	10/09/2014		
TITLE	В	OTTLE	
PRIORITY NA			The state of the s

DESIGN NUMBER	264610	
CLASS	13-03	
UNDER COMPANY ACT 1956 OF 22/23 SHUBH BUILDING, SAGA	S PVT. LTD. A COMPANY REGISTERED AR MANTHAN INDUSTRIAL COMPLEX, E - 401208, MAHARASHTRA, INDIA	I I
DATE OF REGISTRATION	08/08/2014	
TITLE	ROTARY REGULATOR	1
PRIORITY NA		•
DESIGN NUMBER	264297	
CLASS	15-03	
1)HAR INTERNATIONAL, KHA DISTT. LUDHIANA-141114 (PUNJ AN INDIAN PROPRIETORSHIP BEING INDIAN NATIONALS OF T		
DATE OF REGISTRATION	28/07/2014	
TITLE	DRILLING EQUIPMENT FOR SEED & FERTILIZER	
PRIORITY NA		
DESIGN NUMBER	263277	
CLASS	12-16	
	MITED, (AN INDIAN COMPANY OMPANIES ACT, 1956), HAVING ITS OFFICE YAL, DORAHA-141421	000
DATE OF REGISTRATION	11/06/2014	
TITLE	JIB HEAD SNATCH BLOCK ASSEMBLY OF CRANE	
PRIORITY NA		9

DESIGN NUMBER	259977		
CLASS	12-16		

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	INSTRUMENT CLUSTER OF A VEHICLE



PRIORITY NA

DESIGN NUMBER	264049
CLASS	12-11

1)HERO CYCLES LIMITED, HERO NAGAR G. T. ROAD, LUDHIANA-141003 (PUNJAB), INDIA,

(AN INDIAN COMPANY DULY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT, 1956)

DATE OF REGISTRATION	15/07/2014
TITLE	BICYCLE

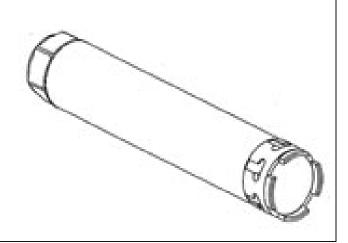


PRIORITY NA

DESIGN NUMBER	260252	
CLASS	08-01	
1)HILTI AKTIENGESELLSCHAFT, FELDKIRCHERSTRASSE 100, FL-9494 SCHAAN, LIECHTENSTEIN, NATIONALITY: LIECHTENSTEIN		
DATE OF REGISTRATION	10/02/2014	
TITLE	CORE BIT USED IN DRILLING	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
756199601	09/08/2013	WIPO



DESIGN NUMBER	262874		
CLASS	15-99		A.
1)HYGIENIC WASTE SOLUTION THE OLD GRAIN STORE, ADSDE 9DN, UNITED KINGDOM, NATIONA	EAN FARM, FUNTING		
DATE OF REGISTRATION	23	//05/2014	I'M OZAL
TITLE	BAG SE	ALER DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
4033031	26/11/2013	U.K.	
DESIGN NUMBER	!	262948	
CLASS		03-01	
'PIYUSH' BUNGALOW NO. 15, ANITA RESIDENCY, KATRAJ-KONDHVA BYPASS ROAD, KATRAJ-411046, PUNE MAHARASHTRA INDIA, INDIAN NATIONAL			
DATE OF REGISTRATION	28/05/2014		
TITLE	BOX		
PRIORITY NA			
DESIGN NUMBER	264609		
CLASS	13-03		
1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA			GIFA •
DATE OF REGISTRATION	08/08/2014		
TITLE	ROTARY REGULATOR		
PRIORITY NA			

DESIGN NUMBER	264389			
CLASS	19-06		Π	
1)PREMEC S.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND, OF VIA INDUSTRIA, 6814 CADEMPINO, SWITZERLAND				
DATE OF REGISTRATION		31/07/2014		///
TITLE		PEN		1//
PRIORITY				1//
PRIORITY NUMBER	DATE	COUNTR	Y	\forall
140463	05/02/2014	SWITZER	LAND	A
DESIGN NUMBER		262375		
CLASS		09-01		6
1)THE COCA-COLA COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE HAVING AN OFFICE AT ONE COCA-COLA PLAZA NW, ATLANTA, GEORGIA 30313, USA				
DATE OF REGISTRATION		06/05/2014		
TITLE		BOTTLE		
PRIORITY				
PRIORITY NUMBER	DATE	CO	UNTRY	
2013-025907	06/11/2013	JAl	PAN	
DESIGN NUMBER		266633		
CLASS	28-03			
1)UDIT AGARWAL, AN INDIAN O C/O GANGA SANITARY STORE, INDIA		MORADAB	AD-244001, UP,	
DATE OF REGISTRATION	10/10/2014			
TITLE	DISPENSER			
PRIORITY NA				

DESIGN NUMBER	:	260002	
CLASS	12-16		
1)TATA MOTORS LIMITED, AND BOMBAY HOUSE, 24 HOMI MOI 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	31	/01/2014	and the same of th
TITLE	PARCEL TR	AY OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		263972	
CLASS		12-16	
1)SCANIA CV AB, A SWEDISH CO SE-151 87, SÖDERTÄLJE, SWEDI	OMPANY OF EN		
DATE OF REGISTRATION	11/07/2014		
TITLE	AIR DEFLECTOR DOOR FOR AUTOMOBILES		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014/0026	23/01/2014	SWEDEN	
DESIGN NUMBER	264611		
CLASS	13-03		
1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	08/08/2014		
TITLE	SWITCH		
PRIORITY NA			

DESIGN NUMBER	260003
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	TAILGATE SCUFF PLATE OF A VEHICLE



PRIORITY NA

DESIGN NUMBER	263526
CLASS	09-02

1)MOLD-TEK PACKAGING LIMITED,

PLOT NO. 700, ROAD NO. 36, JUBILEE HILLS, HYDERABAD-500036, STATE: TELANGANA, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	19/06/2014
TITLE	CONTAINER



PRIORITY NA

DESIGN NUMBER	260285
CLASS	09-05

1)1. SHRUTI GUPTA, INDIAN NATIONAL, B/11, HIMGIRI RESIDENCY, 585, MARKETYARD, PUNE-411037, M.S., INDIA, 2. PARIN SANGHVI, INDIAN NATIONAL, 402, SAPREM FLATS, NEAR MEDI SURGE HOSPITAL, MITHAKALI 6 ROADS, NAVRANGPURA, AHMEDABAD-380006, GUJARAT, INDIA & 3. MOHIT SINGHVI, INDIAN NATIONAL,

