पेटेंट कार्यालय

शासकीय जर्नल

OFFICIAL JOURNAL

OF

THE PATENT OFFICE

निर्गमन सं. 17/2015	शुक्रवार	दिनांक: 24/04/2015
ISSUE NO. 17/2015	FRIDAY	DATE: 24/04/2015

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.

(Rajiv Aggarwal)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

24TH APRIL, 2015

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THE PATENT OFFICE
KOLKATA, 24/04/2015
Address of the Patent Offices/Jurisdictions
The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

1	Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in	4	The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032. Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in ❖ The States of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli	5	The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector –V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in ❖ Rest of India
3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: delhi-patent@nic.in ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.		

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

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

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

पेटेंट कार्यालय

कोलकाता, दिनांक 24/04/2015

• कार्यालयों के क्षेत्राधिकार के पते

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

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिहन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फ़ैक्स: (91) (22) 24123322 ई. मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फ़ैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फ़ैक्स: (91) (22) 24130387 ई. मेल: Mumbai-patent@nic.in ❖ • गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली•	5	पेटेंट कार्यालय, भारत सरकार कोलकाता, (प्रधान कार्यालय) बौद्धिक संपदा भवन, सीपी-2, सेक्टर- V, साल्ट लेक सिटी, कोलकाता-700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फ़ैक्स:/Fax: (91)(33) 2367 1988 ई. मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. फोन: (91)(11) 2808 1921-25 फ़ैक्स: (91)(11) 2808 1920, 2808 1940 ई. मेल: delhi-patent@nic.in हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: http://www.ipindia.nic.in

www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे।

शुल्क: शुल्क या तो नगद रूप में या Controller of Patents **के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है ।**

SPECIAL NOTICE

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

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

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

(Rajiv Aggarwal)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

CORRIGENDUM

The CONTENTS published in Page No. 26368 of the Official Journal No. 09/2015 dated 27/02/2015 & Page No. 31342 of the Official Journal No. 16/2015 dated 17/04/2015 should be read as:-

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AND

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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.1265/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :31/03/2015

(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR SYNTHESIS OF SILVER NANO PARTICLES USING KERATIN FIBRES

(51) International classification	:C22B 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)G D KHERDEKAR

(72)**Name of Inventor :**

1)MR. MANAS KANTI BARDHAN

2)MR. GIRISH DATTATRAYA KHERDEKAR

(57) Abstract :

The present invention relates to a new method for synthesis of silver nano particles using keratin fibres and their wastes. The keratin fibres e.g. wool fibres are chopped to length less than 5 mm, mixed with a silver salt and pulverized in a ball milling machine for 5 to 20 min. After this pulverization step, a grey or black coloured powder is formed which shows that silver ions were reduced by keratin by intensive milling action to yield keratin/silver complex powder. This powder is then dissolved in aqueous solution of sodium hydroxide at 60-95° C for a few minutes to yield orange to dark red coloured solution of spherical shaped silver nano particles (35 nm diameter) with absorption peak at around 410 nm. Sodium hydroxide not only dissolves the keratin component but also serves as weak reducing agent. The present invention obviates the need of costly capping and stabilizing agents like poly vinyl pyrrolidone, different surfactants, etc. The keratin acts as reducing agent as well as capping or stabilizing agent preventing the particles from aggregating. The proposed method yields very stable solutions of silver nano particles which can be stored for several days under normal atmospheric conditions. And further, the invention relates to finishing of textiles with these silver nano particles to impart functional properties. Various functional properties can be imparted to textile materials such as antimicrobial activity, UV resistance, static resistance, etc.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2015

(21) Application No.1524/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTRONIC DEVICE WITH SUCTION FOR CONTINUOUS CURVILINEAR CAPSULORHEXIS

(51) International classification	:A61B3/14, A61B3/00, A61B18/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
The electronic device has a motor which can rotate the handle 360 degrees around a pivot point. There is a vacuum pump at the centre which can create suction across the handle to pull off the torn capsule. The sharp tip is adjustable on the handle to fix the radius of capsulorhexis. There is a adjustable hinge to fix the angle of bend. The width of the handle is around 2mm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2015

(21) Application No.742/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM FOR GENERATING GEOTECHNICAL STRENGTH CHARACTERISTICS IN GIS FROM GEOLOGICAL PARAMETERS FOR FOUNDATION DESIGNING

(51) International classification :G06Q10/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Dr. Yashwant Bhaskar Katpatal
2)Nabhajeet Biswas
3)Medhavi Krishna
4)Sonika Sah
5)Parikshit Thakre

(57) Abstract :
ABSTRACT Present invention provides conceptualized spatial model for verifying the bearing capacities of the foundation material. This study was carried out using a few points into consideration. The results obtained for other places using these however showed accurate results establishing the accuracy and reliability of his technique. Here 9 parameters were used however more parameters and more of detailed analysis can be carried out to achieve better and more precise results. The important point here to notice is that even when we used very few parameters the results obtained were accurate and consistent. This means that remote sensing and GIS techniques offer first of all very accurate data and secondly the analysis carried out using a remote sensing software is very methodical and correct. We have generated our map using the selected parameters. Similarly, various other maps can be generated by using more factors and their weights. Following invention is described in detail with the help of Figure 1 of sheet 1 showing lithology map, Figure 2 of sheet 2 showing contour of bearing capacity and Figure 3 of sheet 3 showing final weighted overlay map of bearing capacity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2014

(21) Application No.164/MUM/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS OF MAKING LAMINATE STRUCTURES WITH HIGH BARRIER EXTRUSION COATING FOR FLEXIBLE PACKING.

(51) International classification	:B32B15/08, B32B27/08, B32B27/28, B32B
(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

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(72)**Name of Inventor :**
1)HARISH GOEL

(57) Abstract :
A method and system of producing barrier laminate structure for flexible packaging by co-extrusion coating / lamination of one or more substrates, using one or more extrusion coating / lamination stations, comprising of one or more extruders at each of the stations, operating in isolation or in tandem yielding multilayered extrusion coating / lamination (ECL), comprises one or more intermediate barrier layer(s) and / or adhesive / tie / sealant layer(s) in the final laminate for enhanced oxygen, gas and moisture barrier as also aroma retention.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.1447/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR LOW COST ROBUST MULTIPLE FAULTS DETECTION IN AUTOMOBILE ENGINES BASED ON NEURO-COMPUTING APPROACH

(51) International classification	:G06F 19/00,F02D 41/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Sanjay Vasant Dudul
Address of Applicant :Professor and Head, Post Graduate Dept of Applied Electronics, Sant Gadge Baba Amravati university, Amravati Maharashtra State, India.
2)Shankar Nathuji Dandare
(72)**Name of Inventor :**
1)Sanjay Vasant Dudul
2)Shankar Nathuji Dandare

(57) Abstract : The challenging problem of multiple faults detection in automobile two stroke, four stroke and 800 cc car petrol engines is solved efficiently by using a simple method. This method employs a single sensor and neuro-computing approach, which constitutes signal processing, neural networks and Support Vector Machines. From sound recording of healthy and faulty engines, significant features are extracted using signal processing resulting into a knowledge base, which is partitioned into training, CV and Testing dataset. The efficacy of the estimated neural network models are rigorously evaluated, so that the proposed technique is biased neither for specific data nor for any partitioning scheme for obtaining reasonable classification accuracy for combined multiple faults. The reliability and consistency in faults detection by the adopted technique is fully justified as the recorded signal always has inherent embedded background noise. The invention is described by way of real world example with reference to the following drawings: Figure 1: Shows the Working of Proposed Fault Detection System, in which following are the sequence of operations. 1 denotes three different types of engines are considered for Fault Detection System, out of which one Automobile Engine is selected, 2 denotes the engine status normal and different faulty conditions, 3 denotes the recording of Healthy & all Faulty Signals from the Engine, 4 denote the completion of recording, 5 denotes the normalisation and conversion into discrete samples, 6 denotes the change in gear position and speed of the engine, 7 denotes the Knowledge base Representative of Healthy & Faulty Conditions of signals, 8 denotes the Design & Development of Statistical & ANN Based Classifiers, 9 denotes the Selection of Optimal Classifier, 10 denotes the checking of the optimal classifiers, 11 denotes end, 12 denotes no, 13 denotes yes, 14 denotes no, 15 denotes yes. Figure 2: Shows the working of statistical classifiers in which, 1 denotes the knowledge base of different faults is applied to Statistical Classifiers, 2 denotes the selection of classification and regression trees for single and multiple fault conditions, 3 denotes the selection of Qualitative Output and Quantitative Inputs from an Engine™ Data Comprising of Normal and Faulty Condition, 4 denotes the selection of Measure and Tree Depth for each method, 5 denotes the performance of the classifier, 6 denotes the confusion matrix of each classifier, 7 denotes the status of the classifier, 8 denotes the comparison of classification Accuracy of all classifiers, 9 denotes selection of the optimal classifier on the basis of best performance, 10 denotes the status of selection of optimal classifies, 11 denotes the end, 12 denotes no, 13 denotes yes, 14 denotes yes, 15 denotes no. Figure 3: Shows the Working of ANN Based Classifiers in which, 1 denotes the selection of Knowledge Data Base for ANN based classifiers for Single/Multiple faults, 2 denotes the data partitioning, 3 denotes the selection of classifiers amongst ten types of classifiers. (MLP, GFF, MNN, JEN, PCA, SOFM, RBF, TLRN, RN & SVM) to classify the faults, 4 denotes the application of training datasets to ANN based classifier, 5 denotes the testing data is applied to trained ANN based classifier, 6 denotes Training of an ANN based classifier, 7 denotes the checking of training process, 8 denotes the Freezing of Connection Weights & Biases for the Trained ANN based classifier, 9 denotes the examination of Classification Accuracy for Estimated Sample, 10 denotes the status of classifiers, 11 denotes the selection of the next classifier, 12 denotes the design and development of optimal classifier, 13 denotes the evaluation of optimal classifiers, 14 denotes the Validation of ANN based classifiers, 15 denotes the end of process, 16 denotes no, 17 denotes yes, 18 denotes no, 19 denotes yes. Figure 4: Shows the proposed architecture of Fault Detection System for two stroke engine, which incorporates an automobile engine under test which is surrounded by different faults i.e. Air Filter Fault (FF), Spark Plug Fault (SP), Rich Mixture Fault (RM), Gudgeon Pin Fault (GP), Insufficient Lubricants Fault (ISL) and Piston Ring Fault (PR) and + sign indicates extension of the system for any other additional faults. The other parts of architecture are: 1. Microphone as a sensor 2. Data acquisition system 3. Signal processing system 4. Decision Making Neural Network Committee and 5. Visual Display System Figure 5 and Figure 6: Also shows the proposed architecture of Fault Detection Systems for HHPFS and MSAFS engines respectively. The working of the architectures for HHPFS and MSAFS engines are similar to two stroke engine as shown in Figure.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.1512/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN IMPROVED DIGITAL FUEL METER AND THE METHOD THEREOF

(51) International classification	:G01F 3/36, G01F 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Tarachand Ishwardas Kambale

(57) Abstract :
The present invention relates to to an improved system for determining the quantity of a fuel stored in a container subject to varying external forces and road conditions. More particularly, the present invention relates to digital fuel indicator which provides accurate and efficient readings using load cell.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.1513/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A SECURITY SYSTEM FOR AUTOMOBILES TRIGGERED BY SPEECH SIGNAL

(51) International classification	:B60R25/04, B60R25/10
(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

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(72)**Name of Inventor :**
1)Tarachand Ishwardas Kambale

(57) Abstract :
The present invention relates to a security system including speech recognition embedded system that can be installed in the vehicles like Cars, Buses, Mini-Buses, Trucks and Auto Rickshaws for use with safety purposes of passengers, more particularly, the present invention relates to the implementation of the hardware configuration of the security system for automobiles triggered by speech signal.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2014

(21) Application No.3155/MUM/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTRO MECHANICAL LOCKING SYSTEM FOR CONTAINER VEHICLES

(51) International classification	:E05B49/00, G07C9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MEHTA HARISH CHANDRA

(57) Abstract :
An electro-mechanical locking system for securing a container of a container vehicle travelling from a starting point to a specific destination, the system comprising an electro-mechanical lock for securing the container, the electro-mechanical lock configured to be opened using a location-specific and time-specific electronic key, and a GPS system to provide an instantaneous geographical location of the container vehicle en route a desired destination in real time, wherein the electronic key is accessible over a communication network as and when the container-carrying vehicle reaches the desired destination within a permissible limit of a standard trip time required to reach the desired destination from the starting point

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2015

(21) Application No.1045/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ULTRA-DEFORMABLE LIPOSOMAL GEL OF VANCOMYCIN

(51) International classification	:A61K9/127, A61K31/7052,
(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

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(72)**Name of Inventor :**
1)RAHUL MAHESHWARI
2)SARITA SINGHAL
3)RAKESH P. PATEL
4)RAKESH K. TEKADE

(57) Abstract :
Disclosed is an ultra-deformable liposomal gel of vancomycin. The ultradeformable liposomal gel of vancomycin comprises 1, 2-distearoyl-sn-glycero-3-phosphocholine, 1, 2-dimyristoyl-sn-glycero-3-phospho glycerol, a non-ionic surfactant, 1,2-distearoyl-glycero-3-phosphatidylethanolamine, -S- -N- [methoxy (polyethylene glycol) -2000], propylene glycol, glycerol, hydroxypropyl methycellulose and vancomycin. Being a non-invasive, self-controllable system, the ultra-deformable liposomal gel of the present invention provides localized sustained availability of vancomycin for a longer period of time.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2014
(21) Application No.4092/MUM/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR EARLY PRODUCTION OF METHANE RICH BIOGAS

(51) International classification	:C10L3/10, C25B1/04, C10L3/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Jagdeep Ganpatrao Deshpande

(57) Abstract :
Disclosed is a process (500) for an early production of a methane rich biogas. The process (500) is carried out in a digester (200) by using an organic matter/biomass in an anaerobic condition and in presence of methanogens. The process (200) includes acceleration of methane formation, stabilization of the digester (200), activation of the digester (200) and normalization of the activated digester (200) for production of biogas and finally obtaining the methane rich biogas. The process (500) also facilitates utilization of the slurry for producing manure and reducing the moisture content of gas and conversion the same in to more useful gas. Figure 1

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015
(21) Application No.907/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITIONS OF LOSARTAN POTASSIUM AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61K31/4178, A61K9/36
(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

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2)LALITHA K.G.
(72)**Name of Inventor :**
1)PAWAR HARSHAL ASHOK
2)LALITHA K.G.

(57) Abstract :
The present invention provides sustained release pharmaceutical compositions of a freely water soluble drug such as, but not limited to, losartan potassium as the active pharmaceutical ingredient for oral administration and methods of preparing such sustained release compositions using one or more natural or semisynthetic carriers.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2015

(21) Application No.1132/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VOLTAGE SENSING ARRANGEMENT FOR ELECTRICAL SWITCHING DEVICES

(51) International classification	:H02H1/00, H02H3/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SENGUPTA, Himadri
2)LONDHE, Rajesh

(57) Abstract :
The present disclosure provides a voltage sensing arrangement for an electrical switching device including an actuator mounted on a plunger that has a slot, and a latch that is operatively coupled with the actuator such that when the plunger is in picked-up condition, the latch holds the plunger through the actuator, and when the plunger is in drop-off condition, the latch releases the plunger through the actuator, and wherein when the plunger is released, the slot of the plunger engages with a screw member to enable adjustment in length of the plunger.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2015

(21) Application No.1036/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PUSH TO TRIP BUTTON FOR CIRCUIT BREAKER

(51) International classification	:H01H71/74, H01H71/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GOR, Mrugesh
2)VETRIVEL, K

(57) Abstract :
The present disclosure relates to the field of protection devices, particularly to a circuit breaker having a mechanism to enable tripping of the breaker manually for purposes of maintenance and checks whenever needed. The present disclosure further relates to a trip button that is accessible to a user, and which can be pushed. A cantilever arm has been configured on the push button to act as a spring, wherein once the user pushes the button, cam profile on the push button pushes and rotates the trip-plate such that rotation of the trip-plate in the intended direction defines the tripping action and therefore trips the breaker. After the user releases the trip button, due to the cantilever action and its unique floating arm design, the proposed trip button come to its starting position.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.1511/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POWER AWARE CONTROLLED RELIABILITY PROTOCOL IN WIRELESS SENSOR NETWORK

(51) International classification	:H04L29/08, H04W52/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Mr. Vivek Deshpande
2)Ajinkya Anil Nanavati

(57) Abstract :
A wireless network is a bunch of variety of sensor nodes and forwarding nodes which are randomly placed in remote area to observe various changes in applications like soil, forest, sea, wind, temperature, humidity etc. WSN have many applications in tracking of objects, habitat monitoring, battlefield, healthcare among others. The performance of a sensor network depends on different QOS parameters such as reliability, throughput, congestion and energy. The energy and reliability are two important measures in WSN. There is always tradeoff between Reliability and energy. The power efficiency and desired reliability is achieved dynamically by varying transmission range .Power Aware Controlled Reliability Protocol also uses strategy to improve average packet delivery ratio, average throughput, reliability during the data transmission, and reduce average energy consumption. This invention not only achieves desired reliability but also increases network life time. This protocol is deployed on each node in the network. Following invention is described in detail with the help of figure 1 of sheet 1 showing flow chart of Power Aware Controlled Reliability Protocol

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.1449/MUM/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONTROLLED DUTY CYCLE (CDC) SCHEME FOR ENERGY EFFICIENT ROUTING PERFORMANCE IN WIRELESS SENSOR NETWORK

(51) International classification :H04L12/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Mr. Vivek Deshpande
2)Mohit M. Chitlange

(57) Abstract :
Wireless Sensor Network (WSN) has limited resources such as battery and computational power. Many applications of WSN contain sensor nodes which are remotely located. Hence energy for such applications should be efficiently utilized. This imposes a major attention for energy conservation in WSN. In existing duty-cycled schemes, the nodes switch between active and dormant states independently; this may affect the performance of the network. In order to overcome this issue, Controlled Duty Cycle (CDC) scheme has been proposed for energy efficient routing in WSN. In CDC scheme switching between active and dormant states is controlled by downstream nodes. Initially each source node finds shortest path to the destination and awakes each node on defined path while sending data. CDC scheme finds alternative path to the destination if congestion occurs. Thus proposed controlled duty cycle scheme will enhance network lifetime and other Quality of Service (QoS) parameters of WSN. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the controlled duty cycle scheme for energy efficient routing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2014
(21) Application No.2140/MUM/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A SAFETY DEVICE FOR INDICATING THE DISENGAGED AND ENGAGED POSITION OF THE DRIVE SHAFT AND THE GEARS IN A GEARBOX OF A TWO WHEELED VEHICLE.