6-A-1, RANGBARI ROAD, NEAR POWER HOUSE, KOTA 324007, RAJASTHAN, INDIA

DATE OF REGISTRATION	12/02/2014
TITLE	BAG



DESIGN NUMBER	265084	
CLASS	08-06	
GOHEL BOTH INDIAN NATIONAL AN INDIAN PARTNERSHIP FIRM I BUSINESS AT ADDRESS:-	AS AND JIGNESHBHAI CHHAGANBHAI PARTNER OF RATNAPRABHA HARDWARE HAVING ITS PRINCIPAL PLACE OF ROAD, KOTHARIYA MAIN ROAD, RAJKOT-2.	
DATE OF REGISTRATION	25/08/2014	
TITLE	HANDLE	
PRIORITY NA		10.00
DESIGN NUMBER	263919	
CLASS	23-01	
3745, SHOP NO. 1 & 7, KUCHA PA	M/S. SIGMA REFRIGERATION WORKS, ARMANAND, NETAJI SUBHASH MARG, INDIA (A SOLE PROPRIETORSHIP FIRM)	
DATE OF REGISTRATION	08/07/2014	
TITLE	VALVE	
PRIORITY NA		
DESIGN NUMBER	264612	
CLASS	13-03	
UNDER COMPANY ACT 1956 OF,	PVT. LTD. A COMPANY REGISTERED MANTHAN INDUSTRIAL COMPLEX, 401208, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	08/08/2014	
TITLE	SWITCH	San
PRIORITY NA		

DESIGN NUMBER	262377		
CLASS	06-03		
1)A3NP INDÚSTRIA E COMÉRCIO DE MÓVEIS S/A, A BRAZILIAN COMPANY OF RUA IGUATEMI, 192, CONJUNTO 174 B, ITAIM BIBI, SÃO PAULO-SP, ZIP CODE: 01451-010 BRAZIL			
DATE OF REGISTRATION	06	5/05/2014	
TITLE	,	TABLE	
PRIORITY			1/
PRIORITY NUMBER	DATE	COUNTRY	
BR302013005703-08	07/11/2013	BRAZIL	U
DESIGN NUMBER		265353	
CLASS		15-07	
1)WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY HAVING ITS CORPORATE OFFICE AT 'WHIRLPOOL HOUSE', PLOT NO. 40, SECTOR-44, GURGAON-122002, HARYANA, INDIA			
DATE OF REGISTRATION	02/09/2014		
TITLE	REFRIGERATOR		
PRIORITY NA			
DESIGN NUMBER		262616	
CLASS	12-11		
1)AMAN INTERNATIONAL, PLOT NO. 2639, URBAN ESTATE, DUGRI ROAD, PHASE-I, FOCAL POINT, LUDHIANA-141002 (PUNJAB) INDIA. AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- AMIT BANSAL AND AMAN BANSAL BEING INDIAN NATIONALS OF THE ABOVE ADDRESS			
DATE OF REGISTRATION	15/05/2014		
TITLE	PADDLE FOR BICYCLE		
PRIORITY NA			

DESIGN NUMBER		263045	
CLASS	07-99		
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	LACE OF BUSINESS	AT	
DATE OF REGISTRATION	02	2/06/2014	
TITLE		TRAY	
PRIORITY NA			
DESIGN NUMBER		263195	
CLASS		21-02	
1)B. G. SPORTS INTERNATIONA WALTON STREET WORKS, WAL 0EA, UNITED KINGDOM, A BRITISH	TON STREET, COLN	IE, LANCASHIRE, BB8	
DATE OF REGISTRATION	00	6/06/2014	
TITLE	SPOR	TS TARGET	ATTEN AND THE PERSON OF THE PE
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002367938-0001	11/12/2013	OHIM	
DESIGN NUMBER		264613	
CLASS	13-03		
1)GOLD MEDAL ELECTRICALS UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR BHOIDAPADA, VASAI (E), THANE -	MANTHAN INDUST	TRIAL COMPLEX,	
DATE OF REGISTRATION	08	8/08/2014	
TITLE	SWITCH WITH SOCKET		•
PRIORITY NA			

DESIGN NUMBER	264510	
CLASS	08-08	
1)GAURAV GANDHI WHOSE ADDRESS IS SHAHPARA, ALIGARH 202001, UTTAR PRADESH, INDIA, A CITIZEN OF INDIA		
DATE OF REGISTRATION	06/08/2014	
TITLE	DOOR HANDLE MOUNTING PLATE	



PRIORITY NA

DESIGN NUMBER	262471
CLASS	19-06

1)FLAIR PENS LIMITED, AN INDIAN PARTNERSHIP FIRM OF

63, B/C, GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (W), MUMBAI - 400067, [MAHARASHTRA] INDIA

DATE OF REGISTRATION	09/05/2014
TITLE	PEN
PRIORITY NA	



PRIORITY NA

DESIGN NUMBER	263047
CLASS	07-01

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	02/06/2014
TITLE	DISH



DESIGN NUMBER		260019	
CLASS		26-06	30
1)TATA MOTORS LIMITED, AND BOMBAY HOUSE, 24 HOMI MOI 001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	31/01/2014		
TITLE	HEAD LAN	IP OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		259538	
CLASS		24-02	
1)YSP CO. LTD, A TAIWAN BASE TAIWAN LAW, HAVING ITS PLAC 3F., NO 54, GUANGHUA 2ND ST. R.O.C.	CE OF BUSINESS AT		
DATE OF REGISTRATION	20/01/2014		
TITLE	BLOOD LANCET USED FOR DIAGNOSTIC PURPOSES		
PRIORITY			Tal.
PRIORITY NUMBER	DATE	COUNTRY	
102306698	11/10/2013	CHINA	
DESIGN NUMBER		263923	
CLASS	13-02		
1)KDM TELECOM SOLUTIONS I COMPANY REGISTERED UNDER HAVING OFFICE AT 411/4TH FLOOR, ADITYA ARCA GRANT ROAD (EAST), MUMBAI-40	THE INDIAN COMP. DE, LAMINGTON RO	ANIES ACT, 1956), AD, TOPIWALA LANE,	
DATE OF REGISTRATION	08	3/07/2014	
TITLE	MOBIL	LE CHARGER	
PRIORITY NA			