(51) International classification	:B60K23/08, F16D48/12, F16D11/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)DIVYA RAMRAIKA
2)SAURABH MADHU

(57) Abstract :
A contactless and failsafe safety device for indicating the disengaged and engaged position of the drive shaft and the gears in a gearbox of a two wheeled vehicle is disclosed

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2014

(21) Application No.2141/MUM/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A DEVICE FOR ENHANCED SAFETY IN USING A SIDE STAND FOR PARKING OF TWO WHEELED VEHICLE

(51) International classification :B62H1/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DIVYA RAMRAIKA
2)SAURABH MADHU

(57) Abstract :
A device adapted for accurate and quick assembly on a two wheeled vehicle for enhanced safety in using a side stand for parking of the vehicle is disclosed.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2013

(21) Application No.3610/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WATER SOLUBLE SALTS OF DASATINIB HYDRATE

(51) International classification	:A61K31/506, A61K9/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
The present invention discloses stable water soluble salts of Dasatinib monohydrate and process for the preparation thereof. The invention also describes an improved, commercially adoptable process for preparing pure Dasatinib Monohydrate.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1474/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :23/03/2015
(43) Publication Date : 24/04/2015

(54) Title of the invention : A MULTIPURPOSE DENTAL IRRIGATION SYSTEM

(51) International classification :a61C
(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

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(72)**Name of Inventor :**
1). Dr.A.Subbiya

(57) Abstract :
A Multipurpose dental irrigation system Irrigation is an integral part of root canal debridement because it allows for cleaning beyond what root canal instrumentation can achieve. A smaller-gauge needle is more effective than a large-gauge needle in narrow canals of posterior teeth. The problem encountered in irrigation with a smaller needle is the greater manual pressure required to irrigate through smaller gauge needle. This results in hand fatigue because of which dentists are reluctant to use ideal needles such as 30-gauge needles. The proposed equipment uses the air pressure from the compressor in a regulated manner such that dentists are encouraged to use the appropriate needle for the given canal which increase the success rate of endodontic treatment.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2015

(21) Application No.1686/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CRUSHING SYSTEM

(51) International classification :B02C
(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

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3)VELUCHAMY SUNDARAMOORTHI
4)CHULLICKAL RAPHAEL DEEPAK
5)MALAYATH ARAVINDAKSHAN ATMANAND

(57) Abstract :
Described herein is a crushing system that includes a hopper configured by at least two sections separable from and joined to each other to define a split configuration and a joined configuration, respectively, a crushing chamber located operatively below said hopper, said crushing chamber provided with a plurality of spaced apart crushing bars configured therein, said crushing chamber comprising at least two portions adapted to be separable from and joined to each other to define a split configuration and a joined configuration of said crushing chamber respectively to facilitate release of material blocked in said crushing chamber and relieve stresses, a paddle screw shaft with a plurality of spaced apart crushing flights configured thereon rotatably supported on bearings inside said crushing chamber, and a drive adapted to rotate said paddle screw shaft in either direction. Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2015

(21) Application No.1606/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING SIGNAL PENETRATION OF ONE OR MORE NEIGHBOR BASE STATIONS

(51) International classification :H04W
(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

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2)AVIJIT MANNA
3)SHYAM SUNDAR PAL

(57) Abstract :
A method and system for determining signal penetration of one or more neighbor base stations is disclosed. The method comprises: receiving one or more measurement reports from one or more UEs associated with a serving base station, wherein the one or more measurement reports comprise signal strength values of the one or more neighbor base stations; identifying a location of each of the one or more UEs based on the one or more measurement reports; determining a distance between one or more pairs of UEs based on the location of the each UE; defining one or more penetration areas based on the one or more distances between the one or more pairs of UEs; and determining signal penetration in the one or more penetration areas based on the one or more pairs of UEs associated with each of the penetration areas.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2015

(21) Application No.1864/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR COLOCALIZATION OF PLASMONIC NANOPARTICLES AND BIOMOLECULES WITH PLASMONIC AND RAMAN SCATTERING MICROSPECTROSCOPY

(51) International classification :G01N
(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

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(72)**Name of Inventor :**
1)PRADEEP THALAPPIL
2)KAMALESH CHAUDHARI

(57) Abstract :
The present invention, relates to an optical microscopic teclinique for the colocalization of plasmonic nanobiolabels and biomolecules by plasmonic and Raman scattering microspectroscopy, wherein a technique has been developed along with the protocols for such measurements. Observations were made using a high resoluton dark field condenser attached to a point sean con Toca I Raman scattering microspectroscopy set-up wherein the invented technique was demonstrated to colocalize silver nanoparticles with biomolecules in the vicinity of Escherichia coli bacteria. Applicability of the technique on measurements with mammalian cells was also demonstrated on human embryonic kidney (HEK293) cells treated with AuNPs.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2015

(21) Application No.214/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR PREPARING CRYSTALLINE LINEZOLID FORM-III

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BHEMIREDDY, Satyanarayana Reddy
2)PAIDIMARLA, V. Vara Prasada Reddy
3)YARAPATHI, Venkat Reddy

(57) Abstract :
Novel process for preparing crystalline Linezolid Form III is disclosed.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2014
(21) Application No.2998/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AUTOMATED GEAR DRIVE ARECANUT DEHUSKING MACHINE

(51) International classification :A23N
(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

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(72)**Name of Inventor :**
1)PRAKASH G.R

(57) Abstract :
The present invention mainly relates to arecanut Dehusking and more particularly to the Automated Gear drive Arecanut Dehusking Machine. In one embodiment, the machine comprising: a housing body encloses the entire machine body and supports all the elements of the machine body, a hopper with inlet positioned at a first region of the dehusking machine for feeding arecanut in to operating chamber, an operating chamber positioned at a second region, the operating chamber includes a conveyor assembly, and a nylon wheel, where the conveyor assembly comprised of an endless chain moving in and out of the hopper and having provisions (step opening) for successively accepting single arecanuts into MS-TUB of operating chamber, a nylon wheel is provided double purity of the blades in contradictory direction to peel the areca nuts, a gear motor with 1440 rpm, the gear motor transfers rotational force of about 77 rpm to the gear box through drive shaft, a gear box with plurality of sprockets, wherein the gear box inputs 77 rpm to nylon wheel which provides steady rotation to peel the skin of the areca nut and at least two outlets, wherein one outlet is for discharging areca nut with skin removed and the other outlet is for discharging the husk of areca nut.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2015

(21) Application No.1442/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MANLESS MEDICINE DISPENSARY SYSTEM AND DELIVERY

(51) International classification :G06Q
(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

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2)Tanoy Kumar Paul
(72)**Name of Inventor :**
1)Tanoy Kumar Paul
2)Vinay V Kabadi

(57) Abstract :
A system and design for a manless medical store which supports a completely portable and automated medicine kiosk with no human support required for the medicine purchase. The system represents a medicines store with automated prescription reading, inventory management with medicine refilling, arrangement, identification, cutting and packaging of medicine using robotic arm operation. This system supports two modes for ordering medicine i.e. online and onspot enabled with both e-payment and cash. The system also supports two modes of delivery onsite and onspot, onsite delivery is supported by drones. System represents a complete kiosk where user enters prescription in a digital form and an automated system reads the prescription, checks the inventory for the availability of medicine, locating medicine™s position. A robotic arm picks the medicine from stock and another robotic arm helps to cut or sort the medicines based on requirement and packs it for delivery.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2015

(21) Application No.1701/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SELF LOCKING STRAP LOCK

(51) International classification :E05B
(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

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(72)**Name of Inventor :**
1)LAKSHMANAN RAMA CHANDRU

(57) Abstract :
A Self Locking Strap Lock device for attaching a strap to a Button on a guitar, consisting of a base block (7), two locking levers (8), a strip spring (9) and a top cover (10) where the base block of the Self Locking Strap Lock has a keyhole shaped slot (12), the circular part of the keyhole slot being larger than the head of the Button (6) and where the narrow part of the keyhole slot is wide enough to accommodate the waist (5) of the Button, with two pivot pillars (13) on either side of the circular part of the slot, with the area around the pillars recessed to accommodate the locking levers (8) and the strip spring (9), bounded on the keyhole slot by a retaining wall and two locking levers (8) with a wing shaped portion (15), a locking tang (16) and a pivot hole (17) to suit the diameter of the pivot pillars (13) in the base block and a top cover (10) with a keyhole shapedslot similar to the keyhole shaped slot in the base block and a top cover, which when fitted and secured to the base block, holds the locking levers and the strip spring.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2015

(21) Application No.1702/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE AND METHOD FOR CLEANING SOLAR PANELS

(51) International classification :H01L
(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

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(72)**Name of Inventor :**
1)AKULA SRIDHAR

(57) Abstract :
The present invention discloses a solar panel cleaning device (1) for cleaning a solar panel, said device comprises: a supporting frame (2) defining to maintain substantially parallel to the surface to be cleaned during displacement of the solar panel cleaning device along the surface; a squeegee (3) attached to front portion of the supporting frame along with a series of bristles (4) having two fixed nozzles (5, 6) and a feeder line coupled to a water source and the two fixed nozzles for dispensing the water onto the solar panel in a predetermined fashion; the supporting frame has a receiving end for receiving telescopic handle attached for displacing the solar panel cleaning device against the surface of the solar panel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015

(21) Application No.1428/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A GADGET TO PREDICT SEPARATION OF NICKEL-TITANIUM ENDODONTIC FILES

(51) International classification :A61C
(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

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(72)**Name of Inventor :**
1)Dr.A.Subbiya

(57) Abstract :
Root canal treatment has benefitted to a large extent after the introduction of Nickel-Titanium endodontic files. But the unpredictable breakage of these Nickel-Titanium instruments have been a worry as an instrument separation inside the root canal could jeopardise the success of endodontic treatment. Till now there is no gadget which can be used to predict the breakage of these files before introducing them into the root canal. The proposed gadget works on the principle that an acute flexural fatigue is more stressful than the stress encountered in a root canal. The Nickel-Titanium endodontic files is inserted into the gadget and used in a rotary/ reciprocating motion as per the Nickel-Titanium file used. The instrument is glided along the wall of the curved portion of the gadget. If the instrument is a weakened one it will snap when used inside the gadget. The lid on the gadget prevents the separated instrument tip to scatter away and cause any injury to the person testing the instrument or fall elsewhere. This helps the dentist prevent such accident inside the root canal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/04/2015

(21) Application No.1912/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SOLAR HYBRID COLLECTORS WITH INTEGRATED THERMAL STORAGE

(51) International classification :F24J
(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

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2)G. SANKARANARAYANAN
3)V. THIYAGARAJAN
4)R. VIJAY
5)KUBER NATH MISHRA

(57) Abstract :
The present invention relates to solar hybrid collectors (PV/T) having an integrated latent heat storage system comprising of phase change materials and heat pipes to supply hot water at an end user outlet. The excess heat haryested during the day is stored as latent heat in thermal storage system and the stored heat is utilized during night to supply h³t water at end user outlet. In addition the present invention also provides an opportunity to genrate heat and power simultaneousIy.The PV/T technology of the present invention offrs an attractive opportunity of integrating the heat and electrical power both being obtained with an improved efficjency and as per the requirement. The technology relates to a novel solar thermal collector integrated with heat pipe based latent heat storage using phase change materials (PCM). The system consists of inclined evacuated copper heat pipes containing low boiling fluid to absorb the heat from solar radiation and vaporize. The vapors then rise to the top where they are integrated with concentric cylindrical storage t¡nks. The inner tank consists of a PCM while the outer is filled with water. The vapors transfers heat first to water and then to the PCM resulting in heating of water and melting of the PCM respectively. As a result, the vapors condense and liquid returns to its original position under the action of gravity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2015

(21) Application No.1828/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A COMPOSITE POLYPECTOMY DEVICE

(51) International classification :A61B
(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

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(72)**Name of Inventor :**
1)YALAKA RAMI REDDY

(57) Abstract :
Exemplary embodiments of the present disclosure are directed towards a composite polypectomy device 100 comprising a longitudinal tubular flexible body 103, wherein the longitudinal tubular flexible body 103 comprises of a first conduit and a second conduit, wherein the first conduit is hollow and configured to partly enclose a snare device 101 and the second conduit is hollow and configured to partly enclose a forceps 102. This device is coaxially slidable within a channel of an endoscopic device 402 and the dimensions of the device are such that it can be accommodated and operated with ease through any channel of the endoscopic device 402. The composite polypectomy device 100 makes the process of snaring the polyps easier rendering the polypectomy procedure more efficient.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2015

(21) Application No.1655/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR SOFTWARE REUSE

(51) International classification :G06F
(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

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2)SARITHA BASIREDDY
3)CHANDRA SEKHAR CHANNAPRAGADA

(57) Abstract :
This disclosure relates generally to Information Technology (IT) and more particularly to a system and a method for software reuse. In one embodiment, the method includes identifying at least one portion of a software code contemporaneous to a user developing a software functionality in the IDE. The at least one portion of the software code corresponds to the software functionality. The method further includes prompting the user to reuse the at least one portion of the software code on the IDE. Thereafter, the method includes restricting the user from performing additional operations on the IDE during subsistence of the prompt. Finally, the method includes enforcing reuse of the at least one portion of the software code in response to obtaining a user approval for the at least one portion.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2015

(21) Application No.1656/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR EVOLVING AN ADAPTIVE SMART HOME NETWORK

(51) International classification :H04W
(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

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1)MANISH VERMA
2)TINKU MALAYIL JOSE

(57) Abstract :
This disclosure relates generally to smart home networks and more particularly to methods and systems for evolving an adaptive smart home network. In one embodiment, a method for evolving a smart home network comprising a plurality of devices is disclosed. The method incudes detecting a change in at least one property associated with the smart home network. The method further includes determining a current network topology for the plurality of devices in response to detecting the change. The current network topology includes weighted information related to the at least one property. Thereafter, the method includes identifying a subset of devices from within the plurality of devices based on the current network topology to offset the change in the at least one property. The subset of devices is adapted to respond to an event that the smart home network was configured to mitigate in absence of the change.

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2015

(21) Application No.1600/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PERSONALIZED IN-FLIGHT ENTERTAINMENT

(51) International classification :G06Q
(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

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2)TINKU MALAYIL JOSE

(57) Abstract :
This disclosure relates to systems and methods for personalized in-flight entertainment. In one embodiment, an in-flight content personalization method is disclosed. Flight information associated with an aircraft may be received at an airline server. One or more passengers related to the flight information may be identified, and content for synchronization to an in-flight entertainment server located on the aircraft for the one or more passengers may be determined. After determining that the airline server is operatively connectable to the in-flight entertainment server, the content may be synchronized. In another embodiment, an in-flight entertainment personalization method is disclosed. Content may be received at an in-flight entertainment server from an off-aircraft airline server via a network connection. A user request for personalized content may be received from a device located on an aircraft during flight. The personalized content for responding to the user request may be identified and provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2014

(21) Application No.5587/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INTELLIGENT BUOY TRACKING SYSTEM

(51) International classification :G01S
(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

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3)VALLUVAN Gowthaman
4)TATA Sudhakar
5)MALAYATH ARAVINDAKSHAN Atmanand

(57) Abstract :
A buoy with a drift tracking system meant to monitor the position of a moored floating ocean observation platform is provided. The drift tracking system comprises a first trans-receiver adapted to acquire position co-ordinates of the buoy, a memory adapted to store information related to an initial position co-ordinates of the buoy, a comparator adapted to compare the initial position co-ordinates with a present position co-ordinates of the buoy and a first switch adapted to change an operating mode of the drift tracking system between a normal mode and a drift mode, wherein in the normal mode the first trans-receiver is adapted to acquire position co-ordinates of the buoy at a first rate and in the drift mode the first trans-receiver is adapted to acquire position co-ordinates of the buoy at a second rate.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.640/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPLICATION OF GEO-MEMBRANE IN RAINWATER HARVESTING STRUCTURES

(51) International classification :C02F
(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

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(57) Abstract :
Globally water supply and environment are in peril with increasing pressure from pollution, degradation and over exploitation. The fresh water reserves are gradually depleting due to poor water management practices. The situation is turning worse in India that is prone to vagaries of monsoons. The condition of fresh water crisis has been gradually unfolding in the country. Some parts are experiencing acute distress with drought while the others are looming under the pressure of floods. Hence an effort towards sustainability is the most crucial challenge of the present age. In Indian scenario, rain water harvesting is the urgent need for rural areas characterized by drinking water demand, aquifer recharge and bore well water quality. Hence there is need for point-source water management with rain water harvesting in the living spaces. Employing roof top runoff and surface runoff harvesting structures has proven to be effective over years. However these structures are becoming increasingly obsolete these days due to cost and maintenance constraints compounded with space requirement. There are also concerns about reuse of harvested water due to contamination. To ward off these misconceptions and to improve the safety of harvested rain water, a filter section is being employed in the rain water harvesting unit. However choosing of a sustainable, cost-effective, efficient filter has been challenging. The usage of Geo-membrane over Sand as a preliminary screening has been designed to address this need that is most essential. This offers a cost effective filtration, prevents clogging with a membrane suitable for small spaces with long life.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2015

(21) Application No.1616/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND DEVICE FOR REAL TIME PREDICTION OF TIMELY DELIVERY OF TELECOM SERVICE ORDERS

(51) International classification :G06Q
(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

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2)ABHAY TIKU
3)SHALABH SRIVASTAVA
4)AMIT AKSHAY KUMAR KALE

(57) Abstract :
The present disclosure relates to a method and a prediction device for predicting timely delivery of telecom service orders in real time. In one embodiment, the method receives order data of historical time period and processes the order data to derive one or more variables and add missing values in the order data. Based on the processed order data, one or more models are generated and a model having least model generation error rate is identified. Using the model thus identified, prediction of timely delivery of telecom services is predicted in real time using real time data. By way of identifying factors that influence the timely delivery in each stage helps to improve the probability of timely delivery by correcting the identified factors, thus improving customer experience and revenue realization to the telecom service providers

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2015

(21) Application No.1905/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A MODEL FOR DATA SECRECY USING HYBRID CRYPTOGRAPHIC TECHNIQUE

(51) International classification :H04L
(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

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(72)**Name of Inventor :**
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2)Dr B Vishnu Vardhan
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(57) Abstract :
The present invention relates to a hybrid cryptosystem using linear transformation and byte substitution to enhance the data security. The data secrecy protects the data from unauthorized access. The cryptographic mechanism provides confidentiality by encrypting data. The hybrid cryptographic symmetric key model is linear transformation based cryptosystem using sub key groups and byte substitution. This is secure and efficient as the key size is reduced from n x n to n. As the time complexity of the invention reduced from cubic to quadratic, throughput of the proposed invention is high.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2015

(21) Application No.1589/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPUTER IMPLEMENTED METHODS AND SYSTEM FOR DISTRIBUTION OF REVENUE GENERATED IN RESPONSE TO ACTIVITIES PERFORMED IN A SEARCH NETWORK

(51) International classification :G06Q
(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

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1)RASHMIT GUPTA
2)VISHAL GUPTA

(57) Abstract :
Exemplary embodiments of the present disclosure are directed towards a computer implemented methods and system for distribution of revenue generated in response to activities performed in a search network. The method includes identifying a revenue generated in response to a type of an activity involved in generating the revenue in a search network; and distributing the revenue generated among a plurality of stake holders of the search network based on a predetermined percentage driven criteria employed in the search network.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2014

(21) Application No.6228/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A KIT FOR A GAME BOARD AND PUZZLE

(51) International classification :A63F
(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

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(72)**Name of Inventor :**
1)Rajat Dhariwal
2)Bishwajeet Halder

(57) Abstract :
This invention relates to a kit for a game board and puzzle comprising a plurality of puzzle bits, a flat frame means with a storage option and the puzzle bits being punched from the rear side, thereby displaying printed side puzzle bits with zero deflection to the user and the puzzle bits have specific protrusions for rolling an semi finished or unfinished or finished board / frame into a cylinder for storage.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2015

(21) Application No.1716/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD OF IMPROVED LAWFUL INTERCEPTION OF SEAMLESS DATA SESSION CONTINUITY ACROSS HETEROGENEOUS NETWORKS

(51) International classification :H04W
(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

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1)SWAMINATHAN SEETHARAMAN
2)VENKATA SUBRAMANIAN JAYARAMAN

(57) Abstract :
A method and system for providing lawful interception continuity across heterogeneous communication networks for an ongoing data session is disclosed , The method comprises: receiving one or more first data packets associated with an ongoing data session from a source communication network; detecting a handover of the ongoing data session from the source communication network to a destination communication network; receiving one or more second data packets associated with the ongoing data session from the destination communication network in response to detecting the handover of the ongoing session; maintaining continuity and sequence of the first data packets and the second data packets associated with the ongoing data session; and delivering the first data packets and the second data packets associated with the ongoing data session as the lawful interception data to a law enforcement agency.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/03/2015

(21) Application No.993/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WEB BROWSER FOR PROVIDING CUSTOMIZED INTERFACE FOR WEB INTERACTIONS

(51) International classification :G06F
(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

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1)VIVEKANANDAMOORTHY Vimal Kumar
2)VISWANATHAN Ramanathan Radhakrishnan

(57) Abstract :
A web browser (100) is provided. The web browser (100) may be configured to store instructions for each web-page for which customized interface is desired to be provided, and display customized interface based on the instruction specific to a web-page displayed by the web browser (100).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2015

(21) Application No.1602/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REDUCING FUNCTIONAL AMBIGUITY IN VISUAL CONTENTS

(51) International classification :G06F
(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

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1)MANJUNATHA MURTHY
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3)ASWATH FAZIL KHAN SABUDEEN

(57) Abstract :
The present disclosure relates to a method and a system for reducing functional ambiguity from an image. In one embodiment, an input image is received and processed to identify objects. Spatial proximity score of the identified objects are determined based on which functional proximity score of functionalities associated with the identified objects is further determined. Upon determining the functional proximity score, possible domain of all the functionalities associated with the identified objects is determined. Further, a domain score is determined based on which the ambiguity of the domain related to the input image is reduced. A text summary of objects, functionalities and possible domains associated with the input image is then generated upon mapping with one or more user profiles and displayed to end user.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2015

(21) Application No.1603/CHE/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMICALLY TRIGGERING A DEVICE WITHIN A CLOSED SPACE

(51) International classification :H04W
(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

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1)RAGHAVENDRA HOSABETTU
2)PARTHASARATHY ARMUGASAMY

(57) Abstract :
This disclosure relates generally to digital devices, and more particularly to system and method for dynamically triggering a digital device within a closed space based on its position. In one embodiment, a method is provided for dynamically triggering the device within the closed space. The method comprises accessing information related to the closed space and multiple sensor parameters, compartmentalizing the closed space into one or more compartments based on the information, determining a position of the device with respect to the one or more compartments based on the sensor parameters, and triggering the device based on the position of the device.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2015

(21) Application No.684/KOLNP/2015 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CHANNELIZATION METHOD IN WHITESPACE BAND AND APPARATUS FOR THE SAME

(51) International classification :H04N21/63,H04N21/23,H04N21/43
(31) Priority Document No :61/682,323
(32) Priority Date :13/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/007234
Filing Date :12/08/2013
(87) International Publication No :WO 2014/027808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PARK, Giwon
5)SEOK, Yongho
6)CHUN, Jinyoung
7)CHOI, Jinsoo

(57) Abstract :
A wireless communication system is disclosed. Specifically a channelization method in a whitespace band and an apparatus for the same are disclosed. A method for providing whitespace operation information includes transmitting by a first station (STA) to a second STA a frame including a TV whitespace high throughput (TVHT) operation information field. The TVHT operation information field includes primary channel number channel width channel center frequency segment 0 and channel center frequency segment 1 subfields. A channel center frequency of frequency segment 0 or frequency segment 1 is determined based on a channel start frequency. The channel start frequency is determined as a function of a TV channel index corresponding to the frequency segment 0 or a TV channel index corresponding to the frequency segment 1.

No. of Pages : 55 No. of Claims : 15

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.1152/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 24/04/2015

(54) Title of the invention : SEMANTIC INTEGRATION AND CATALOGUING OF BIOLOGICAL EXPERIMENTAL DATA

(51) International classification	:G06F	
(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	

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3)GARG, Priyanka

4)GOUR, Pratibha

5)JOSEPH, Shaji V

6)TYAGI, Akhilesh Kumar

(57) Abstract :

Systems and methods for semantic integration and cataloguing of biological experimental data are described. According to one embodiment, the method comprises obtaining, by a bioinformatics system, unstructured experimental data related to a biological experiment from a data source, and transforming the unstructured experimental data to structured experimental data. The transformation is based on at least one of an expression profiling technique, a trait analysis technique and a macromolecule interaction technique. Based on the transformation, at least one data set containing the structured experimental data is created in a relational database.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3077/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HELIX SAFE-METHOD AND SELF POWERED SYSTEM FOR MONITORING AND PROVIDING MEDICINAL INTERVENTION TO ROAD ACCIDENT VICTIMS IN VEHICLES.

(51) International classification :A61K
(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

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(72)**Name of Inventor :**
1)AKSHAT PRAKASH S/O AVNEESH PRAKASH

(57) Abstract :
A medical system for monitoring , capturing and analyzing at least one physical parameter value of a user and injecting a medicine for temporary medical relief and a method thereof, comprising a band , for measuring and capturing at least one physical parameter value, a mechanism for analysing such data for breach of normal conditions, a means of communicating such data to a processing unit and also equipped with an injector to administer temporary medical relief if a potentially fatal condition occurs, a processing unit for receiving said physical parameter value fiom the band to analyse the data and detect occurrence of a fatal condition, and a positioning means configured to determine the current position of the vehicle to generate a distress signal, a remote server capable of utilizing the distress signal for sending medical relief personnel to the said location of the user; the said band and processing unit being completely energy autonomous, generating and storing energy to power their respective constituents through the use of thermocouple and piezoelectricity.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3078/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BORON DOPED MANGANESE ANTIMONIDE AS A USEFUL PERMANENT MAGNET MATERIAL

(51) International classification :H01f
(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

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3)GUPTA ANURAG
4)ANAND KANIKA
5)DHAR AJAY
6)BUDHANI RAMESH CHANDRA

(57) Abstract :
Permanent magnets are used for several important applications, including dc electrical motors, wind turbines, hybrid automobile, and for many other applications. Modern widely used rare-earth based permanent magnet materials, such as Sm-Co and Nd-Fe-B, are generally intermetallic alloys made from rare earth elements and transition metals such as cobalt. However, the high costs of rare earth elements make the widespread use of these permanent magnets commercially unattractive. The present work focuses on producing a new permanent magnet material, with good magnetic properties, which is free from rare-earth elements and thus cost-effective. The present invention provides a process to synthesis boron doped manganese antimonide as an alternative to rare earth based permanent magnet materials. The boron doped manganese antimonide disclosed in this invention is free from rare-earth element with good magnetic properties. The material in the present study has been synthesized employing sequential combination of high energy ball milling, arc melting under argon atmosphere and again high energy ball milling followed by annealing. The annealed boron doped manganese antimonide shows improved magnetic properties as compared to manganese antimonide.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3079/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A FACILE SYNTHESIS OF SEAWEED POLYSACCHARIDES BASED HYDROPHOBIC BIOCOMPATIBLE CROSSLINEKED COMPOSITE POROUS MATERIALS FOR ENERGY-EFFICIENT SEPARATION

(51) International classification :A61L
(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

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2)NARESH DHARMASHIBHAI SANANDIYA
3)JAI PRAKASH CHAUDHARY
4)DIBYENDU MONDAL

(57) Abstract :
The present invention relates to a superhydrophilic biodegradable cross linked foam lnembrane and a process for preparation of said foam membrane from a seaweed polysaccharides by blending \vith amino biopolymersl amino acids1 proteins/aniino conpounds followed by crosslinking with a naturally occumng cross linker, genipin. The foam membrane can be used as a substitute for synthetic membrane for varied applications including membrane separation for oil-water emulsions, oil-water nlixtures and otlier aqueousorganic mixtures under ambient conditions. These foam membranes can be recycled and reused more than three times without considerable decrease in flux rate and stability. The separation methodology of the mixtures using the foanl membrane of the present invention is gravity-driven and therefore, simple and energy-efficient.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.3107/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FORMULATION AND EVALUATION OF ITRACONAZOLE LOADED NIOSOMAL GEL FOR THE TREATMENT OF ONYCHOMYCOSIS

(51) International classification :A61K
(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

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2)DR AMIT GOYAL
3)DR. RAJ KUMAR NARANG

(57) Abstract :
The aim of the present investigation was to develop niosomal gel of itraconazole for the treatment of onychomycosis and to evaluate niosomal gel as a vehicle for dermal drug delivery.Itraconazole is a therapeutically important triazole-derivedantifungal agent that has been widely used in treatment of Onychomycosis which is the fungal infection of the toenails and fingernails. The nail plate may be abarrier that prevents effective topical treatment of ungual disorders. In this study, ITZ loaded niosome formulations and also gel forms of these formulations were prepared. The formulationswere characterized by drug entrapment efficiency, vesicle size and then optimized formulations were evaluated byin vitrodrug release. The in vitro skin permeation and nail permeation studies were also performed to examine the effect of formulations and experimental conditions on skin and nail surface. As a result, niosomes formulations of span40 and span 60 molar ratio of 7:3 can serve as efficient formulations for ungual application of ITZ. In conclusion , the results of the nail permeation studiessuggested that the optimized span40 niosomal gel formulationbetter permeation through the nail plate than the optimized span 60 formulation and hence can be an effective delivery system for the treatment of onychomycosis

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013
(21) Application No.3108/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PREPARATION, EVALUATION AND CHARACTERIZATION OF A FORMULATION FOR ITS PHOTOPROTECTIVE AND RADIO DECONTAMINATION ACTIVITY

(51) International classification :A61K
(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

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2)SUDHA RANA
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4)ARTI THAKKAR
5)RAKESH KUMAR SHARMA
6)R.S.R MURTHY

(57) Abstract :
In humans, skin is the largest organ of the integumentary system covering the entire body. It is made up of multiple layers of ectodermal tissue. It guards the underlying muscles, bones, ligaments and internal organs in addition to serving as a protective shield against heat, light, injury, infection etc. Skin also regulates body temperature, stores water and fat and prevents loss of water and entry of bacteria. However, the integrity of skin is adversely affected on exposure to ultraviolet radiations. This invention relates to the Preparation, Evaluation and Characterization of a formulation for its Photoprotective and Radio decontamination activity. The present work aims at formulating a suitable topicalsemi-solid formulation of rosmarinic acid for effective photo-protection as well as radio-decontamination purposes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.3109/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FORMULATION AND CHARACTERIZATION OF NIOSOMAL VESICLES LOADED WITH ANTIVIRAL DRUG FOR BIOAVAILABILITY ENHANCEMENT

(51) International classification :A61K
(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

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(72)**Name of Inventor :**
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2)VIPIN SAINI
3)SUMAN BALA

(57) Abstract :
Niosomes are the non-ionic surfactant vesicles. Tenofovir disoproxil fumarate (TDF), an antiviral drug loaded niosomes which formulated by conventional thin film hydration technique with different molar ratios of surfactant: cholesterol (CHOL): dicetyl phosphate (DCP) as 2.5:1:0.1, 2:1:0.1, 1.5:1:0.1, 1:1:0.1 and 1:1.5:0.1; with two grades of different non-ionic surfactants i.e., sorbitan monostearate (span 60) and polyoxyethylene sorbitan monostearate (tween 60). The surfactants were selected on the bases of their HLB values. Sorbitan monostearate is of lipophilic nature with HLB value of 4.7 and polyoxyethylene sorbitan monostearate is of hydrophilic nature with HLB value of 14.9. The formulated niosomes were characterized for different parameters such as particle size analysis, zeta potential, entrapment efficiency, in vitro release and in vivo studies. Niosomal vesicles formulated with both the surfactants were found spherical in shape, ranging 5.70 μm to 8.55 μm in size. Zeta potential of the vesicles was found in range of -22 to -61. Vesicles with 1:1:0.1 ratios of surfactant: cholesterol: dicetyl phosphate; with both grades of surfactants were found to have higher entrapment efficiencies, which were further selected for in vitro release studies. Vesicles formulated with sorbitan monostearate were found to have maximum drug release (99.091%) at the end of 24 hours and also followed zero order release kinetics. The results of in vivo studies of the selected batch revealed that the niosomal vesicles significantly enhanced the oral bioavailability of TDF in rats after a dose of 95 mg/kg. The average relative bioavailability of niosomal vesicles in relation with plane drug solution was found to be 2.58, indicates more than two fold increase in oral bioavailability of TDF. Mean residential time (MRT) was also found to be significantly increased reflects release retarding efficacy of the vesicles. In conclusion niosomal vesicles could be promising delivery for TDF with improved oral bioavailability and prolonged release profiles.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3118/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :21/10/2013
(43) Publication Date : 24/04/2015

(54) Title of the invention : MY BAGGY (SUITCASE)

(51) International classification :A45c
(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

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(72)**Name of Inventor :**
1)MANOJ KUMAR SHARMA

(57) Abstract :
The device has been designed for making journey comfortable. In present market we have suitcases with wheels and handles. Wheels allow a suitcase to roll smoothly on a plane surface. A handle helps to have grip on it but still you have to pull it. When a suitcase is heavy and bulky it becomes very irritable and inconvenient to carry and pull. Sometimes you have to carry more than one suitcase which results in discomfort. By using this device a traveler can handle more than one suitcase at a time that too hassle-free and with putting no extra efforts. This will not only add to travelers comfortzone but will also make once journey enjoyable.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7093/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR CONTROLLING A TEMPERATURE IN AN ISOMERIZATION ZONE

(51) International classification :B01J19/00,C07C5/22,C07C7/148
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/031138
Filing Date :29/03/2012
(87) International Publication No :WO 2013/147787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHECTERLE David J.

(57) Abstract :
One exemplary embodiment can be a process for controlling a temperature in an isomerization zone. The process can include passing respective feeds through a first a second and a third isomerization reactors. Usually a portion of an effluent from the first and second isomerization reactors is passed through respective exchangers to control the temperature in downstream reactors.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014
(21) Application No.7094/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR PROCESSING RENEWABLE FEEDSTOCKS

(51) International classification :C10G3/00,C07C1/213
(31) Priority Document No :13/436451
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/034078
Filing Date :27/03/2013
(87) International Publication No :WO 2013/148818
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)EIZENGA Donald A.
2)ELLIG Daniel L.