DESIGN NUMBER		264614	
CLASS	13-03		
1)GOLD MEDAL ELECTRICALS UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAR BHOIDAPADA, VASAI (E), THANE -			
DATE OF REGISTRATION	08	/08/2014	
TITLE	COV	ER PLATE	
PRIORITY NA			
DESIGN NUMBER	2	261105	
CLASS		06-11	
1)SAHIL PLASTIC PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS NO. 5 MIRZA STREET, OPPOSITE: ABDULREHMAN STREET, MUMBAI 400003 IN THE STATE OF MAHARASHTRA WITHIN THE UNION OF INDIA, WHO ARE INDIAN BY NATIONALITY			
DATE OF REGISTRATION	19/03/2014		
TITLE		MAT	
PRIORITY NA			
DESIGN NUMBER		264399	
CLASS		09-01	
1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM			
DATE OF REGISTRATION	31/07/2014		
TITLE	BOTTLE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002407635-0001	19/02/2014 OHIM		

DESIGN NUMBER		262405	
CLASS		08-03	
1)FAM OF NEERVELD, 2, KONTICH, B-2550), BELGIUM		
DATE OF REGISTRATION	0	7/05/2014	Million
TITLE	CUT	TING TOOL	Millian in .
PRIORITY			Bulling IIII
PRIORITY NUMBER	DATE	COUNTRY	- Millian
1389100-0004	07/11/2013	OHIM	
DESIGN NUMBER		265166	
CLASS		09-01	0
B-31, ROAD NO.2, PARSAKHERA UTTAR PRADESH, INDIA, A LIMITE INDIAN COMPANIES ACT, 1956 DATE OF REGISTRATION TITLE PRIORITY NA	ED COMPANY INCOR		
DESIGN NUMBER		262475	
CLASS		19-06	
1)FLAIR PENS AND STATIONER FIRM OF 63, B/C, GOVT. INDUSTR MUMBAI - 400067, [MAHARASHTE WHOSE PARTNERS ARE KHUBI VIMALCHAND J. RATHOD, MOHIT INDIANS OF THE ABOVE ADDRESS	IAL ESTATE, CHAR (A], INDIA; LAL J. RATHOD, RA. K. RATHOD AND SU	RKOP, KANDIVALI (W), JESH K. RATHOD,	A1
DATE OF REGISTRATION	09	9/05/2014	
TITLE	PEN		
PRIORITY NA			

DESIGN NUMBER	263115	
CLASS	09-03	
RIDDHI LUBES OF	N INDIAN NATIONAL, PROPRIETOR OF 7, B/H, PATEL SAMAJ WADI SARDAR CHOCK,	
DATE OF REGISTRATION	04/06/2014	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	266374	
CLASS	12-09	1
UNDER THE COMPANIES ACT, 1	MITED, A COMPANY INCORPORATED 913 WHOSE ADDRESS IS D BUNDER, MUMBAI 400001, MAHARASHTRA,	
DATE OF REGISTRATION	30/09/2014	
TITLE	TRACTOR BUMPER	
PRIORITY NA		
DESIGN NUMBER	262741	
CLASS	14-02	
COMPANIES ACT 1956 HAVING I	4-05, HIGH STREET CENTER, SINGAPORE,	
DATE OF REGISTRATION	20/05/2014	1 / 1/2/1
TITLE	TABLET COMPUTER FOR CHILDREN	100/1
PRIORITY NA		

DESIGN NUMBER		263792	
CLASS		07-01	MILET N
1)S. N. PLAST, NATIONALITY: Al 41, KRISHNA ESTATE, B/H. B.O.O. NI CHAWL, RAKHIAL, AHMEDABA	NI ANI		
DATE OF REGISTRATION	01	1/07/2014	
TITLE		BOWL	
PRIORITY NA			
DESIGN NUMBER		264401	
CLASS		09-07	
1)UNILEVER PLC, A COMPANY I UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORI UNITED KINGDOM	IA EMBANKMENT, L	ONDON, EC4Y 0DY,	
DATE OF REGISTRATION	31	1/07/2014	
TITLE		CAP	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	- Control Control
002407676-0001	19/02/2014	OHIM	_
ESIGN NUMBER		263288	_
CLASS		15-05	
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS			T
DATE OF REGISTRATION		2/06/2014	
TITLE	VACUUM CLEANER		\VV
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002380527-0002	06/01/2014	OHIM	_

DESIGN NUMBER		262407	
CLASS	08-03		
1)FAM OF NEERVELD, 2, KONTICH, B-255	O, BELGIUM		
DATE OF REGISTRATION	0	7/05/2014	111
TITLE	CUT	TING TOOL	minimum
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
1389092-0004	07/11/2013	OHIM	
DESIGN NUMBER		262479	
CLASS		19-06	
B/C, GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (W), MUMBAI-400067, [MAHARASHTRA], INDIA; WHOSE PARTNERS ARE KHUBILAL J. RATHOD, MANJULA V. RATHOD AND MOHIT RATHOD; ALL INDIANS OF THE ABOVE ADDRESS			CON MARKAR () ()
DATE OF REGISTRATION	09/05/2014		
TITLE	PEN		
PRIORITY NA			
DESIGN NUMBER		262996	
CLASS	04-02		
1)COLGATE-PALMOLIVE COM 300 PARK AVENUE, NEW YORK AMERICA			
DATE OF REGISTRATION	30/05/2014		(0)
TITLE	TOOTHBRUSH		
PRIORITY			_
PRIORITY NUMBER	DATE COUNTRY		K
29/476,688	16/12/2013 U.S.A.		19

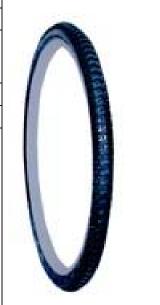
DESIGN NUMBER	263058	
CLASS	15-03	
1)MILLTEC MACHINERY PRIVA NO. 51-A, 1ST PHASE KIADB INI 560099, STATE OF KARNATAKA, IN	DL AREA, BOMMASANDRA, BANGALORE-	
DATE OF REGISTRATION	02/06/2014	
TITLE	HUSK SEPARATOR	
PRIORITY NA		
DESIGN NUMBER	261150	
CLASS	09-01	
	IMITED, AN INDIAN COMPANY, OF UM, 175 C.S.T. ROAD KALINA, SANTACRUZ 20/03/2014	SET DE LA CONTRACTION DE LA CO
TITLE	JAR	
PRIORITY NA		
DESIGN NUMBER	264281	
CLASS	31-00	
1)MR. MAHENDRA JAIN ADDRE SARASWATI HOUSE, 24/203-204 MUMBAI-400104, INDIA; NATIONA	, 2ND UNNAT NAGAR, GOREGAON (WEST),	
DATE OF REGISTRATION	28/07/2014	
TITLE	MIXER GRINDER	
PRIORITY NA		

DESIGN NUMBER	262410	
CLASS	12-15	

1)METRO TYRES LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956 NATIONALITY: INDIAN COMPANY,

C-49, SECTOR-62, NOIDA-201301, U.P.