(57) Abstract :
Methods and apparatuses for processing a renewable feedstock are provided herein. In an embodiment a method for processing a renewable feedstock includes deoxygenating a stream of the renewable feedstock at a first pressure to form a stream of paraffins. The pressure of the stream of paraffins is reduced to a second pressure which is at least 345 kPa less than the first pressure. Further normal paraffins in the stream of paraffins are converted to form a stream of converted paraffins.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7095/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MTO REGENERATOR MULTI PASS GRIDS

(51) International classification :B01J8/44,B01J38/00,B01J38/12
(31) Priority Document No :61/614580
(32) Priority Date :23/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029253
Filing Date :06/03/2013
(87) International Publication No :WO 2013/142048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JOHNSON II Richard A.
2)PALMAS Paolo

(57) Abstract :
A process and device for the regeneration of catalyst is presented. The device includes a series of grids within a regeneration vessel where each grid includes small openings for the passage of gas and larger openings for the passage of catalyst. The grids span horizontally across the vessel and are spaced vertically apart to create a flow of catalyst down through the regenerator.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7096/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF MAKING A MULTILAYERED ARTICLE

(51) International classification :B30B11/02,B29C43/14,F42B1/00
(31) Priority Document No :12156979.2
(32) Priority Date :24/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/053467
Filing Date :21/02/2013
(87) International Publication No :WO 2013/124360
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MANCINI Roberto

(57) Abstract :
A method of making a multilayer article comprises: providing a mould (2) defining a first mould cavity (4) wherein the mould (2) comprises a removable element (6) within the first mould cavity (4); placing a first particulate component (8) in the first mould cavity (4); compressing the first particulate component (8) along a first axis in a first compression step to form a first layer (12) of the multilayer article by applying a first compression force to the first particulate component;removing the removable element (6) from the first mould cavity (4) after formation of the first layer (12); placing one or more additional particulate components (20 32) in the mould (2) wherein a portion of the one or more additional particulate components occupies a space formerly occupied by the removable element (6); compressing the one or more additional particulate components (20 32) along the first axis in one or more additional compression steps after removal of the removable element (6) to form one or more additional layers (24 38) of the multilayer article wherein the first layer (12) meets one of the one or more additional layers (24 38) along a first interface substantially parallel to the first axis and the first layer (12) meets one of the one or more additional layers (24 38) along a second interface substantially perpendicular to the first axis; and removing the multilayer article from the mould (2). The one or more additional compression steps comprise applying a compression force greater to the one or more additional particulate components (20 32) prior to removing the multilayer article from the mould (2) that is greater than the first compression force applied to the first particulate component (8) to form the first layer (12).

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7089/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SCREW COOLING FOR A FLUID FLOW MACHINE

(51) International classification :F01D25/24
(31) Priority Document No :12161469.7
(32) Priority Date :27/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055506
Filing Date :18/03/2013
(87) International Publication No :WO 2013/143894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JENIKEJEW Eduard
2)KOSTENKO Yevgen

(57) Abstract :
The invention relates to a fluid flow machine comprising a housing composed of a housing upper part (1) and a housing lower part (2) wherein the housing upper part (1) is connected to the housing lower part (2) via a pin screw (3) and has a cooling duct (4) which is connected on the one hand to the flow duct (13) with a vapour at a relative high pressure and on the other hand to a cooling duct outlet (6) which is connected to the exhaust steam space.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7090/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : STEAM TURBINE SYSTEM AND METHOD FOR STARTING UP A STEAM TURBINE

(51) International classification :F01D19/00,F02C7/24,F01K7/24
(31) Priority Document No :12161657.7
(32) Priority Date :28/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056546
Filing Date :27/03/2013
(87) International Publication No :WO 2013/144217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)P–TTER Rudolf

(57) Abstract :
The invention relates to a steam turbine system (21 41) comprising a steam turbine (1 21) having the following features: the steam turbine has an incoming steam side (6 26) an outgoing steam side (12 32) and a turbine housing; the turbine housing has a feed through for a turbine shaft wherein a seal (15 15 35 35) is present in the feed through by means of which seal a fluid flow through the feed through can be minimized; a steam conducting system to the seal (15 15 35 35) is present; the steam turbine (1 21) is constructed of at least one first sub section (2 22) and at least one second sub section (3 23) and a connecting line (10 30) to a region of low pressure in particular to a condenser is present between two sub sections (2 3 22 23); for the feed through facing the outgoing steam side (12 32) of the steam turbine (1 21) the steam conducting system (16 17 18 19 39 40) is designed in such a way that a steam supply to the steam turbine (1 21) through the steam conducting system (16 17 18 19 39 40) is possible for starting up the steam turbine (1 21) such that a steam flow from the outgoing steam side (12 32) to the connecting line (10 30) to the region of low pressure is possible for starting up the steam turbine (1 21); an incoming steam feed line (4 24) has a shut off (5 25) that can be controlled in such a way that a steam flow from the incoming steam side (6 26) to the connecting line (10 30) to the region of low pressure is possible for starting up the steam turbine (1 21).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7091/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SODIUM HYDROXYSAFFLOR YELLOW A AND PRODUCTION METHOD AND PHARMACEUTICAL USE THEREOF

(51) International classification :C07H7/04,C07H1/08,A61K31/351
(31) Priority Document No :201310048476.8
(32) Priority Date :07/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/000686
Filing Date :08/06/2013
(87) International Publication No :WO 2014/121424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YE Fengqi
2)CAI Ben
3)LU Min
4)CHEN Yongling

(57) Abstract :
Provided are a sodium hydroxysafflor yellow A compound of formula I and the production method and pharmaceutical use thereof. Sodium hydroxysafflor yellow A having a purity above 98.5% is obtained through extraction transferring to a sodium salt separation and purification using a natural herb safflower as raw material. Sodium hydroxysafflor yellow A is safer more effective and more stable than hydroxysafflor yellow A when being applied to the treatment of blood circulation disorders such as preventing platelet aggregation coronary heart disease angina and acute cerebral ischemia and has good water solubility and tolerance to the human body.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7092/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVEMENTS RELATING TO VALVES.

(51) International classification :F16K1/22,F16K27/02
(31) Priority Document No :1203559.8
(32) Priority Date :29/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050500
Filing Date :28/02/2013
(87) International Publication No :WO 2013/128195
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BARTON Richard Athol

(57) Abstract :
A spilt valve assembly (10) comprising two valve portions 12 14) complementarily shaped such that the first can sealingly engage with and co operate with the second to allow the movement of material therethrough each valve portion (12 14) comprising a housing (16 18) a valve seat and a valve closure member (20 20) wherein the assembly has a first configuration in which the first and second valve portions engage with one another the valve closure members being closed and a second configuration in which the two valve portions are disengaged from one another the first valve portion having locking means (60) moveable relative to the second valve portion to selectively lock and unlock the two valve portions together said locking means received by the second valve portion which comprises a shim.

No. of Pages : 33 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3088/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INTRAVENOUS (IV) CATHETER APPARATUS

(51) International classification :A61M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RISHI BAID

(57) Abstract :
An intravenous (IV) catheter apparatus comprising: a tubular catheter (10) having a proximal end (50) and a distal end (16) mounted to a catheter hub (40); a needle (12) defining an axial direction (A) having a needle shaft (22) with a needle tip (14) at a distal end (16) and a needle hub mounted to the proximal end (50) of the needle shaft (22); a needle guard (30) arranged movably on the needle shaft (22), wherein said needle shaft (22) extends through said tubular catheter (10) such that said needle tip (14) of said needle (12) protrudes from said distal end (16) of said tubular catheter (10); and wherein said needle shaft (22) is provided with: an engagement means (26) adapted to engage with the said needle guard (30) in order to prevent said needle guard (30) from sliding off said needle tip (14); and one or more lateral openings (28) covered by said tubular catheter (10).

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7123/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PARISON FOR FORMING BLOW MOLDED MEDICAL BALLOON WITH MIDIFIED PORTION MEDICAL BALLOON AND RELATED METHODS

(51) International classification :A61M25/10
(31) Priority Document No :2008445
(32) Priority Date :09/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/US2013/029974
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FILLMORE Paul
2)RONAN Allan
3)RYAN Eoin
4)SCHAFFER Andrew

(57) Abstract :
A parison for being blow molded into a medical balloon for a catheter includes a first tubular layer having a functional modification and a second tubular layer adapted for bonding with the first tubular layer to form the blow molded balloon. Related methods are also disclosed.

No. of Pages : 42 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7124/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON INCLUDING RADIOPAQUE INSERT FOR PRECISELY IDENTIFYING A WORKING SURFACE LOCATION

(51) International classification :A61M25/10
(31) Priority Document No :61/608902
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029971
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CRALL Angela Susan
3)JENSEN Angela Kay
4)SCHAFFER Andrew
5)WALL Sean

(57) Abstract :
A balloon catheter adapted for use with a guidewire includes an elongated tubular shaft extending in a longitudinal direction said shaft having a proximal end and a distal end. An inflatable balloon is supported along the distal end of the shaft the balloon when inflated including first and second spaced ends and a working surface between the ends. An insert located within the interior compartment of the balloon includes at least a radiopaque portion separate from the shaft. Related methods are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7125/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON INCLUDING VARIABLE RADIOPAQUE QUALITIES FOR PRECISELY IDENTIFYING A WORKING SURFACE LOCATION

(51) International classification :A61M25/10
(31) Priority Document No :2008442
(32) Priority Date :09/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2013/054748
Filing Date :08/03/2013
(87) International Publication No :WO 2013/132070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RYAN Eoin

(57) Abstract :
An inflatable balloon for use in connection with a catheter comprises an inflatable body including a working surface extending in a longitudinal direction between a first end and a second end the body having at least one radiopaque identifier provided along the body for identifying at least a first end of the working surface the radiopaque identifier having a first radiographic quality for identifying the location of the first end of the working surface and a second radiographic quality at a location other than at the first end of the working surface.

No. of Pages : 63 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7126/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON WITH A PRECISELY IDENTIFIABLE PORTION

(51) International classification :A61M25/10
(31) Priority Document No :2008461
(32) Priority Date :09/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/US2013/030003
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134708
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHAFFER Andrew

(57) Abstract :
A balloon catheter includes an elongated tubular shaft extending in a longitudinal direction said shaft having a proximal end and a distal end. A balloon having an inflation compartment is formed a balloon wall including a working surface and further includes at least one chamber adjacent to the working surface adapted for receiving an identifier for identifying the location of the working surface. Related aspects are also disclosed.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7101/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METAL NITRIDE MATERIAL FOR THERMISTOR METHOD FOR PRODUCING SAME AND FILM THERMISTOR SENSOR

(51) International classification :H01C7/04,H01C7/00
(31) Priority Document No :2012041967
(32) Priority Date :28/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055601
Filing Date :21/02/2013
(87) International Publication No :WO 2013/129638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)FUJIWARA Kazutaka
5)NAGATOMO Noriaki

(57) Abstract :
PROVIDED ARE: A METAL NITRIDE MATERIAL THAT IS FOR A THERMISTOR AND THAT HAS HIGH RELIABILITY AND HIGH HEAT RESISTANCE AND CAN BE DIRECTLY FORMED WITHOUT FIRING INTO A FILM OR THE LIKE; A METHOD FOR PRODUCING THE METAL NITRIDE MATERIAL FOR A THERMISTOR; AND A FILM THERMISTOR SENSOR. THE METAL NITRIDE MATERIAL USED IN A THERMISTOR COMPRISES A METAL NITRIDE REPRESENTED BY THE GENERAL FORMULA TIAL(NO) (WHERE 0.70 = Y/(X+Y) = 0.95 0.45 = Z = 0.55 0 < W = 0.35 AND X+Y+Z = 1) AND THE CRYSTAL STRUCTURE THEREOF IS A SINGLE PHASE OF HEXAGONAL WURTZITE.

No. of Pages : 45 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7102/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METAL NITRIDE MATERIAL FOR THERMISTOR METHOD FOR PRODUCING SAME AND FILM THERMISTOR SENSOR

(51) International classification :H01C7/04,H01C7/00
(31) Priority Document No :2012041966
(32) Priority Date :28/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055769
Filing Date :26/02/2013
(87) International Publication No :WO 2013/129680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)INABA Hitoshi
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5)NAGATOMO Noriaki

(57) Abstract :
PROVIDED ARE: A METAL NITRIDE MATERIAL THAT IS FOR A THERMISTOR AND THAT HAS HIGH RELIABILITY AND HIGH HEAT RESISTANCE AND CAN BE DIRECTLY FORMED WITHOUT FIRING INTO A FILM OR THE LIKE; A METHOD FOR PRODUCING THE METAL NITRIDE MATERIAL FOR A THERMISTOR; AND A FILM THERMISTOR SENSOR. THE METAL NITRIDE MATERIAL USED IN A THERMISTOR COMPRISES A METAL NITRIDE REPRESENTED BY THE GENERAL FORMULA TIALN (WHERE 0.70 = Y/(X+Y) = 0.95 0.4 = Z = 0.5 AND X+Y+Z = 1) THE CRYSTAL STRUCTURE THEREOF BEING A SINGLE PHASE OF HEXAGONAL WURTZITE.

No. of Pages : 44 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7103/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PRODUCTION OF BETA PHELLANDRENE USING GENETICALLY ENGINEERED CYANOBACTERIA

(51) International classification :C12N1/21,C12N15/52,C12P5/00
(31) Priority Document No :61/595610
(32) Priority Date :06/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/024908
Filing Date :06/02/2013
(87) International Publication No :WO 2013/119644
(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 provides methods and compositions for producing phellandrene hydrocarbons from cyanobacteria.

No. of Pages : 79 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7104/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DRAIN STRAINER

(51) International classification :E03C1/23,A47K1/14
(31) Priority Document No :61/590263
(32) Priority Date :24/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/022289
Filing Date :18/01/2013
(87) International Publication No :WO 2013/112385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ALI Naushad

(57) Abstract :
A stopper assembly for a drain system of a fluid basin is provided. The stopper head assembly includes a stopper head having a seal to sealingly engage the drain system of the fluid basin when the stopper assembly is moved from a drain position to a plug position and a strainer to strain fluid passing through the drain system when the stopper head is in a drain position. The stopper head assembly further includes a stopper body operably coupleable to a control element to move the assembly between the drain position and the plug position. The stopper body may be detachably coupled to the stopper head and/or the strainer to enable selective removal of the stopper head and the strainer from the stopper body when the stopper body is installed for use and coupled to the control element. Related methods systems and components are also provided.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7105/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYMORPHIC FORMS OF (*S*) 2 (1 (9H PURIN 6 YLAMINO)PROPYL) 5 FLUORO 3 PHENYLQUINAZOLIN 4(*3H*) ONE

(51) International classification :C07D473/34,C07D403/12,A61K31/52
(31) Priority Document No :61/606870
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029157
Filing Date :05/03/2013
(87) International Publication No :WO 2013/134288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SHI Bing
4)SUJINO Keiko
5)TRAN Duong
6)WANG Fang
7)EVARTS Jerry B.

(57) Abstract :
POLYMORPHS OF (5) 2 (1 (9H PURIN 6 YLAMINO)PROPYL) 5 FLUORO 3 PHENYLQUINAZOLIN 4(3H) ONE COMPOSITIONS THEREOF METHODS FOR THEIR PREPARATION AND METHODS FOR THEIR USE ARE DISCLOSED.

No. of Pages : 76 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2014

(21) Application No.7106/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PURIFICATION OF 1 1 DISUBSTITUTED ETHYLENE COMPOUNDS

(51) International classification	:C07C17/38,C07C67/48,C07C253/34
(31) Priority Document No	:61/591882
(32) Priority Date	:28/01/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/023511 :28/01/2013
(87) International Publication No	:WO 2013/113034
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)MCCONVILLE Francis
2)REID John Gregory
3)VEDACHALAM Murugappa

(57) Abstract :
An improvement in the production of 1 1 disubstituted ethylenes is attained by contacting a 1 1 disubstituted ethylene with alumina and separating the alumina to obtain a 1 1 disubstituted ethylene with a good combination of cost purity shelf life and cure rate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014
(21) Application No.7110/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : UNIQUE IDENTIFICATION INFORMATION FROM MARKED FEATURES

(51) International classification :G06K9/18,G06K9/00
(31) Priority Document No :61/605369
(32) Priority Date :01/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028574
Filing Date :01/03/2013
(87) International Publication No :WO 2013/130946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SOBORSKI Michael L.

(57) Abstract :
Utilizing natural variations in marked features on an item as a way of establishing an identifier specific to that item storing the identifier separately from the item and subsequently accessing the identifier to validate the identity of the item.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7111/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR MAKING ABSORBENT COMPONENT

(51) International classification :D21C9/00,D21H11/16,D21H11/18
(31) Priority Document No :61/606533
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/022920
Filing Date :24/01/2013
(87) International Publication No :WO 2013/133913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YOUNG Christopher Michael
3)SMITH Timothy Duane
4)BARNHOLTZ Steven Lee
5)SAEVECKE Dirk
6)ISOLDI Gina
7)ROUSSELANGE Florian Phillip
8)STELZER Norbert

(57) Abstract :
A process for making an absorbent component comprising the steps of providing individual sheets of pulp; attaching a first individual pulp sheet to one or more second individual pulp sheets to form a strip of pulp; feeding the strip of pulp into a defiberizer; defiberizing the strip of pulp to form defiberized fibers; and depositing the defiberized fibers onto a forming surface to form the absorbent component.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7112/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR COUNTING AND PROCESSING PLIABLE OBJECTS

(51) International classification :G06T7/00
(31) Priority Document No :13/419111
(32) Priority Date :13/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030720
Filing Date :13/03/2013
(87) International Publication No :WO 2013/138423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAN DE VRANDE Christopher
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(57) Abstract :
Systems and methods for counting and processing pliable objects are disclosed. A vision system may capture an inspection image of a plurality of pliable objects. The inspection image may be partitioned into a plurality of windows traversing the inspection image. For each individual window of the plurality of windows a blob extraction process is performed to determine a plurality of blobs corresponding to regions within the inspection image having substantially the second luminance value range such that the plurality of blobs correspond to the plurality of pliable objects. The blobs are counted for each window to determine a total number of pliable objects in the plurality of pliable objects.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7113/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTROMAGNETIC STIRRING APPARATUS AND CONTINUOUS CASTING METHOD

(51) International classification :B22D11/115,B22D11/04
(31) Priority Document No :2012188933
(32) Priority Date :29/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/072861
Filing Date :27/08/2013
(87) International Publication No :WO 2014/034658
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The main purpose of the present invention is to provide an electromagnetic stirring apparatus such that uniform electromagnetic force can be supplied to each mold. In an electromagnetic stirring apparatus (5) according to the present invention two teeth portions (12) are disposed on cores (11) of a pair of electromagnetic coils (C1 C2) disposed across a mold (4) with inner windings (13) disposed on the outside of the teeth portions (12) and outer windings (14) disposed on the outside of the inner windings (13). The windings are supplied with currents A B and C with phase differences of 120º from a three phase alternating current power supply. The directions of the currents in order from one end of the direction of casting to the other are B +C C +A A +B for the coil (C1) and B +A A +C C +B for the coil (C2) when the distance (L) between the coils (C1 C2) is not less than 500 mm or B +C C +A A +B for the coil (C1) and +B A +A C +C B for the coil (C2) when the distance (L) is less than 500 mm. The mold disposed between the coils (C1 C2) satisfies n — f < W where n is the number of molds f is the outer size of each mold and W is the width of the electromagnetic coil.

No. of Pages : 32 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7114/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROTATABLE PLATFORM FOR CONDUCTING NUCLEIC ACID SEQUENCING

(51) International classification :C12Q1/68
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/AU2012/000089
Filing Date :03/02/2012
(87) International Publication No :WO 2013/113054
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CORBETT SNR John

(57) Abstract :
The present invention relates to methods and apparatus for conducting nucleic acid sequencing. The method comprises the steps of providing a platform having at least one well for containing at least one support surface and providing at least one support surface within each well wherein the support surface is adapted to immobilise a first binding partner or selectively immobilise a second binding partner. The method further comprises the steps of binding or immobilising the first or second binding partner to the support surface and dispensing into each well from a point external of said platform a reagent wherein after the dispensing step the platform is rotated sufficiently such that any residual or unreacted said reagent is substantially centrifugally removed from each well and/or each support surface wherein during rotation each support surface is held within each well. The invention also relates to kits and uses of the kits for conducting nucleic acid sequencing. In particular the invention has been developed primarily for use in sequencing nucleic acid by pyrosequencing however the invention is not limited to this field.

No. of Pages : 55 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.2403/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ERYTHROPOIETIN VARIANTS WITH INCREASED PROTEASE RESISTANCE.

(51) International classification :A61K
(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

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3)AGREWALA, JAVED NAIM
4)CHODISETTI, SATHI BABU

(57) Abstract :
The present invention relates to Erythropoietin (Epo) that exhibit in vivo stability greater than the corresponding wild type Epo. The present invention particularly relates to the Epo variants having increased protease resistance The present invention also relates to the identification of site(s) on the inter-helical regions of the Erythropoietin (rHuEpo) molecule that are susceptible to cathepsin-L protease cleavage, possibly in the lysosome of target organs and mutations therein. Importantly, we show significant effect of some of these mutations influencing in vivo half-life of mutant Epo proteins.

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7140/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WINDOW SHADE AND ITS CONTROL MODULE

(51) International classification :E06B9/307,E06B9/308
(31) Priority Document No :101106084
(32) Priority Date :23/02/2012
(33) Name of priority country :Taiwan
(86) International Application No :PCT/US2012/040105
Filing Date :31/05/2012
(87) International Publication No :WO 2013/126091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)YU Fu lai
2)HUANG Chin tien

(57) Abstract :
A window shade comprises a head rail a shading structure a bottom part suspension cords connected with cord winding units and a control module. The control module includes a drive axle assembled with the cord winding units a sleeve affixed with the drive axle an arrester assembled around the drive axle and a release unit. The arrester has a locking state in which the arrester blocks a rotational displacement of the sleeve and the drive axle to keep the bottom part at a desired position and an unlocking state in which rotation of the sleeve and the drive axle is allowed to lower the bottom part by gravity action. The release unit includes an actuator that is operatively connected with the arrester and has an elongated shape. The actuator can rotate about its lengthwise axis to turn the arrester from the locking to unlocking state.

No. of Pages : 72 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7141/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AIR SPINNING MACHINE WITH SEPARATE SPINNING AND PIECING NOZZLES

(51) International classification :D01H1/115
(31) Priority Document No :10 2012 101 039.0
(32) Priority Date :09/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/051987
Filing Date :01/02/2013
(87) International Publication No :WO 2013/117493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KBLER Markus

(57) Abstract :
The invention relates to an air spinning machine having a spinning station (3) wherein the spinning station (3) has a vortex chamber (4) with a yarn forming element in the shape of a spindle (7) having an inlet mouth (6) and spinning nozzles (9) aligned in the direction of an outer surface (8) of the spindle (7) through which spinning nozzles the air can be fed into the vortex chamber (4) in order to impart a rotation to the fibre composite (2) after a piecing process in the region of the inlet mouth (6) of the spindle (7) and wherein the spindle (7) has an extraction channel (10) adjacent to the inlet mouth (6) via which the yarn (1) can be extracted from the vortex chamber (4). According to the invention additional piecing nozzles (11) which are also aligned in the direction of the surface (8) of the spindle (7) are assigned to the vortex chamber (4) wherein the spinning station (3) has an air supply system (12) which helps to separately supply the spinning nozzles (9) and the piecing nozzles (11) with air. The invention further relates to a method for piecing a fibre composite (2) on an air spinning machine characterised in that the fibre composite (2) is moved with the help of an air flow generated by the piecing nozzles (11) into the extraction channel (10) during the piecing process and wherein a rotation is imparted in addition to the aforementioned movement to the fibre composite (2) about the longitudinal axis thereof with the help of the air flow.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7142/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PREPARING THE START UP OF AN INTERNAL COMBUSTION ENGINE BY MEANS OF A BELT DRIVEN STARTER GENERATOR

(51) International classification :F02N11/04
(31) Priority Document No :10 2012 203 374.2
(32) Priority Date :05/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/051291
Filing Date :24/01/2013
(87) International Publication No :WO 2013/131680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMIDT Matthias

(57) Abstract :
The invention relates to a method for preparing the start up of an internal combustion engine (300) by means of a belt driven starter generator (100) which has a stator winding (11) and a rotor winding (12) wherein the starter generator (100) is operated such that the generated torque thereof gradually increases over a duration of more than two rotor winding time constants. Current is fed to the stator winding (11) in such a manner that the generated torque gradually increases over a duration of more than two rotor winding time constants. Current is fed to the rotor winding (12) and if an excitation current through the rotor winding (12) is below a lower threshold before the current feed the stator winding (11) is fed with current before the excitation current is above an upper threshold. According to the invention the belt of the starter generator is pretensioned prior to the actual starting process by means of actuation of the electrical machine and thus lurches vibrations and noises that occur during the start up of the internal combustion engine by means of a starter generator can be prevented.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.3119/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A NOVEL MALE TONIC COMPOSITION

(51) International classification :A61K
(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

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(57) Abstract :
An herbal aphrodisiac composition for men which also act as tonic to treat other sexual dysfunction which comprises of Trigonellafoenum-graecum 100 mg to 1000 mg, Tribulus terrestris 50 mg to 500 mg, Chlorophytum bormlUanum 50 mg to 500 mg, Asphaltum punjabianum 50 mg to 250 mg.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.3120/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A NOVEL COMPOSITION FOR ARTHRITIS

(51) International classification :A61K
(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

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2)GURMUKH SINGH GHULDU

(57) Abstract :
This invention relates to preparation of food supplement comprising of herbal extract of Fenugreek, Turmeric, Ginger and Guggul for the treatment of arthritis and related symptoms. The said preparation comprises of Trigonella foenum-graecum, Curcuma longa. Zingiber officinale and Commiphora mukul.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7156/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CAPSULE CONTROLLED MOTORIZED BREWING UNIT

(51) International classification :A47J31/52,A47J31/36
(31) Priority Document No :12157379.4
(32) Priority Date :28/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/073324
Filing Date :22/11/2012
(87) International Publication No :WO 2013/127476
(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 :
A system is formed of an ingredient capsule (30) and a motorized beverage machine (1) that has a brewing unit (2). The unit comprises a first assembly (13) and a second assembly (14) cooperating together each assembly (13 14) delimiting part of a brewing chamber (29) for containing the capsule. At least one of these assemblies (14) is movable: away from the cooperating assembly (13) into an open position within such machine for forming between said assemblies a passage (31) for inserting into and/or removing from the brewing unit the ingredient capsule (30); and to the cooperating assembly into a closed position for forming the brewing chamber (29). The machine comprises activation means including: a motor (3) for driving the movable assembly between the open and closed positions and transmission means for transmitting the drive action of the motor to the movable assembly; water supply means for supplying heated water to brewing chamber; control means (10) for controlling the drive action of the motor comprising means for measuring at least one parameter (40 40 40a 41 41 41a) representative of the motor power consumption and for comparing the evolution of said measured parameter over time during the transfer of the assembly from the open to the closed position to a set reference (42 42) and means for providing an input to at least one of the activation means as a result of the compared evolution of the measured parameter to the set reference.

No. of Pages : 56 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014
(21) Application No.7157/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTRONICALLY ACTUATED LOCKING DIFFERENTIAL HAVING NON ROTATING STATOR AND ARMATURE

(51) International classification :F16H48/34
(31) Priority Document No :61/650620
(32) Priority Date :23/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039426
Filing Date :03/05/2013
(87) International Publication No :WO 2013/176866
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FOX Matthew George

(57) Abstract :
An electronically actuated locking differential for an automotive vehicle includes a gear case a pair of side gears disposed within the gear case and operatively adapted for rotation with a corresponding pair of axle half shafts and a lock plate disposed within the gear case and operably associated with one of the side gears and being movable axially relative to the one of the side gears. The electronically actuated locking differential also includes a return spring disposed within the gear case and cooperating with the lock plate to bias the lock plate axially away from one of the side gears and an electronic actuator cooperating with the lock plate the electronic actuator having a non rotating stator disposed about a portion of the gear case an electromagnetic coil associated with the stator and a non rotating armature coupled to the lock plate and being axially movable relative to the stator.

No. of Pages : 14 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2012

(21) Application No.1227/DEL/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BODY COVER STRUCTURE IN MOTORCYCLE

(51) International classification :B62J9/00
(31) Priority Document No :2011-101017
(32) Priority Date :28/04/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)JUNPEI OMORI

(57) Abstract :
In a motorcycle in which a riding seat is arranged above a rear frame at a rear part of a body frame, and the rear frame is covered by rear side covers arranged below the riding seat, and an underside cover provided adjacent to lower parts of the rear side covers from sides, strength and stiffness of the rear side covers are ensured while suppressing increase of raw materials and rise of manufacturing costs. [Solution] An underside cover 38 integrally has an underside cover main part 38a exposed externally below a rear side cover 37, and a backward extending part 38b extending backward from a rear part of the underside cover main part 38a, and facing a rear surface of at least a lower part of the rear side cover 37 from inside, and the backward extending part 38b is fastened to a lower edge part of the rear side cover 37.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7118/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BALLOON CATHETER WITH EXPANDABLE SHAFT

(51) International classification :A61M25/00,A61M25/10
(31) Priority Document No :2008460
(32) Priority Date :09/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/US2013/029995
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JENSEN Angela Kay
2)SCHAFFER Andrew

(57) Abstract :
A balloon catheter comprises a shaft extending in a longitudinal direction and adapted for expanding from a compressed condition to an expanded condition in the longitudinal direction the shaft supporting at least one radiopaque identifier and an inflatable balloon positioned along the shaft the balloon when inflated including a working surface for aligning with the radiopaque identifier in at least the expanded condition of the shaft. Related aspects are also disclosed.

No. of Pages : 40 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7119/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BALLOON CATHETER WITH FLOATING HUB

(51) International classification :A61M25/00,A61M25/10
(31) Priority Document No :61/608927
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029989
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BYRNE Pat
2)JENSEN Angela Kay
3)SCHAFFER Andrew

(57) Abstract :
A balloon catheter for use with a guidewire includes an elongated tubular shaft extending in a longitudinal direction said shaft having a proximal end and a distal end. An inflatable balloon is connected to the distal end of the shaft the balloon including a working surface. A radiopaque identifier is provided for identifying the working surface. A receiver adjacent the proximal end of the shaft is adapted for allowing the shaft to move relative to the receiver in at least the longitudinal direction.

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7120/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON WITH MULTI POSITION ACTUATOR FOR PRECISELY ARRANGING THE WORKING SURFACE

(51) International classification :A61M25/10
(31) Priority Document No :61/608917
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029987
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JENSEN Angela Kay
2)SCHAFFER Andrew
3)STAPLETON Corey E.

(57) Abstract :
A medical balloon may be provided with an actuator. In one embodiment a balloon catheter includes a shaft extending in a longitudinal direction said shaft having a proximal end and a distal end and supporting at least one radiopaque identifier. An inflatable balloon supported along the distal end of the shaft the balloon when inflated including a working surface. An actuator is provided for aligning at least one end of the working surface with the at least one radiopaque identifier. In another embodiment the actuator assists with preferential folding. Related methods are also disclosed.

No. of Pages : 45 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7121/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : STEEL MATERIAL COATING LAYER AND SURFACE PROCESSING METHOD FOR HEAT CONDUCTIVE PIPE

(51) International classification :C23C26/00,B05D7/14,B05D7/24
(31) Priority Document No :2012040715
(32) Priority Date :27/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/052881
Filing Date :07/02/2013
(87) International Publication No :WO 2013/129064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAKURAI Hideaki
2)KAGAWA Seiji
3)MIYACHI Tsuyoshi
4)OKAMOTO Takuya

(57) Abstract :
This steel material covering layer (10A) is characterized by having a surface layer (12) formed on the surface of a heat conductive pipe (11) and formed using a low surface energy material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7122/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CLOSURE FOR PACKAGING

(51) International classification :B65D43/16,B65D55/02,B65D77/04
(31) Priority Document No :102012003058.4
(32) Priority Date :17/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/000445
Filing Date :14/02/2013
(87) International Publication No :WO 2013/120617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland
(72)**Name of Inventor :**
1)SCHICK Werner

(57) Abstract :
The invention relates to a closure for an in particular cylindrical packaging (1) for foodstuffs having an insert (3) that comprises a preferably central outlet opening (6) and one part (5) of which is intended to be fastened to the packaging (1) and a cover (4) connected in an articulated manner thereto for sealing the top of the outlet opening (6) which cover is connected to the insert (3) by a tamper evident closure wherein the tamper evident closure has a tamper evident element (9) connected to the cover (4) or the insert (3) via at least one target break point (27) which element is arranged to the side of an in particular circumferential edge (12 13) of the closure in the covering situation and is thus arranged offset to the outlet opening (6) wherein the tamper evident element (9) has at least one stop (39 38) edge on each of opposite ends between which the tamper evident element (9) is held to a protrusion (10) of the cover (4) or the insert (3) after loosening the tamper evident closure. The invention further relates to a packaging for foodstuffs.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2012

(21) Application No.196/DELNP/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EXTENDED PAGE SIZE USING AGGREGATED SMALL PAGES

(51) International classification :G06F 9/26
(31) Priority Document No :12/496,335
(32) Priority Date :01/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040625
Filing Date :30/06/2010
(87) International Publication No :WO 2010/002900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADVANCED MICRO DEVICES, INC.
Address of Applicant :ONE AMD PLACE, P.O. BOX 3453, SUNNYVALE, CALIFORNIA 94088, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)HOHMUTH, MICHAEL, P.
2)DANNOWSKI, UWE, M.
3)BIEMUELLER, SEBASTIAN
4)CHRISTIE, DAVID, S.
5)DIESTELHORST, STEPHAN
6)FRIEBEL, THOMAS

(57) Abstract :
A processor including a virtual memory paging mechanism. The virtual memory paging mechanism enables an operating system operating on the processor to use pages of a first size and a second size, the second size being greater than the first size. The mechanism further enables the operating system to use superpages including two or more contiguous pages of the first size. The size of a superpage is less than the second size. The processor further includes a page table having a separate entry for each of the pages included in each superpage. The operating system accesses each superpage using a single virtual address. The mechanism interprets a single entry in a translation lookaside buffer TLB as referring to a region of memory comprising a set of pages that correspond to a superpage in response to detecting a superpage enable indicator associated with the entry in the TLB is asserted.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7130/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RESIN COMPOSITION FOR ROTOR FIXING ROTOR AND AUTOMOTIVE VEHICLE

(51) International classification :C08L63/00,C08G59/62,C08K3/00
(31) Priority Document No :2012045885
(32) Priority Date :01/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055487
Filing Date :28/02/2013
(87) International Publication No :WO 2013/129598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO BAKELITE CO. LTD.
Address of Applicant :5 8 Higashi Shinagawa 2 chome Shinagawa ku Tokyo 1400002 Japan
(72)**Name of Inventor :**
1)KITADA Tetsuya
2)MUTO Kohji

(57) Abstract :
This resin composition for rotor fixing comprises a thermosetting resin comprising an epoxy resin a hardener and an inorganic filler and comes to have an elongation (a) of 0.1 1.7% the elongation (a) being obtained by subjecting a test piece to a tensile test in accordance with JIS K7162 under the conditions of a temperature of 120ºC a testing load of 20 MPa and 100 hours. The test piece is a cured object obtained by heat curing the resin composition for rotor fixing at 175ºC for 4 hours and molding the composition into a dumbbell shape in accordance with JIS K7162.