DATE OF REGISTRATION	07/05/2014	
TITLE	TYRE	



PRIORITY NA

DESIGN NUMBER	265368
CLASS	02-02

1)RAMSON EXPORTS (INDIA), 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141007 (PUNJAB), INDIA,

AN INDIAN PROPRIETORSHIP FIRM WHOSE PARTNERS ARE:- ARJUN SOOD AND KARUNA SOOD BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	02/09/2014	
TITLE	T-SHIRT	



PRIORITY NA

DESIGN NUMBER	262481	
CLASS	19-06	
1)ELAID WDITING INSTRUMENTS AN INDIAN		

1)FLAIR WRITING INSTRUMENTS, AN INDIAN PARTNERSHIP FIRM OF 63, B/C, GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (W), MUMBAI-400067, [MAHARASHTRA], INDIA;

WHOSE PARTNERS ARE KHUBILAL J. RATHOD, MANJULA V. RATHOD AND MOHIT RATHOD; ALL INDIANS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	09/05/2014	
TITLE	PEN	
PRIORITY NA		



DESIGN NUMBER		263061	
CLASS	21-01		
1)M/S RAJA INDUSTRIES (PART PURI, ALIGARH (U.P.) INDIA, THROUGH ITS PARTNERS GIRE NATIONALITY INDIAN OF ABOVE	RAJ KISHORE RATHI	,	
DATE OF REGISTRATION	02	2/06/2014	
TITLE	ТО	Y PISTOL	
PRIORITY NA			
DESIGN NUMBER		262766	
CLASS		02-04	
1)SOLESTER FASHION PVT. LT. SUITE NO. 1, INHWA BUSINESS GURGAON-122018, INDIA			
DATE OF REGISTRATION	21/05/2014		
TITLE	FOOTWEAR		
PRIORITY NA			
DESIGN NUMBER		263391	
CLASS		10-05	
1)GENERAL ELECTRIC COMPA 1 RIVER ROAD, SCHENECTADY AMERICA			
DATE OF REGISTRATION	16/06/2014		
TITLE	HANDSET BORESCOPE ASSEMBLY		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/477539	23/12/2013 U.S.A.		

DESIGN NUMBER	266414	
CLASS	06-03	
1)GODREJ & BOYCE MFG. CO. I INCORPORATED UNDER THE CO. OF INTERIO DIVISION, PLANT 4 MUMBAI-400079, INDIA		K
DATE OF REGISTRATION	07/10/2014	
TITLE	DINING TABLE	
PRIORITY NA		
DESIGN NUMBER	262483	
CLASS	19-06	
400067, [MAHARASHTRA], INDIA;	LAL J. RATHOD, MANJULA V. RATHOD IS OF THE ABOVE ADDRESS 09/05/2014	
TITLE	PEN	
PRIORITY NA		
DESIGN NUMBER	265171	
CLASS	12-16	
1)KLASSIC WHEELS PVT. LTD., INDIAN COMPANIES ACT, AT E-7 & E-8 M.I.D.C., AHMEDABAI	A COMPANY INCORPORATED UNDER THE D, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	27/08/2014	
TITLE	WHEEL RIM FOR VEHICLES	
PRIORITY NA		

DESIGN NUMBER		263218	
CLASS		05-06	
1)(I) SATISHKUMAR DAYABHAI GOTI, (III) RAMESH VIRJIBHAI K PARTNERS OF M/S SHISH INDUST HAVING ADDRESS- 6/7, G.K. CHAMBERS, 1ST FLOO VARACHHA, SURAT-395006, GUJA	AKADIYA ALL INDI TRIES, AN INDIAN P R, KOHINOOR ROAD	AN NATIONAL, ARTNERSHIP FIRM,	
DATE OF REGISTRATION	10	0/06/2014	
TITLE	CORRUGATED SI	HEET FOR PACKAGING	
PRIORITY NA			
DESIGN NUMBER		264240	
CLASS		12-16	1pany Shee
1)DEERE & COMPANY, A US CO ONE JOHN DEERE PLACE, MOL		8098 USA	
DATE OF REGISTRATION	25/07/2014		
TITLE	COWL UNIT FOR A VEHICLE		• 11
PRIORITY NA			
DESIGN NUMBER		263643	
CLASS	08-08		
1)ATLAS COPCO AIRPOWER, N. BOOMSESTEENWEG 957, 2610 V		,	
DATE OF REGISTRATION	24/06/2014		
TITLE	MOUNTING BRACKETS FOR TUBES		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002378604-001	30/12/2013	OHIM	

DESIGN NUMBER	264584	
CLASS	08-06	
NARSINHBHAI VADODARIYA INDIAN NATIONAL) PARTNER (INDIAN PARTNERSHIP FIRM)	IAI RAIYANI (2) NARENDRABHAI (BOTH PARTNERS ARE ADULT AND AS OF SHUBHAM MANUFACTURE O HAVING PLACE OF BUSINESS AT- ET ROAD, NATHJI PAN, RAJKOT-360002-	
DATE OF REGISTRATION	08/08/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	265377	
CLASS	09-01	
19A, MIRA CO-OPERATIVE I	CS LIMITED, AN INDIAN COMPANY OF NDUSTRIAL ESTATE, WESTERN EXPRESS 104, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	02/09/2014	
TITLE	BOTTLE WITH CAP	
PRIORITY NA		
DESIGN NUMBER	259633	
CLASS	14-03	
1)NOKIA CORPORATION, A D OF THE ADDRESS KEILALA	FINNISH CORPORATION, HDENTIE 4, ESPOO, FINLAND 02150	/ - //
DATE OF REGISTRATION	23/01/2014	1 1/
TITLE	HANDSET	l B
PRIORITY NA		