No. of Pages : 87 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7131/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PLACENTAL BLOOD EXTRACTION DEVICE

(51) International classification :A61M1/02,A61B5/15
(31) Priority Document No :2012007019
(32) Priority Date :27/01/2012
(33) Name of priority country :Singapore
(86) International Application No :PCT/SG2013/000035
Filing Date :28/01/2013
(87) International Publication No :WO 2013/112106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SG MEDITECH PTE LTD
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(72)**Name of Inventor :**
1)TOH Tiong Han
2)WRIGHT Ron
3)TAN Gabriel
4)HO Saey Tuan Barnabas
5)LEAL Mari Krizia Ong

(57) Abstract :
A placental blood extraction device comprises a receptacle for receiving a placenta with umbilical cord the receptacle comprising a compartment arranged to receive the placenta; and a tube extending from the compartment for receiving the umbilical cord; wherein the receptacle is selectively removable from the device for receiving the placenta. The placental blood extraction device may comprise a pressure application device for applying pressure to a placenta the pressure application device comprising a plurality of pressing members for applying pressure on a plurality of regions of the placenta.

No. of Pages : 47 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7132/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TREATMENT OF CIRCADIAN RHYTHM DISORDERS

(51) International classification :A61K31/00
(31) Priority Document No :61/590974
(32) Priority Date :26/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/023315
Filing Date :25/01/2013
(87) International Publication No :WO 2013/112951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DRESSMAN Marlene Michelle
2)LICAMELE Louis William
3)POLYMEROPOULOS Mihael H.

(57) Abstract :
Embodiments of the invention relate to the use of a melatonin agonist in the treatment of free running circadian rhythms in patients including light perception impaired patients e.g. blind patients and to methods of measuring circadian rhythm.

No. of Pages : 107 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7133/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMMUNICATION DEVICE AND TRAFFIC CONTROL METHOD

(51) International classification	:H04W72/08,H04L12/801,H04L12/911
(31) Priority Document No	:2012035844
(32) Priority Date	:22/02/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/000758 :13/02/2013
(87) International Publication No	:WO 2013/125177
(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)NEC CORPORATION
Address of Applicant :7 1Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)NISHIOKA Jun

(57) Abstract :
[Problem] To provide a device and a method which in link aggregation for bundling a plurality of wireless links secure communication quality for high priority traffic in order to be capable of efficiently containing traffic. [Solution] The present invention bundles a plurality of wireless links among nodes in order to use the same and on the basis of the degrees of stability of bands for each modulation method in each wireless link and traffic patterns for each degree of priority of a path determines wireless links to be used by the traffic.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7150/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR ISOMERIZATION OF PARAFFINS

(51) International classification :C07C7/09,C07C9/16,C07C5/27
(31) Priority Document No :13/434703
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026027
Filing Date :14/02/2013
(87) International Publication No :WO 2013/148009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RICE Lynn H.

(57) Abstract :
Embodiments of methods and apparatuses for isomerization of paraffins are provided. In one example a method comprises the steps of separating an isomerization effluent into a product stream that comprises branched paraffins and a stabilizer vapor stream that comprises HC1 H and C hydrocarbons. C hydrocarbons are removed from the stabilizer overhead vapor stream to form a HC1 and H rich stream. An isomerization catalyst is activated using at least a portion of the HC1 and H rich stream to form a chloride promoted isomerization catalyst. A paraffin feed stream is contacted with the chloride promoted isomerization catalyst in the presence of hydrogen for isomerization of the paraffins.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7151/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR ISOMERIZATION OF PARAFFINS

(51) International classification :C07C5/13,C07C5/27,C07C9/16
(31) Priority Document No :13/434657
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026011
Filing Date :14/02/2013
(87) International Publication No :WO 2013/148008
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHECTERLE David J.

(57) Abstract :
Embodiments of methods and apparatuses for isomerization of paraffins are provided. In one example a method comprises the steps of separating an isomerization effluent into a product stream that comprises branched paraffins and a stabilizer overhead vapor stream that comprises HCl H and C hydrocarbons. C hydrocarbons are removed from at least a portion of the stabilizer overhead vapor stream to form a HCl and H rich stream. An isomerization catalyst is activated using at least a portion of the HCl and H rich stream to form a chloride promoted isomerization catalyst. A paraffin feed stream is contacted with the chloride promoted isomerization catalyst in the presence of hydrogen for isomerization of the paraffins.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7152/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VIRUS LIKE PARTICLES COMPRISING A MATRIX PROTEIN FROM A PLANT ENVELOPED VIRUS AND USES THEREOF

(51) International classification	:A61K39/145,C07K14/005,C12N7/00
(31) Priority Document No	:61/614141
(32) Priority Date	:22/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/032096 :15/03/2013
(87) International Publication No	:WO 2013/142329
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PROKHNEVSKY Alexei
2)YUSIBOV Vidadi

(57) Abstract :
The present invention relates to novel virus like particles (VLPs) comprising a matrix protein derived from a first plant enveloped virus and a surface polypeptide. The surface polypeptide comprises (a) a surface exposed portion derived from a target polypeptide (b) a transmembrane domain and (c) a cytosolic tail derived from a transmembrane (e.g. glycoprotein) of a second plant enveloped virus. The target polypeptide may be antigenic or therapeutic. The first and the second plant enveloped viruses may be the same. Either plant enveloped virus may be a plant rhabdovirus. Also provided are methods of making and using the VLPs.

No. of Pages : 42 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7153/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VOLUMETRIC ENERGY RECOVERY DEVICE AND SYSTEMS

(51) International classification :F01K7/36,F01K25/08,F02G5/00
(31) Priority Document No :61/604929
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028273
Filing Date :28/02/2013
(87) International Publication No:WO 2013/130774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EATON CORPORATION
Address of Applicant :1000 Eaton Boulevard Cleveland OH 44122 U.S.A.
(72)**Name of Inventor :**
1)EYBERGEN William Nicholas

(57) Abstract :
A volumetric expander (20) configured to transfer a working fluid and generate useful work includes a housing. The housing includes an inlet port (24) configured to admit relatively high pressure working fluid and an outlet port (26) configured to discharge to a relatively low pressure working fluid. The expander also includes first and second twisted meshed rotors (30 32) rotatably disposed in the housing and configured to expand the relatively high pressure working fluid into the relatively low pressure working fluid. Each rotor has a plurality of lobes and when one lobe of the first rotor is leading with respect to the inlet port one lobe of the second rotor is trailing with respect to the inlet port. The expander additionally includes an output shaft (38) rotated by the relatively high pressure working fluid as the fluid undergoes expansion. A system for generating work using the expander in a Rankine cycle is also disclosed.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/01/2012

(21) Application No.115/DEL/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BATTERY HOLDING DEVICE OF VEHICLE

(51) International classification :B62J9/00
(31) Priority Document No :2011-069898
(32) Priority Date :28/03/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKAO FUJIWARA
2)MORIO SHINKO

(57) Abstract :
To provide a structure that enables easily attaching/detaching a battery to/from a battery housing provided on the side of a vehicle in an attitude in which the battery is inclined. [Solution] A vehicular battery holding device has a structure that a battery 41 is inclinably attached outside a vehicle body in a direction of vehicle width. A battery holding face 402a for placing a battery tray 46 that houses the battery 41 is provided to an air cleaner case 40. Plural projections 467, 468 are formed on a face opposite to the battery holding face 402a of the battery tray 46 at intervals in a direction in which the battery tray 46 is taken in and out of a battery housing of the air cleaner case 40. The projection 467 arranged next to the outside in the direction of vehicle width out of the projections 467, 468 includes an inclined face 467a inclined inside in the direction of vehicle width from the top. A drain tube 57 is provided and the amount of the battery tray 46 taken in and out of the air cleaner case 40 is regulated thereby. [Selected Drawing] Fig. 13

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7161/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BEARING PROTECTION SYSTEM

(51) International classification :B60K17/24
(31) Priority Document No :13/404091
(32) Priority Date :24/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027047
Filing Date :21/02/2013
(87) International Publication No :WO 2013/126516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KETCHEL Bradley
2)KATKE Christopher
3)YUICHIRO Noro

(57) Abstract :
A constant velocity joint support bearing system having a bearing assembly supporting a first shaft connected to one member of the constant velocity joint. A first labyrinth seal on one axial side of the bearing assembly is formed by a shoulder that is unitary with the outer member of the constant velocity joint and by a radially inward projection on a bearing support bracket holding in place the outer race of the bearing assembly. A second labyrinth seal is formed between a cylindrical section of the bearing support bracket and an annular member that axially retains the bearing on the first shaft. Both the bearing support bracket and the annular member are formed from stamped sheet metal. The shoulder and the annular member are shaped to promote centrifugal slinging of contaminants away from the bearing assembly.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7162/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVED METHYLIDENE MALONATE PROCESS

(51) International classification	:C07C67/31,C07C69/73,C07C253/30
(31) Priority Document No	:61/591884
(32) Priority Date	:28/01/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/023512 :28/01/2013
(87) International Publication No	:WO 2013/113035
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)GONDI Vijaya Bhasker
2)REID John Gregory

(57) Abstract :
An improved process for the production of meihylidene malonates is attained by use of select sminium salt reactanis.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7163/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PORTABLE DEVICE WHERE THE ALIGNMENT OF THE DISPLAYED CONTENT WITH RESPECT TO THE ORIENTATION OF THE DISPLAY MAY BE OVERRULED BY MAKING A USER INPUT.

(51) International classification	:G06F3/048,G06F3/01
(31) Priority Document No	:13/400983
(32) Priority Date	:21/02/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2013/051386 :20/02/2013
(87) International Publication No	:WO 2013/124799
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)NURMI Mikko

(57) Abstract :
An apparatus comprising: at least one processor; and at least one memory including computer program code the at least one memory and the computer program code configured to with the at least one processor cause the apparatus to perform at least the following: in response to user input disassociate the linking of the orientation of content with respect to the orientation of a display of a portable electronic device to retain the particular orientation of the content with respect to the orientation of the display during the user input.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7164/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : THREE DIMENSIONAL LAMINATED WIRING SUBSTRATE

(51) International classification :H05K1/14,H05K1/02,H05K3/46
(31) Priority Document No :2012049413
(32) Priority Date :06/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/052182
Filing Date :31/01/2013
(87) International Publication No:WO 2013/132930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KIMURA Takeshi

(57) Abstract :
Provided is a three dimensional laminated wiring substrate which can be housed in a restricted space and enables highly reliable high density wiring. A three dimensional laminated wiring substrate (1) comprises a plurality of laminated three dimensional wiring substrates (11 12 13). Each of the three dimensional wiring substrates (11 12 13) has an insulating film (111) and a conductor pattern (112). The insulating film (111) is formed to constitute a three dimensional solid plane. The conductor pattern (112) extends on the three dimensional solid plane of the insulating film (111).

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3072/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR OBTAINING A TRANSPARENT, PROTECTIVE COATING ON BI-ASPHERIC/PLANOCONVEX LENSES MADE OF OPTICAL GRADE PLASTICS FOR USE IN INDIRECT OPHTHALMOSCOPY

(51) International classification :G02B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAGHAVAN SUBASRI
2)SOWNTHARYA LOGAPPERUMAL
3)KARUPPIAH MURUGAN

(57) Abstract :
The present invention relates to an improved process for obtaining a transparent, scratch resistant protective coating on bi-aspheric and planoconvex lenses made of optical grade transparent plastics such as polycarbonate (PC) and polymethylmethacrylate (PMMA). The process comprises synthesis of the coating composition having an appropriate viscosity followed by coating deposition of the composition on bi-aspheric or planoconvex lenses made of PC or PMMA by angle dependent dip coating or spin coating respectively. This method is useful for simultaneous coating deposition on both surfaces of bi-aspheric lenses by angle dependant dip coating using withdrawal speeds from 0.5 mmls till 3 mmls, to yield transparent, protective coatings on bi-aspheric lenses made of PC or PMMA. The coated PC or PMMA lenses are thermally treated either at about 130°C for 1 hr or at 80°C for 6 hr preceded by a ultraviolet radiation exposure in case of the latter substrate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7174/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COSMETIC PRODUCT OR SKIN REGENERATION PROMOTER COMPRISING NONHUMAN STEM CELL CULTURE SUPERNATANT AS STARTING MATERIAL AND METHOD FOR ION INTRODUCTION FOR PROTEIN

(51) International classification :A61K8/98,A61K8/02,A61K35/28
(31) Priority Document No :2012027852
(32) Priority Date :10/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053094
Filing Date :08/02/2013
(87) International Publication No :WO 2013/118877
(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 :
As the percentage of senior citizens increases at the present time the purpose of the present invention is to provide a cosmetic which can maintain the skin in a healthy state by preventing damage to the skin that accompanies aging more specifically discoloration and wrinkling is very safe does not pose ethical problems and can be supplied in a sufficient amount. The present invention provides a cosmetic that comprises as the main component a powder of the supernatant produced by culturing the bone marrow or dental pulp stem cells of a nonhuman mammal. Moreover provided is a method for ion introduction for protein by which the cosmetic is introduced by ion introduction.

No. of Pages : 51 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7175/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPARATUSES AND METHODS FOR MAKING ABSORBENT ARTICLES

(51) International classification :A61F13/15
(31) Priority Document No :13/434984
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032735
Filing Date :18/03/2013
(87) International Publication No :WO 2013/148378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCHNEIDER Uwe

(57) Abstract :
The present disclosure relates to methods and apparatuses for assembling absorbent articles and more particularly diapers each including a chassis connected with front and back elastic belts. Opposing end regions of the chassis are connected with regions of the elastic belts where the elasticity of the elastic belts has been removed or deactivated. As discussed in more detail below an elastic laminate is formed by intermittently bonding elastic strands between a first continuous substrate layer and a second continuous substrate layer. The elastic strands are then intermittently deactivated by severing the strands in the non bonded regions to form deactivated regions of the elastic laminate. A plurality of chassis may then be bonded with the elastic laminate wherein the first or second end regions of each chassis may be bonded with deactivated regions of the continuous elastic laminate.

No. of Pages : 50 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7176/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A HAND HELD APPLIANCE

(51) International classification :A45D20/10,A45D20/12,F24H3/04
(31) Priority Document No :1205679.2
(32) Priority Date :30/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050694
Filing Date :19/03/2013
(87) International Publication No :WO 2013/144569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)COURTNEY Stephen
2)MOLONEY Patrick
3)GAMMACK Peter

(57) Abstract :
Disclosed is a hand held appliance comprising a body having a fluid inlet for admitting fluid into the appliance a fluid outlet a duct lined with a material and a primary fluid flow path extending from the fluid inlet to the fluid outlet and through the duct. The material may be a foam or a felt and is a sound absorbing material a vibration absorbing material is an insulator is tuned to resonant frequencies of the appliance. The primary fluid flow path may be non linear. The duct may have a non circular cross section and may comprise a handle portion of the appliance and the handle portion of the duct is lined with said material. A fan unit may be provided located upstream of the handle portion. The duct may comprise a first handle portion and a second handle portion of the appliance. Also disclosed is a hand held appliance comprising a body having a fluid inlet for admitting fluid into the appliance a fluid outlet a duct lined with a material and a primary fluid flow path extending from the fluid inlet to the fluid outlet and through the duct.

No. of Pages : 62 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3082/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INTEGRATED VALVE COVER WITH WIRE HARNESS MOUNTING STRUCTURE

(51) International classification :A62B
(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

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1)MUTHUSAMY, KADIRVEL

(57) Abstract :
A wire harness assembly including a wire harness defining a pair of wire portions in proximity to a pair of electrical connectors and a valve housing assembly defining a compartment and including at least two wire attachment portions extending within the compartment and integrally formed within a wall of the valve housing assembly wherein the pair of wire portions of the wiring harness each being retained by a respective one of the at least two wire attachment portions of the valve housing assembly.