DESIGN NUMBER		263647	
CLASS	08-08		
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY			
DATE OF REGISTRATION	24	4/06/2014	(() ()
TITLE	MOUNTING BE	RACKETS FOR TUBES	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002378604-005	30/12/2013	OHIM	
DESIGN NUMBER		262779	
CLASS		09-01	9
OFFICE AT ONE COCA-COLA PLAZA NW, A DATE OF REGISTRATION	TLANTA, GEORGIA 30313, USA 21/05/2014		
TITLE		-, -, -, -, -	
PRIORITY	BOTTLE		
PRIORITY NUMBER	DATE	COUNTRY	
2013-027380	22/11/2013	JAPAN	
DESIGN NUMBER	264462		
CLASS	06-08		
1)KUSHAL KARYASHALA PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956), 1, RAJ NAGAR ENCLAVE, PITAM PURA, DELHI-110034 (INDIA)			
DATE OF REGISTRATION	05/08/2014		
TITLE	CLOT	TH HANGER	
PRIORITY NA			

DESIGN NUMBER	26	53353	
CLASS	10	0-01	10
1)AJANTA PRIVATE LIMITEI ORPAT INDUSTRIAL ESTATI STATE OF GUJARAT, INDIA	10 11 12 1 2		
DATE OF REGISTRATION	13/0	06/2014	(9 3)
TITLE	CL	LOCK	
PRIORITY NA			7 6 5 4
DESIGN NUMBER	26	52486	
CLASS	19	9-06	
1)FLAIR WRITING INSTRUM B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHI	TE, CHARKOP, KANDIVA A;	ALI (W), MUMBAI-	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND	TE, CHARKOP, KANDIVA A;	ALI (W), MUMBAI-	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHU AND MOHIT RATHOD; ALL IND	TE, CHARKOP, KANDIVA A; BILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD	ALI (W), MUMBAI- JULA V. RATHOD DRESS	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHU AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD	JULA V. RATHOD DRESS 05/2014	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHU AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD	ALI (W), MUMBAI- JULA V. RATHOD DRESS	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHI AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE PRIORITY NA	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0	ALI (W), MUMBAI- JULA V. RATHOD DRESS 05/2014 PEN	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHU AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0	JULA V. RATHOD DRESS 05/2014	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHI AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE PRIORITY NA	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0	ALI (W), MUMBAI- JULA V. RATHOD DRESS 05/2014 PEN	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHO AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0 F 26 NAAMLOZE VENNOOTS	ALI (W), MUMBAI- JULA V. RATHOD DRESS 05/2014 PEN 63646 8-08 SCHAP, OF	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHU AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ATLAS COPCO AIRPOWER	TE, CHARKOP, KANDIVA (A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0 F 26 NAAMLOZE VENNOOTS 0 WILRIJK, BELGIUM, A E	ALI (W), MUMBAI- JULA V. RATHOD DRESS 05/2014 PEN 63646 8-08 SCHAP, OF	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHI AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ATLAS COPCO AIRPOWER BOOMSESTEENWEG 957, 261	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0 F 26 NAAMLOZE VENNOOTS 0 WILRIJK, BELGIUM, A E 24/0	ALI (W), MUMBAI- JULA V. RATHOD DRESS 05/2014 PEN 63646 8-08 SCHAP, OF BELGIAN COMPANY	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHI AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ATLAS COPCO AIRPOWER BOOMSESTEENWEG 957, 261 DATE OF REGISTRATION	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0 F 26 NAAMLOZE VENNOOTS 0 WILRIJK, BELGIUM, A E 24/0	ALI (W), MUMBAI- JULA V. RATHOD DRESS 05/2014 PEN 63646 8-08 SCHAP, OF BELGIAN COMPANY 06/2014	
B/C, GOVT. INDUSTRIAL ESTA 400067, [MAHARASHTRA], IND WHOSE PARTNERS ARE KHI AND MOHIT RATHOD; ALL IND DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)ATLAS COPCO AIRPOWER BOOMSESTEENWEG 957, 261 DATE OF REGISTRATION TITLE	TE, CHARKOP, KANDIVA A; IBILAL J. RATHOD, MANJ ANS OF THE ABOVE ADD 09/0 F 26 NAAMLOZE VENNOOTS 0 WILRIJK, BELGIUM, A E 24/0	ALI (W), MUMBAI- JULA V. RATHOD DRESS 05/2014 PEN 63646 8-08 SCHAP, OF BELGIAN COMPANY 06/2014	

DESIGN NUMBER		262934	
CLASS	21-02		
1)MAGIC PRODUCTION GROUP : FINDEL BUSINESS CENTER, CON LUXEMBOURG			The Party of
DATE OF REGISTRATION	27	7/05/2014	
TITLE	TO	DY BALL	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	6
DM/083478	30/04/2014	WIPO	
DESIGN NUMBER		264283	
CLASS		31-00	223
1)MR. MAHENDRA JAIN ADDRES SARASWATI HOUSE, 24/203-204, MUMBAI-400104, INDIA; NATIONAL	2ND UNNAT NAGA	R, GOREGAON (WEST),	
DATE OF REGISTRATION	28	8/07/2014	PHA
TITLE	HAND BLENDER		V
PRIORITY NA			
DESIGN NUMBER		264409	
CLASS		10-01	
1)(1) ROHIT PARIHAR S/O. SH. RAINDIAN), (2) CHANDER SINGH SOI (NATIONALITY-INDIAN), (3) SMT. SINGH PARIHAR (NATIONALITY-ICHANDRA SINGH SOLANKI (NATIS/O. SH. SHYAM LAL SOLANKI PAEXPORTS (IT IS INDIAN PARTNER AT-KHASRA NO. 01, SHRI RAM PHASE, JODHPUR (RAJASTHAN) NA	ANKI S/O. SH. SHY ANITA PARIHAR W INDIAN), (4) SMT. N ONALITY-INDIAN) RTNERS OF M/S. SI SHIP FIRM) JAGAR, SANGARIA,	AM LAL SOLANKI V/O. SH. RAVINDRA EENA SOLANKI W/O. SH. I, (5) JITENDRA SOLANKI HREE ROOPSHREE ART NEAR BASANI, 2ND	
ATE OF REGISTRATION 31/07/2014			The second second
TITLE		CLOCK	
PRIORITY NA			

DESIGN NUMBER	262484
CLASS	19-06

1)FLAIR WRITING INSTRUMENTS, AN INDIAN PARTNERSHIP FIRM OF 63, B/C, GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (W), MUMBAI-400067, [MAHARASHTRA], INDIA;

WHOSE PARTNERS ARE KHUBILAL J. RATHOD, MANJULA V. RATHOD AND MOHIT RATHOD; ALL INDIANS OF THE ABOVE ADDRESS

REGISTRATION	
TITLE PEN	



PRIORITY NA

DESIGN NUMBER	265172	
CLASS	12-16	

1)KLASSIC WHEELS PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

E-7 & E-8 M.I.D.C., AHMEDABAD, MAHARASHTRA, INDIA

DATE OF REGISTRATION	27/08/2014	
TITLE	WHEEL RIM FOR VEHICLES	

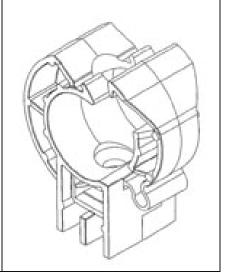


PRIORITY NA

DESIGN NUMBER	263644	
CLASS	08-08	
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY		
DATE OF REGISTRATION 24/06/2014		
TITLE	MOUNTING BRACKETS FOR TUBES	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002378604 -002	30/12/2013	OHIM



DESIGN NUMBER	262769	
CLASS	02-04	
1)SOLESTER FASHION PVT. LT. SUITE NO. 1, INHWA BUSINESS GURGAON-122018, INDIA	D. OF THE ADDRESS CENTRE, IRIS TECH PARK, SOHNA ROAD,	·
DATE OF REGISTRATION	21/05/2014	
TITLE	FOOTWEAR	
PRIORITY NA		
DESIGN NUMBER	264594	
CLASS	13-03	
UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGA BHOIDAPADA, VASAI (E), THANE DATE OF REGISTRATION	R MANTHAN INDUSTRIAL COMPLEX, - 401208, MAHARASHTRA, INDIA 08/08/2014	
TITLE	SWITCH BOARD FUSE & INDICATOR	3
PRIORITY NA		
DESIGN NUMBER	263130	
CLASS	23-01	
	IMITED., AN INDIAN COMPANY DIAN COMPANIES ACT, 1956, HAVING 22010, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	05/06/2014	n n
TITLE	CLAMP FOR PIPE FITTINGS	
PRIORITY NA		

DESIGN NUMBER		259950	
CLASS	12-16		
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	3	1/01/2014	
TITLE	B PILLAF	R OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		263648	
CLASS		08-08	
1)ATLAS COPCO AIRPOWER, N BOOMSESTEENWEG 957, 2610			
DATE OF REGISTRATION	24	4/06/2014	1200/
TITLE	MOUNTING BRACKETS FOR TUBES		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002378604 - 006	30/12/2013	OHIM	
DESIGN NUMBER 260147			
CLASS		08-06	-
1)DILIPBHAI BACHUBHAI HIR PROPRIETOR OF JANKI DIE-CA HAVING PLACE OF BUSINESS A PLOT NO. 834, AJI INDUSTRIAL MUNICIPAL WORKSHOP, BHAVN	ST (INDIAN PROPRII T- L AREA, NR; SITARAN	ETORSHIP CONCERN) M WAY BRIDGE, OPP:	
DATE OF REGISTRATION	06/02/2014		
TITLE	I	HANDLE	
PRIORITY NA	1		

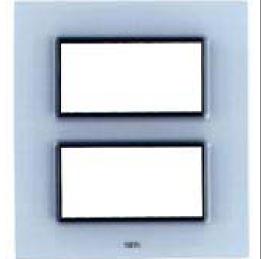
DESIGN NUMBER		263764	
CLASS	23-02		
1)FIRST STEP PROJECTS, AN IN D-151, SAKET, NEW DELHI-1100		P FIRM, OF	4600
DATE OF REGISTRATION	30	0/06/2014	No. of Source
TITLE	DISPOSABLE FEM.	ALE URINATION DEVICE	
PRIORITY NA			
DESIGN NUMBER		262780	
CLASS		12-16	
1)TOYOTA JIDOSHA KABUSHIK 1, TOYOTA-CHO, TOYOTA-SHI,			
DATE OF REGISTRATION	21	/05/2014	
TITLE	CATALYT	TIC CONVERTER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
JPD2014-000013	06/01/2014	JAPAN	
DESIGN NUMBER		264599	
CLASS		13-03	I
1)GOLD MEDAL ELECTRICALS UNDER COMPANY ACT 1956 OF, 22/23 SHUBH BUILDING, SAGAI BHOIDAPADA, VASAI (E), THANE	R MANTHAN INDUST	RIAL COMPLEX,	
DATE OF REGISTRATION	08/08/2014		
TITLE	SOCKET		
PRIORITY NA			•

DESIGN NUMBER	264736
CLASS	13-03

1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF,

22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA

DATE OF REGISTRATION	13/08/2014	
TITLE	MODULAR SWITCH PLATE	



PRIORITY NA

DESIGN NUMBER	264461		
CLASS	06-08		
1)KUSHAL KARYASHALA PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956), 1, RAJ NAGAR ENCLAVE, PITAM PURA, DELHI-110034 (INDIA)			
DATE OF REGISTRATION 05/08/2014		ı	
TITLE	CLOTH HANGER		

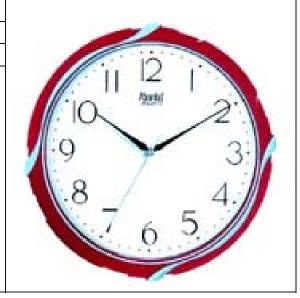


PRIORITY NA

DESIGN NUMBER	263352	
CLASS	10-01	
1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF		

1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA

DATE OF REGISTRATION		13/06/2014	
	TITLE	CLOCK	



PRIORITY NA

DESIGN NUMBER	262568		
CLASS	11-02		
1)M/S. MARCO POLO S.R.L.; AN VIA C., MARX, 8, 06011 CITTA D	ITALIEN CORPORATION OF THE ADDRESS: I CASTELLO (PG), ITALY		
DATE OF REGISTRATION	13/05/2014		
TITLE	TABLE CENTERPIECE	9-5	
PRIORITY NA			
DESIGN NUMBER	262658		
CLASS	12-16		
1)MUKESHBHAI L. GARDHARIY PROPRIETOR OF KASHYAP AUTO PROPRIETORSHIP FIRM HAVING A/106, RAMESHWAR ESTATE, V SOCIETY, NEAR JAY CHEMICAL, O INDIA			
DATE OF REGISTRATION 16/05/2014			
TITLE	SHOCK ABSORBING PAD FOR VEHICLES	* *	
PRIORITY NA			
DESIGN NUMBER	259932		
CLASS 12-16			
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION 31/01/2014			
TITLE			
PRIORITY NA			