No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3084/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A HEIGHT ADJUSTABLE SUPPORTING DEVICE FOR AN ELECTRICAL HOUSE HOLD APPLIANCE

(51) International classification :A01K
(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

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(72)**Name of Inventor :**
1)CHANDRA SHEKHAR GANGWAR
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(57) Abstract :
The present invention relates to a height adjustable supporting device for an electrical house hold appliance comprising a base frame with a guide having a means for stopping a slider at different height.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3085/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PRESERVATIVE-FREE OPHTHALMIC PHARMACEUTICAL FORMULATION •

(51) International classification :A61K
(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

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(57) Abstract :
The present invention relates to a process for manufacturing an ophthalmic formulation of a carbonic anhydrase inhibitor, hydroxyl ethyl cellulose (HEC), and a beta-adrenergic antagonist for use in the treatment of ocular hypertension and glaucoma wherein the ophthalmic pharmaceutical formulation is devoid of benzalkonium chloride or any other preservatives. The present process for manufacturing is simpler, cost effective process to prepare the pharmaceutical ophthalmic formulation in a single tank, without the use of additional tanks that can be sterile filtered.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.3133/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PATTERNED FABRIC WITH AN IMAGE PATTERN

(51) International classification :B01D
(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

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2)HUANG, Pao-Han
3)HUANG, Pao-Hao
(72)**Name of Inventor :**
1)HUANG, Chen-Cheng
2)HUANG, Pao-Han
3)HUANG, Pao-Hao

(57) Abstract :
A patterned fabric with an image pattern includes: a fabric sheet having opposite first and second surfaces and a plurality of pores extending through the first and second surfaces, each of the pores being defined by a pore-defining wall; and a plastic film bonded to the first surface of the fabric sheet and having opposite first and second faces and an image pattern formed on the first face. The plastic film is perforated to form a plurality of through-holes extending through the first and second faces. Each of the through-holes is defined by a hole-defining wall. The hole-defining wall of each of the through-holes extends into a respective one of the pores and wraps around and is bonded to at least a portion of the pore-defining wall of the respective one of the pores.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7186/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VALVE ARRANGEMENT

(51) International classification :B01D46/04,B01D46/00,B01D46/42
(31) Priority Document No :12154678.2
(32) Priority Date :09/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2013/050842
Filing Date :31/01/2013
(87) International Publication No :WO 2013/118036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PECO Faruk

(57) Abstract :
A fabric filter valve arrangement (9) adapted for providing pulses of compressed gas to clean fabric filter bags (6) in a fabric filter (1). The valve arrangement (9) comprises a plunger (12) movable in relation to an edge (15) of a first end (16) of a pulse pipe (13). When the valve arrangement (9) is closed the plunger (12) abuts the edge (15) of the first end (16) of the pulse pipe (13) thus blocking the flow of compressed gas to the interior (13a) of pulse pipe (13). A sealing portion (19) of a sealing material is arranged at the plunger (12) and/or the edge (15) of the first end (16) of the pulse pipe (13).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7187/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WATER/STEAM CYCLE AND METHOD FOR OPERATING THE SAME

(51) International classification :F01K9/04,F01K13/02,F28B9/10
(31) Priority Document No :12154846.5
(32) Priority Date :10/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/052598
Filing Date :08/02/2013
(87) International Publication No :WO 2013/117730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LENHERR Hans Ulrich

(57) Abstract :
A water/steam cycle comprises a steam generator, a steam turbine, a water cooled condenser (13) and a feedwater pump, whereby the condenser (13) comprises within a condenser shell (28) at least one tube bundle (18) with an internal air cooler (21), which is connected to an external ejector/vacuum pump (25) by means of a suction line (23). In order to reduce the condenser evacuation time at the start-up of the water/steam cycle (10) without using auxiliary steam an additional evacuation line (26) with a motorized isolating valve (27) connects the external ejector/vacuum pump (25) with the condenser shell (28). The action of the isolating valve (27) is controlled by means of a control (29)

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7180/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MULTILAYER ELECTRONICS ASSEMBLY AND METHOD FOR EMBEDDING ELECTRICAL CIRCUIT COMPONENTS WITHIN A THREE DIMENSIONAL MODULE

(51) International classification :H05K3/46,H05K1/18,H01L23/12
(31) Priority Document No :61/596652
(32) Priority Date :08/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/024907
Filing Date :06/02/2013
(87) International Publication No :WO 2013/119643
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAURIELLO Philip Joseph

(57) Abstract :
A multilayer electronics assembly and associated method of manufacture are provided. The multilayer electronics assembly includes a plurality of stacked substrate layers. Each of the substrate layers is fusion bonded to at least an adjacent one of the plurality of substrate layers. A first discrete electrical circuit component is bonded to a first layer of the plurality of layers. A bonding material is interposed between the discrete electrical circuit component and the first layer. The bonding material has a reflow temperature at which the bonding material becomes flowable that is higher than a fusion bonding temperature of the substrate layers.

No. of Pages : 33 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014
(21) Application No.7181/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INTERCONNECTION SYSTEM FOR PANEL ASSEMBLIES

(51) International classification :E04C3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/027597
Filing Date :02/03/2012
(87) International Publication No :WO 2013/130107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KALINOWSKI Ramon

(57) Abstract :
A system for interconnecting multiple panel assemblies comprising bracketing bodies wherein a first bracket body has a bearing member that pivotally engages with another bracket body and at least one panel receiving volume for receiving a panel defined by at least one planar member of a bracketing body. The system may include one or more thermal insulating bodies that place the bracketing body in a spaced relationship with respect to one another and a fastenerless connection for connecting the assemblies to panel assemblies.

No. of Pages : 44 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7182/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PRESSURE REGULATING VALVE FOR REGULATING PRESSURE IN A HIGH PRESSURE FUEL ACCUMULATOR FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M63/02,F02M63/00
(31) Priority Document No :1252350
(32) Priority Date :15/03/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/052884
Filing Date :13/02/2013
(87) International Publication No :WO 2013/135450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JULIEN Jean Roch
3)BINSSE Sebastien
4)CHARVET Olivier
5)LACROIX David
6)DUMONT Tony

(57) Abstract :
The invention relates to a pressure regulating valve for regulating pressure in a high pressure fuel accumulator for an internal combustion engine comprising a valve piston (5) accommodated axially displaceably in a bore (1) in a valve housing (2) acting on a valve closing member (3) in the direction of a valve seat (4) said valve piston being connected at the end thereof facing away from the valve seat (4) to an armature (6) of a magnetic assembly (7) for actuating the pressure regulating valve wherein the armature (6) is accommodated in an armature chamber (8) and the valve closing member (3) is accommodated in a valve chamber (9). According to the invention the valve chamber (9) and the armature chamber (8) are hydraulically connected via at least one groove (10) and/or bore (11) formed in the valve housing (2) valve piston (5) and/or in the armature (6) as well as at least one choke point (12).

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7183/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMAGE PROCESSING APPARATUS

(51) International classification :H04N5/232,G06T3/00,H04N5/225
(31) Priority Document No :2012041433
(32) Priority Date :28/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054819
Filing Date :25/02/2013
(87) International Publication No :WO 2013/129337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)IWANE Toru

(57) Abstract :
An image processing apparatus comprises: a plurality of microlenses two dimensionally arranged such that a subject light having passed through an image forming optical system is incident on the plurality of microlenses; a plurality of light receiving elements associated with the respective ones of the plurality of microlenses and arranged in the vicinity of a focal position behind the microlenses for receiving the subject lights having passed through the microlenses; an image combining unit for combining on the basis of the outputs of the plurality of light receiving elements images of focal planes different from a predetermined focal plane of the image forming optical system; and a processing unit for performing a process that enhances on the basis of at least both a target image as combined by the image combining unit which is an image in the vicinity of the plurality of microlenses and an auxiliary image that is an image outside the vicinity of the plurality of microlenses the resolution of the target image.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.3110/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GRAPHENE BASED STORAGE DEVICE

(51) International classification :F16H
(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

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1)SINGH, Aditi
2)ANAND, Parag

(57) Abstract :
The present disclosure provides for a re-adherable memory device strip that can be configured as a data storage and retrieval medium, which is flexible in material and structure and capable of integrating into any shape or product form. In one aspect, the proposed strip can include a first conductive layer configured along with an upper protective layer, a graphene layer, and a lower protective layer configured along with a second conductive adhesive layer. Strip can be incorporated such that the graphene layer can be configured to store content/data such that when the second conductive adhesive layer is stuck or pasted onto an optical data transfer surface (ODTS) of any compatible electronic device including laptop, tablet, desktop, mobile, touch surfaces, or any other device, the strip can be detected as a memory device and content can be copied and managed between the electronic device and the memory device strip.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014
(21) Application No.7190/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR REPAIRING A STATOR

(51) International classification :H02K15/00,H02K15/02
(31) Priority Document No :12290097.0
(32) Priority Date :20/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055717
Filing Date :19/03/2013
(87) International Publication No :WO 2013/139801
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JACOULOT Pascal Lucien

(57) Abstract :
The method for repairing a stator (1) having a damaged part comprises providing the stator (1) with a seat (15), removing the damaged part of the stator (1), connecting the inserts (16) replacing the damaged part of the stator (1) to the seat (15), fixing the inserts (16).

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7191/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVED 1 1 DISUBSTITUTED ETHYLENE PROCESS

(51) International classification	:C07C67/31,C07C69/73,C07C253/30
(31) Priority Document No	:61/591884
(32) Priority Date	:28/01/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/023515 :29/01/2013
(87) International Publication No	:WO 2013/113037
(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)OPTMED INC.
Address of Applicant :601 Lexington Avenue Suite 5100 New York NY 10022 U.S.A.
(72)**Name of Inventor :**
1)GONDI Vijaya Bhasker
2)REID John Gregory

(57) Abstract :
New and improved processes for the production of 1 1 disubstituted ethylenes.

No. of Pages : 43 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7192/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RETRACTABLE LATCH BUMPER

(51) International classification :B62D33/037,B60J5/10,E05C3/12
(31) Priority Document No :13/371111
(32) Priority Date :10/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050093
Filing Date :07/02/2013
(87) International Publication No :WO 2013/116943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GRUBER Rudolf
2)LOUI Dennis Tak Man

(57) Abstract :
A bumper for a closure such as a tailgate acts between the tailgate and a frame to bias a striker in to engagement with a latch. The bumper is moved to a retracted position during closing to reduce the force needed to close the tailgate. After latching the bumper is conditioned to an extended position to assert the bias between the tailgate and frame.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7193/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PLUG CONNECTOR

(51) International classification :H01R13/502,H01R13/639,H01R13/73
(31) Priority Document No :10 2012 101 690.9
(32) Priority Date :01/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054188
Filing Date :01/03/2013
(87) International Publication No :WO 2013/128005
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SEELIG Marco
2)FELDNER Ralf

(57) Abstract :
The subject matter of the invention is a plug connector for electrically connecting an electric vehicle to a charging device having a plug or a socket (1) and an electromechanically driven locking device (3) wherein the plug or the socket (1) is designed to establish an electrical connection with a second socket or a second plug of a second plug connector which is associated with the electric vehicle or the charging device the locking device (3) is designed to be moved axially to the plugging direction (7) of the plug or of the socket (1) in order to mechanically lock and/or unlock a plug/socket (1) pair which are connected to one another and the locking device (3) and/or the plug or the socket (1) have/has a centring device (11) which is designed in such a way that the locking device (3) can be detachably fastened to the plug or to the socket (1) in a positively locking manner in a position which is predetermined by the centring device (11). As a result substantially simplified assembly is possible even in tight spaces.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7194/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FULVIC ACID AND ANTIBIOTIC COMBINATION FOR THE INHIBITION OR TREATMENT OF MULTI DRUG RESISTANT BACTERIA

(51) International classification :A61K31/352,A61K45/06,A61P31/04
(31) Priority Document No :2012/01683
(32) Priority Date :07/03/2012
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2013/051772
Filing Date :06/03/2013
(87) International Publication No :WO 2013/132444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEIVERS Stephen William
2)WARN Peter

(57) Abstract :
Fulvic acid as the active ingredient is used in the treatment or inhibition of multi-drug resistant bacteria, in particular NDM-1 bacteria producing carbapenemase or extended-spectrum plactamase (ESBL) resistant bacteria. The multi-drug resistant bacteria may be gram negative bacteria including, but not limited to, Klebsiella pneumoniae or Escherichia coli. The fulvic acid can be provided in combination with one or more antibiotics from the class of carbapenems or polymyxin antibiotics.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.7099/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR MAPPING MEDIA COMPONENTS EMPLOYING MACHINE LEARNING

(51) International classification :G06N3/02,H04L29/08,G06F9/50
(31) Priority Document No :12305171.6
(32) Priority Date :15/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/051563
Filing Date :28/01/2013
(87) International Publication No :WO 2013/120686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SATZKE Klaus
2)WAHL Stefan

(57) Abstract :
The present document relates to cloud computing. In particular the present document relates to methods and systems for cloud computing which enable the efficient and flexible placement of application components within a cloud. A computing device (101) is described. The computing device (101) is adapted to receive a plurality of component placement requests for one or more components (703) of a corresponding plurality of applications (700); determine a plurality of feature vectors (203) from the plurality of component placement requests respectively; wherein each feature vector (203) comprises vector dimensions which describe different attributes of the respective component placement request: determine a plurality of placement decisions (205) regarding the plurality of component placement requests respectively: wherein each placement decision (205) comprises an indication of one or more executing computing devices (101) onto which the one or more components (703) of the respective application (700) have been placed; cluster the plurality of feature vectors (203) thereby yielding one or more clusters (202); wherein each cluster (202) comprises a default feature vector (203) describing the different attributes of a default component placement request; determine a default placement decision (205) for each of the one or more clusters; and store the one or more default feature vectors and the respective one or more default placement decisions (205) in a database (204) of the computing device (101).

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7205/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BINDER COMPOSITION FOR MAKING FOUNDRY MOLDS

(51) International classification :C08K5/00,B22C1/22,C08K3/00
(31) Priority Document No :2012067554
(32) Priority Date :23/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057575
Filing Date :12/03/2013
(87) International Publication No :WO 2013/141186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOKE Takashi
2)MATSUO Toshiki

(57) Abstract :
A binder composition for making foundry molds comprising an acid hardening resin one or more 5 position substituted furfural compounds selected from the group consisting of 5 hydroxymethylfurfural and 5 acetoxymethylfurfural and one or more compounds selected from the group consisting of urea and derivatives of urea wherein the content of the 5 position substituted furfural compound(s) by percentage is from 1 to 60% by weight of the binder composition. The content of the compound(s) by percentage selected from the group consisting of urea and derivatives of urea is preferably from 0.3 to 10% by weight of the binder composition.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7207/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COLD FLOW IMPROVEMENT OF DISTILLATE FUELS USING ALPHA OLEFIN COMPOSITIONS

(51) International classification :C10L1/195
(31) Priority Document No :61/611864
(32) Priority Date :16/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029586
Filing Date :07/03/2013
(87) International Publication No :WO 2013/138154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SCHIELD John A.
3)BIGGERSTAFF Paul J.
4)PHAN Kimchi T.
5)WARD Jack Bradford

(57) Abstract :
per se The cold flow of middle distillate fuels may be improved by adding an effective improving amount of one or more alpha olefin compositions. The compositions include but are not necessarily limited to polymers of alpha olefins copolymerized or grafted alpha olefins with maleic anhydride acrylic acid vinyl acetate alkyl acrylates methacrylic acid and/or alkyl methacrylates. These resulting copolymers or grafted polymers may be blended with alkylphenol formaldehyde resins which in turn may be blended with ethylene vinyl acetate (EVA) copolymer. In a non limiting example the cold filter plugging point (CFPP) may be synergistically improved as compared with the expected additive effect of using the components separately.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7208/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SUBSTRATE SUPPORTED CATALYST AND METHOD FOR MANUFACTURING SUBSTRATE SUPPORTED CATALYST

(51) International classification :B01J31/28,B01J32/00,C07B61/00
(31) Priority Document No :2012063156
(32) Priority Date :21/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/000247
Filing Date :21/01/2013
(87) International Publication No :WO 2013/140705
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FUNABASHI Masahiko
2)KAMATA Toru
3)NISHIWAKI Nagatoshi

(57) Abstract :
A substrate supported catalyst containing a substrate a hardened thermosetting resin body formed on the surface of the substrate and catalytically active microparticles supported on the surface of the hardened body the thermosetting resin having a phenolic hydroxyl.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7127/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AMINE TREATING PROCESS FOR SELECTIVE ACID GAS SEPARATIONS

(51) International classification :B01D53/14
(31) Priority Document No :61/610727
(32) Priority Date :14/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030780
Filing Date :13/03/2013
(87) International Publication No :WO 2013/138437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FEDICH Robert B.
2)KORTUNOV Pavel
3)SISKIN Michael
4)THOMANN Hans

(57) Abstract :
A process for the selective separation of hydrogen sulfide from gas mixtures containing carbon dioxide as well as other acidic gases uses severely sterically hindered amino alcohol absorbents based on amino alcohols and ethers containing secondary nitrogen atoms hindered by an alpha tertiary carbon atom. Preferred absorbents include 2 (N methylamino) 2 methylpropan 1 ol (2 (N ethylamino)) 2 methylpropan 1 ol (2 (N isopropylamino) 2 methylpropan 1 ol SBAE (2 (N sec butylamino) 2 methylpropan 1 ol) and (2 (N t butylamino) 2 methylpropan 1 ol.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7128/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR TRANSMITTING AND DISPLAYING IMAGES

(51) International classification :H04W4/00,G06Q30/02,G06Q30/06
(31) Priority Document No :A 212/2012
(32) Priority Date :20/02/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050040
Filing Date :15/02/2013
(87) International Publication No :WO 2013/123541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)G–TZL Peter
2)MASS Michael

(57) Abstract :
The invention relates to a method for transmitting and displaying images (3) on at least one mobile telephone (2) and for determining the frequency with which individual images (3) are displayed with the mobile telephone (2) wherein the images (3) are provided by a server (1) which has a data connection to the mobile telephone (2) via a mobile radio network and wherein the mobile telephone (2) is changed to an inactive state (30) after a predefined time of non use (23) or by the input of a user command (23) wherein the mobile telephone (2) is changed from the inactive state (30) to a locked active state (31) when carrying out an activation operation (21) and the mobile telephone (2) is changed from the locked active state (31) to an unlocked active state (32) when carrying out an unlocking operation (22) wherein the mobile telephone (2) accepts user inputs only in the unlocked active state wherein the server (1) selects a number of images (3) and transmits these images (3) to the mobile telephone (2) one of the images (3) transmitted from the server (1) to the mobile telephone (2) is selected and is kept available for display the selected image (3) is displayed by the mobile telephone (2) during the locked active state (31) of the mobile telephone (2) and a count value is determined for each of the images (3) transmitted from the server (1) to the mobile telephone (2) and indicates how often the particular image (3) has been displayed on the mobile telephone (2) and the particular count value for each of the images (3) is transmitted from the mobile telephone (2) to the server (1).