DESIGN NUMBER		263645	
CLASS	08-08		
1)ATLAS COPCO AIRPOWER, N. BOOMSESTEENWEG 957, 2610 V			
DATE OF REGISTRATION	24	4/06/2014	W (1/2)
TITLE	MOUNTING BI	RACKETS FOR TUBES	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002378604 -003	30/12/2013	ОНІМ	
DESIGN NUMBER		263818	
CLASS		03-01	
1)FURLA S.P.A. VIA BELLARIA, 3-5, I-40068 SAN NATIONALITY: ITALY			
DATE OF REGISTRATION	0:	1/07/2014	
TITLE	HANDBAG		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002422733-0002	11/03/2014	OHIM	
DESIGN NUMBER		262933	
CLASS	21-02		
1)MAGIC PRODUCTION GROUP LUXEMBOURG OF FINDEL BUS TRÈVES, L-2632 FINDEL, LUXEMBO	INESS CENTER, COM		
DATE OF REGISTRATION	2	7/05/2014	66
TITLE	TOY BALL		100
PRIORITY			C D CO
PRIORITY NUMBER	DATE COUNTRY		9
DM/083478	30/04/2014 WIPO		

DESIGN NUMBER		262586	
CLASS		13-03	feet and the second
FOR CORRESPONDENCE	AT C/O VIJETA S	IAN NATIONAL HAVING ADDRESS WITCHGEAR PVT LTD, 6436, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	1	15/05/2014	
TITLE	CABINI	ET FOR ELECTRIC POWER CONTRO EQUIPMENT	L -
PRIORITY NA			
DESIGN NUMBER		262684	
CLASS		12-16	
1)SENTEC E&E CO., LTI NO. 32, GONG 5TH RD., TAIWAN (R.O.C.)		: TAIWAN ADDRESS AT SHIP, TAOYUAN COUNTY 325,	
DATE OF REGISTRATION	I .	19/05/2014	
TITLE	CARBO	N CANISTER FOR A MOTOR VEHICL	JE
PRIORITY NA			
DESIGN NUMBER		263070	
CLASS	ASS 23-03		
THE LAWS OF JAPAN, HA	VING ITS OFFIC	RATION INCORPORATED UNDER E AT SAKA-SHI, OSAKA, JAPAN	
DATE OF REGISTRATION	OF REGISTRATION 03/06/2014		
TITLE		HEAT EXCHANGER HOLDER	
PRIORITY			794
PRIORITY NUMBER	DATE	COUNTRY	у П
30-2013-0061657	06/12/2013	REPUBLIC OF KOREA	G B

DESIGN NUMBER	259954
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	31/01/2014
TITLE	CLUSTER BEZEL TOP OF A VEHICLE



PRIORITY NA

DESIGN NUMBER	264602
CLASS	13-03

1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF,

22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA

DATE OF REGISTRATION	08/08/2014
TITLE	SOCKET



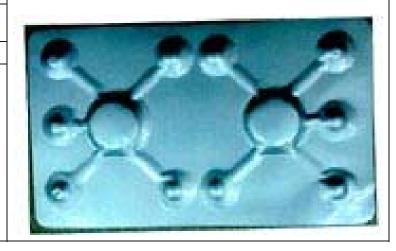
PRIORITY NA

DESIGN NUMBER	264469
CLASS	09-05
4) 44 477 44 4 7 0 7 4 7 0 7 7 7 7 7 7 7 7	

1)ALKEM LABORATORIES LIMITED, HAVING OFFICE AT

EXHIBITION ROAD, PATNA-800001

DATE OF REGISTRATION	05/08/2014
TITLE	BLISTER PACKAGE



PRIORITY NA

DESIGN NUMBER		262494	
CLASS		02-04	7
1)RELAXO FOOTWEARS LTD OLD ROHTAK ROAD, DELHI-11 AN INDIAN COMPANY REGIS OF THE ABOVE ADDRESS	0035, INDIA,	,	
DATE OF REGISTRATION	09	0/05/2014	
TITLE	SOL	E OF SHOE	
PRIORITY NA			
DESIGN NUMBER		263131	
CLASS		23-01	
REGISTERED OFFICE AT	E INDIAN COMPANIES ACT, 1956, HAVING IIK-422 010, MAHARASHTRA, INDIA 05/06/2014		
TITLE]	FILTER	
PRIORITY NA			
DESIGN NUMBER		265465	
CLASS		13-03	
1)YAZAKI CORPORATION, A 4-28, MITA 1-CHOME, MINATO			
DATE OF REGISTRATION	05	5/09/2014	
TITLE	ELECTRICAL C	ONNECTOR HOUSING	
PRIORITY			TO THE MENT OF THE PARTY OF THE
	DATE COUNTRY		111 3 1221 11/
PRIORITY NUMBER	DATE	COUNTRY	A JE

DESIGN NUMBER		264600	
CLASS		13-03	
1)GOLD MEDAL ELECTRICAL UNDER COMPANY ACT 1956 OF 22/23 SHUBH BUILDING, SAGA BHOIDAPADA, VASAI (E), THANE	, AR MANTHAN INDUST	RIAL COMPLEX,	GIFA •
DATE OF REGISTRATION	30	3/08/2014	
TITLE	S	OCKET	0 0
PRIORITY NA			•
DESIGN NUMBER		264743	
CLASS		13-03	
1)GOLD MEDAL ELECTRICAL UNDER COMPANY ACT 1956 OF 22/23 SHUBH BUILDING, SAGA BHOIDAPADA, VASAI (E), THANE	, AR MANTHAN INDUST	RIAL COMPLEX,	
DATE OF REGISTRATION	13	3/08/2014	
TITLE	MODULAF	R SWITCH PLATE	-
PRIORITY NA			
DESIGN NUMBER		262406	
CLASS		08-03	
1)FAM OF NEERVELD, 2, KONTICH, B-25.	50, BELGIUM		
DATE OF REGISTRATION	07	7/05/2014	hum.
TITLE	CUT	ΓING TOOL	-
PRIORITY			- Landanananananananananananananananananan
PRIORITY NUMBER	DATE	COUNTRY	54
1389092-0002	07/11/2013	OHIM	

DESIGN NUMBER		262478	
CLASS	19-06		
1)FLAIR WRITING INSTRUMEN B/C, GOVT. INDUSTRIAL ESTATE 400067, [MAHARASHTRA], INDIA; WHOSE PARTNERS ARE KHUBI AND MOHIT RATHOD; ALL INDIAN	, CHARKOP, KANDI LAL J. RATHOD, MA	VALI (W), MUMBAI - NJULA V. RATHOD	63,
DATE OF REGISTRATION	09	0/05/2014	
TITLE		PEN	
PRIORITY NA			*
DESIGN NUMBER		266703	
CLASS		06-03	
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1913, OF INTERIO DIVISION, PLANT 4, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA			IBAI-
DATE OF REGISTRATION	14/10/2014		
TITLE	DINING TABLE		
PRIORITY NA			
DESIGN NUMBER	260136		
CLASS	06-13		
1)PETER JASON WILLS, 28 COPES CRESCENT, WOLVER UNITED KINGDOM, NATIONALITY		DLANDS, WV10 0SL,	
DATE OF REGISTRATION	05/02/2014		E
TITLE	DUVET COVER		
PRIORITY			
			II .
PRIORITY NUMBER	DATE	COUNTRY	

DESIGN NUMBER	261903
CLASS	08-06

1)(1) RUPESHBHAI MANSUKHBHAI MANSARA (2) JAYESHBHAI GOBARBHAI SHEKHALIYA (3) CHETANBHAI LAVJIBHAI SINGHALA (ALL THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF JAY SOMNATH METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT:

3, MARUTI INDUSTRIAL AREA, KOTHARIA RING ROAD, B/H. MURLIDHAR WAYBRIDGE, N.H. 8B, RAJKOT-360003-GUJARAT-(INDIA)

DATE OF REGISTRATION	22/04/2014
TITLE	HANDLE
PRIORITY NA	



'KIOKITY NA

DESIGN NUMBER	264263
CLASS	08-06

1)HARSHADBHAI KARSANBHAI AJANI (ADULT & INDIAN NATIONAL) SOLE PROPRIETOR OF PAL ENTERPRISE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT:

6, PARSANA SOCIETY, 50 FEET ROAD, KOTHARIA ROAD, RAJKOT-GUJARAT- (INDIA)

DATE OF REGISTRATION	28/07/2014
TITLE	HANDLE



PRIORITY NA

DESIGN NUMBER	264330
CLASS	26-05

1)GE INDIA INDUSTRIAL PVT LTD,

PLOT NO. 42/1 & 45/14, ELECTRONIC CITY PHASE II, BANGALORE-560100, NATIONALITY-INDIAN

DATE OF REGISTRATION	28/07/2014	
TITLE	LIGHTING FIXTURE	



PRIORITY NA

DESIGN NUMBER		26343	9	
CLASS		12-16		-
1)R. N. GUPTA & COMPANY LI INCORPORATED UNDER THE CO AT UNIT-II, GT ROAD, TEHSIL PAY	OMPANIES AC	DIAN COMI T, 1956), HA	PANY	299
DATE OF REGISTRATION	17/06/2014		014	1346 N
TITLE	FRC	FRONT FRAME OF CRANE		" Grand of 100
PRIORITY NA				S. Co.
DESIGN NUMBER		26240	4	
CLASS		08-03	3	
1)FAM OF NEERVELD, 2, KONTICH, B-2550, BELGIUM				Munic
DATE OF REGISTRATION		07/05/20	014	The state of the s
TITLE		CUTTING	TOOL	THE RESERVE OF THE PARTY OF THE
PRIORITY				
PRIORITY NUMBER	DATE	•	COUNTRY	
1389100-0001	07/11/2013	3	OHIM	1 0%
DESIGN NUMBER		26516	0	
CLASS		10-07	7	
1)MONTRES TUDOR S.A., A JOB EXISTING UNDER THE LAWS OF OF 3, RUE FRANCOIS DUSSAU	F SWITZERLAN	ND,		STREET SON STREET
DATE OF REGISTRATION		26/08/2014		1 A
TITLE		WATCH WR	LISTLET	N. S. S.
PRIORITY				0
PRIORITY NUMBER	DATE	COUN	TRY	
140457	28/02/2014 SWITZERLAND		ZERLAND	

DESIGN NUMBER	262473	
CLASS	19-06	
1)FLAIR PENS LIMITED, AN INI 63, B/C, GOVT. INDUSTRIAL ES 400067, [MAHARASHTRA] INDIA	DIAN PARTNERSHIP FIRM OF TATE, CHARKOP, KANDIVALI (W), MUMBAI -	
DATE OF REGISTRATION	09/05/2014	CHANT VITAL
TITLE	PEN	
PRIORITY NA		
DESIGN NUMBER	263099	
CLASS	12-16	
1)DEERE & COMPANY, A US CO ONE JOHN DEERE PLACE, MOL	DRPORATION OF INE, ILLINOIS, 61265 - 8098, USA	
DATE OF REGISTRATION	03/06/2014	
TITLE	STRUCTURAL PILLAR FOR A VEHICLE	
PRIORITY NA		
DESIGN NUMBER	260020	
CLASS	26-06	
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 001, MAHARASHTRA, INDIA	INDIAN COMPANY OF DY STREET, HUTATMA CHOWK, MUMBAI 400	
DATE OF REGISTRATION	31/01/2014	
TITLE	HEAD LAMP OF A VEHICLE	
PRIORITY NA		

DESIGN NUMBER		264944	
CLASS	11-01		
1)KONINKLIJKE ASSCHER DIAM EXISTING UNDER THE LAWS OF TOLSTRAAT 127, 1074 VJ AMSTI	THE NETHERLANDS	S ,	
DATE OF REGISTRATION	21/08/2014		
TITLE	DI	AMOND	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002427476-0001	18/03/2014	OHIM	
	259539		
DESIGN NUMBER		259539	
DESIGN NUMBER CLASS		259539 12-16	
	NDIAN COMPANY (12-16 OF	
CLASS 1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD	INDIAN COMPANY (DY STREET, HUTATM	12-16 OF	
CLASS 1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 400001, MAHARASHTRA, INDIA	INDIAN COMPANY (DY STREET, HUTATM 20 CLUTCH RELI	12-16 OF IA CHOWK, MUMBAI	