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7129/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING 3 5 BIS(FLUOROALKYL) PYRAZOL 4 CARBOXYLIC ACID DERIVATIVES AND 3 5 BIS(FLUOROALKYL) PYRAZOLES

(51) International classification :C07D231/14
(31) Priority Document No :12356001.3
(32) Priority Date :01/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/051930
Filing Date :31/01/2013
(87) International Publication No :WO 2013/113829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LUI Norbert
3)VORS Jean Pierre
4)LEROUX Frdric
5)GIORNAL Florence

(57) Abstract :
The invention relates to novel 3 5 bis(fluoroalkyl) pyrazol 4 carboxylic acid derivatives and to a method for producing 3 5 bis(fluoroalkyl) pyrazol 4 carboxylic acid derivatives and 3 5 bis(fluoroalkyl) pyrazoles.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7222/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONTACT LENS

(51) International classification :G02B1/04,B29D11/00
(31) Priority Document No :12000649.9
(32) Priority Date :01/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/000323
Filing Date :01/02/2013
(87) International Publication No :WO 2013/083855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KORDICK Thomas

(57) Abstract :
A silicone contact lens coated in a hydrophilizing manner has a radial cross section of the inner surface (1) of the contact lens the edge region contour of said cross section between a turning point (6) and the outer edge being convex (7). In order to produce it a silicon precursor material is introduced between a female and a male mould and polymerized there and the polymerized contact lens is released from the mould by means of a liquid which swells said contact lens and it is completed after a PECVD/CVD coating without edge processing.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2014

(21) Application No.7107/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : N MONOMETHYL SUBSTITUTED ANILINES AS COMPONENTS INCREASING THE OXIDATION RESISTANCE OF PETROL

(51) International classification :C10L1/10,C10L1/18,C10L1/223
(31) Priority Document No :2012102471
(32) Priority Date :25/01/2012
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2012/000118
Filing Date :21/02/2012
(87) International Publication No:WO 2013/112069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FROLOV Alexander Yurievich
2)IVANOV Yuriy Alexandrovich

(57) Abstract :
The invention relates to the use of N monomethyl 4 methoxyaniline N monomethyl 4 ethoxyaniline and N monomethylaniline or mixtures thereof as antioxidant additives for motor fuels and can be used for improving the operational characteristics thereof. The invention also relates to fuel compositions containing the compounds mentioned.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7108/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FINAL DISPOSAL CONTAINER AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification :B65D90/02,B65D90/08,G21F5/005
(31) Priority Document No :10 2012 101 319.5
(32) Priority Date :17/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/053196
Filing Date :18/02/2013
(87) International Publication No :WO 2013/121046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMPELKAMP NUKLEARTECHNIK GMBH
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(72)**Name of Inventor :**
1)STEINWARZ Wolfgang

(57) Abstract :
The invention relates to a storage container (10) in particular a final disposal container for contaminated materials. In order to make it possible to produce the storage container especially advantageously and substantially without the occurrence of dross the storage container (10) comprises a container body (12) that has a container bottom (26) and at least one container side wall (28 30 32 34) wherein the container body (12) has a filling opening (16) that can be closed by a container cover (14) wherein the container body (12) at the end of at least one container side wall (28 30 32 34) opposite the container bottom (26) has a projection (36) that has a wedge shaped cross section and is formed on the inside of the container and wherein the wedge shaped projection (36) thickens due to a slanted portion (38) that extends at an angle in a range of = 10° to = 35° relative to the orientation of the container side wall (28 30 32 34). The invention further relates to a method for producing a storage container (10) in particular a final disposal container for contaminated materials.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7109/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS OF TREATING PAIN BY INHIBITION OF VGF ACTIVITY

(51) International classification :C07K16/24
(31) Priority Document No :1201332.2
(32) Priority Date :26/01/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050162
Filing Date :25/01/2013
(87) International Publication No :WO 2013/110945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OKUSE Kenji
2)PRISTERA Alessandro

(57) Abstract :
The present disclosure relates to a method of treating pain in particular neuropathic pain comprising administering a therapeutically effective amount of an inhibitor of VGF activity resulting from binding of VGF or a peptide of the type TLQP 21 to the receptor qC1qR. The disclosure also relates to and methods of screening for said inhibitors.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7210/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR OPERATING A COMBINED CYCLE POWER PLANT AND COMBINED CYCLE POWER PLANT

(51) International classification :H02J3/28,H02J3/38,H02J15/00
(31) Priority Document No :10 2012 203 334.3
(32) Priority Date :02/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054219
Filing Date :01/03/2013
(87) International Publication No :WO 2013/128023
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Dreekamp 5 26605 Aurich Germany
(72)**Name of Inventor :**
1)BEEKMANN Alfred

(57) Abstract :
The invention relates to a method for operating a power to gas device in other words a device that produces a gas such as hydrogen and/or methane and/or the like from electrical energy wherein in order to produce the gas the power to gas unit draws electrical energy from an electrical network to which the power to gas unit is connected wherein the network has a predetermined target frequency or a target frequency range wherein the power to gas unit reduces the draw of electrical power by a predetermined value or draws no electrical power if the network frequency of the electrical network lies below the desired target frequency of the network by a predetermined frequency value and/or if the network frequency falls with a frequency gradient namely with a change per time (f/t) the magnitude of which exceeds a predetermined change magnitude.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7212/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELASTIC MEMBER CUTTING ROLL SYSTEM METHOD AND ABSORBENT ARTICLE MADE THEREFROM

(51) International classification :A61F13/15
(31) Priority Document No :61/617713
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033775
Filing Date :26/03/2013
(87) International Publication No :WO 2013/148612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OGATA Takeshi
3)UENO Hiroyuki
4)JUGUILON Norman Gorospe

(57) Abstract :
The present invention relates to apparatuses and methods of cutting certain portions of an elastic member the elastic member being suitable for use in absorbent articles. The cutting roll system of the present invention is for cutting a plurality of elastic strands in a region the cutting roll system comprising: an anvil roll; and a cutting roll adjacent the anvil roll the cutting roll adapted to rotate about a roll axis and wherein the cutting roll comprises a knife block; wherein the knife block comprises at least two rows of knife edges each row having at least two knife edges arrayed linearly parallel to the roll axis; each row of knife edges circumferentially spaced apart from each other; each knife edge oriented at an angle which does not match with the roll axis direction or a roll circumferential direction the roll circumferential direction being perpendicular to the roll axis direction; the knife edges in the same knife block staggered with each other such that each elastic strand in the region is cut no more than once.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7200/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HYBIRID ROPE OR HYBRID STRAND

(51) International classification :D07B1/06
(31) Priority Document No :12165260.6
(32) Priority Date :24/04/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/057834
Filing Date :15/04/2013
(87) International Publication No :WO 2013/160139
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DURMUS Beste
3)SMEETS Paulus Johannes Hyacinthus Marie

(57) Abstract :
A hybrid rope (40) or a hybrid strand (50) comprising a core element (42 52) a first (44 54) and a second (46 56) metallic closed layer surrounding said core element (42 52). The core element (42 52) includes a bundle of synthetic yarns. The first metallic closed layer (44 54) includes a plurality of first strands of wires helically twisted together with the core element (42 52) in a first direction. The second metallic closed layer (46 56) includes a plurality of second wires or strands helically twisted together with said core element (42 52) and said first metallic closed layer (44 54) in a second direction. The cross sectional area of the core element (42 52) is larger than the total cross sectional area of the first (44 54) and second (46 56) metallic closed layers. A corresponding method of producing such a hybrid rope or hybrid strand is also disclosed.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7201/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MECHANICAL DISPENSING SYSTEM

(51) International classification :B67D3/00,B67D3/04
(31) Priority Document No :61/602673
(32) Priority Date :24/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027275
Filing Date :22/02/2013
(87) International Publication No :WO 2013/126663
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NORRIS Joseph T.
2)KALINOWSKY John Philip
3)KRUSKA Jesse S.
4)CLAY John Kevin

(57) Abstract :
The present application provides a dispensing system (100) for dispensing a beverage from a container 140). The dispensing system (100) may include a dispensing valve (240) adapted to be positioned within the container (140) a dispensing valve receptacle (290) for receiving the dispensing valve (240) and a dispensing lever (260) connected to the dispensing valve receptacle (290). Moving the dispensing lever (260) causes the dispensing valve receptacle (290) to rotate the dispensing valve (240) so as to dispense the beverage from the container (140).

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7202/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CATHETER FOR THE TREATMENT OF ATRIAL FLUTTER HAVING SINGLE ACTION DUAL DEFLECTION MECHANISM

(51) International classification	:A61B18/14,A61M25/00,A61M25/01
(31) Priority Document No	:61/605886
(32) Priority Date	:02/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/028562 :01/03/2013
(87) International Publication No	:WO 2013/130940
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)SOLIS Mario A.

(57) Abstract :
A catheter and method for the treatment of a patient having atrial flutter or other arrhythmia comprises an elongated catheter body having an outer wall proximal and distal ends and at least one lumen extending therethrough. Further it has a distal tip section comprising a flexible tubing having a proximal end and a distal end and a plurality of lumens extending therethrough. The proximal end of the tip section is fixedly attached to the distal end of the catheter body. The tip section further comprises a nitinol tube having slots formed therein which causes the distal tip section to deflect using the same puller wire action used to cause the deflectable catheter to deflect at a point proximal to the distal tip section.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7203/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING ALPHA METHYL STYRENE FROM CUMENE

(51) International classification :C07C7/12,C07C15/06,C07B63/00
(31) Priority Document No :61/608811
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028498
Filing Date :01/03/2013
(87) International Publication No :WO 2013/134049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KEENAN Scott R.

(57) Abstract :
A method for controlling the production of heavy compounds in the production of alpha methyl styrene is provided. In one embodiment the method includes providing a first composition to a distillation column said first composition comprising acetone phenol cumene and alpha methyl styrene; refining the first composition in the distillation column to produce a second composition comprising at least 1 wt.% alpha methyl styrene and at least one organic acid wherein the second composition includes a higher weight percentage of alpha methyl styrene than the first composition; and adding an amine to the second composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7204/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RESIN COATING LAYER AND LIFE EXTENDING PROCESSING METHOD FOR PIPE

(51) International classification :F16L58/10,B05D7/22,F16L57/00
(31) Priority Document No :2012044639
(32) Priority Date :29/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/052882
Filing Date :07/02/2013
(87) International Publication No :WO 2013/129065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MIYACHI Tsuyoshi
3)KAGAWA Seiji
4)OKAMOTO Takuya

(57) Abstract :
This resin coating layer (10A) is characterized by being formed by curing a heat curable resin composition on the inside wall (11a) inside a heat conductive pipe (11). As a result the heat conductive pipe (11) can be readily repaired without cutting the heat conductive pipe (11) during repair of the heat conductive pipe (11).

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7213/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMMUNICATION NODE PACKET PROCESSING METHOD AND PROGRAM

(51) International classification :H04L12/717,H04L12/741
(31) Priority Document No :2012062221
(32) Priority Date :19/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057640
Filing Date :18/03/2013
(87) International Publication No :WO 2013/141200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUEMITSU Mariko

(57) Abstract :
The objective of the invention is to allow a communication node which operates in accordance with control information established from a control apparatus to perform different processes by use of a reduced number of flow tables. A communication node comprises: one or more flow tables that store several pieces of control information established from a control apparatus; and a packet processing unit that retrieves from the one or more flow tables a piece of control information having a match condition conforming to a received packet and that processes the packet in accordance with the retrieved piece of control information. If a given loop order has been added to the piece of control information having the match condition conforming to the received packet the packet processing unit executes both the retrieval of another piece of control information in the flow tables and the execution of the retrieved piece of control information a predetermined number of times.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7214/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VEHICLE BODY STRUCTURE

(51) International classification :B62D25/20,B62D29/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/055275
Filing Date :01/03/2012
(87) International Publication No :WO 2013/128619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)IKEDA Koki

(57) Abstract :
A vehicle body structure (10) is provided with a resin lower panel (12L) having a lower wall (32) which forms the lower part of a floor section (22) an outer front wall (48) which is extended upward in the vertical direction of the vehicle body from the front end of the lower wall (32) in the front rear direction of the vehicle body and an outer rear wall (54) which is extended upward in the vertical direction of the vehicle body from the rear end of the lower wall (32) in the front rear direction of the vehicle body; and a resin upper panel (12U) having upper walls (40 44) which face the lower wall (32) and which form the upper part of the floor section (22) an inner front wall (50) which is extended upward in the vertical direction of the vehicle body from the front ends of the upper walls (40 44) in the front rear direction of the vehicle body and which is joined to the outer front wall (48) to form a closed cross sectional shape extending while including both left and right end sections thereof in the width direction of the vehicle at the upper part of the outer front wall (48) and an inner rear wall (56) which is extended upward in the vertical direction of the vehicle body from the rear ends of the upper walls (40 44) in the front rear direction of the vehicle body and which is joined to the outer rear wall (54) to form a closed cross sectional shape extending while including both left and right end sections thereof in the width direction of the vehicle at the upper part of the outer rear wall (54).

No. of Pages : 44 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7215/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HEAT EXCHANGER

(51) International classification :F28F3/02
(31) Priority Document No :10 2012 006 346.6
(32) Priority Date :28/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/US2013/034494
Filing Date :28/03/2013
(87) International Publication No :WO 2013/149087
(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 invention relates to a heat exchanger for example an indirect air cooler in which the air for example compressed charge air for an internal combustion engine is cooled for example by means of a fluid wherein the heat exchanger is constructed from stacked pairs having two longitudinal edges and two lateral edges of plates having fins arranged therebetween and the stack is arranged in a housing into which for example air flows flows around the fins and leaves the housing again wherein said air is cooled by the fluid flowing in the plate pairs which fluid flows into the plate pairs via at least one inlet and is conducted away via at least one outlet.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7217/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HEAT DISTRIBUTION BODY FOR A HEATER OF AN SCR SYSTEM AND HEATER

(51) International classification :F01N3/20
(31) Priority Document No :10 2012 204 106.0
(32) Priority Date :15/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/051017
Filing Date :21/01/2013
(87) International Publication No :WO 2013/135404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHOTT Steffen

(57) Abstract :
The invention relates to a heat distribution body (20) for a heater (68) of an SCR system wherein the heat distribution body (20) has a heat conducting body (1) and an injection moulded encapsulation (21). It is provided here that the heat conducting body (1) has stress reducing and/or strain reducing elements (30 31 32 33 34 53 54 63). Moreover the invention relates to a heater (68) having a heat distribution body (20) of this type.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7218/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HIGH PRESSURE PUMP

(51) International classification :F02M59/10,F04B1/04,F02M59/44
(31) Priority Document No :10 2012 204 264.4
(32) Priority Date :19/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/051022
Filing Date :21/01/2013
(87) International Publication No :WO 2013/139498
(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 :
A high pressure pump (1) used in particular as a radial or in line piston pump for fuel injection systems of air compressing self igniting internal combustion engines comprises a pump housing (2) and a cylinder head (3) connected to said pump housing (2). A pump assembly (6) and a drive shaft (7) mounted in the pump housing (2) are also provided. The drive shaft (7) is used to drive the pump assembly (6). The pump assembly (6) has a tappet body (10) and a tappet spring (40). The tappet body (10) is guided at least in sections on a projection (5) of the cylinder head (3). The tappet spring (40) encloses the tappet body (10) at least in sections. In this way the tappet spring (40) can be designed with a large diameter.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7219/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MANUAL OVERRIDES FOR VALVES

(51) International classification :F16K31/122,F16K31/50
(31) Priority Document No :13/364096
(32) Priority Date :01/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/023739
Filing Date :30/01/2013
(87) International Publication No :WO 2013/116267
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LARSEN Todd W.

(57) Abstract :
Manual overrides for valves are disclosed herein. An example apparatus includes an actuator (102) to move a stem (18) of a valve. The actuator includes a housing (126 150) defining a bore (128) and a piston (132) disposed in the bore. The example apparatus also includes a rod (170) movably coupled to the housing to extend into the bore and the piston is to be movable via the rod or a fluid to flow into the bore. The example apparatus also includes a lock (188) to hold the rod in a first position on the housing where the rod is to disable a supply of the fluid to the bore.

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7220/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FUNGICIDAL PYRIMIDINE COMPOUNDS

(51) International classification :C07D239/42,C07D401/12,C07D403/12
(31) Priority Document No :12153760.9
(32) Priority Date :03/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/052008
Filing Date :01/02/2013
(87) International Publication No :WO 2013/113863
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BOUDET Nadege
4)MLLER Bernd
5)DIETZ Jochen
6)LAUTERWASSER Erica May Wilson
7)LOHMANN Jan Klaas
8)MONTAG Jurith

(57) Abstract :
The present invention relates to fungicidal pyrimidine compounds I to their use and to methods for combating phytopathogenic fungi. The present invention also relates to seeds treated with at least one such compound. Furthermore the invention relates to processes for preparing compounds of formula I.

No. of Pages : 67 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7221/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COSMETIC COMPOSITION COMPRISING SILICA AEROGEL PARTICLES AND A CLAY

(51) International classification :A61K8/25,A61K8/26,A61Q19/00
(31) Priority Document No :1251074
(32) Priority Date :06/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/052249
Filing Date :05/02/2013
(87) International Publication No :WO 2013/117551
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LORANT Raluca

(57) Abstract :
A subject matter of the present invention is a composition for topical application comprising hydrophobic silica aerogel particles and at least one clay. Another subject matter of the invention is a method for the cosmetic treatment of keratinous substances which consists in applying to the keratinous substances a composition as defined above and also the use of this composition in the cosmetic or dermatological field and in particular for caring for protecting and/or making up the skin of the body or face or for caring for the hair. The composition of the invention makes it possible to obtain a uniform and pleasant application of the product without the appearance of little balls at the various stages of use of the product whether during application during drying or during removal when a cleansing product is concerned (such as a wash off mask).

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7146/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EXPLOSION VENT INCLUDING BUCKLE TAB PLATE

(51) International classification :B65D90/36,F16K17/16
(31) Priority Document No :13/408429
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028244
Filing Date :28/02/2013
(87) International Publication No :WO 2013/130754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EIJKELENBERG Tom
3)DOM Guido

(57) Abstract :
Improved non fragmenting high efficiency vent apparatus (10 78) are provided for protecting a structure (12) from potentially damaging or destructive abnormal pressure conditions. The apparatus (10 78) is positioned in covering relationship to a vent opening (14) formed in the structure (12) and generally includes a burst member (16) and a tab assembly (18) equipped with a series of tabs (56); the tabs (56) bend or buckle to a burst member clearing position when the vent apparatus (10 78) experiences an abnormal pressure condition thereby permitting rapid opening of burst member (16) to thus protect structure (12). The burst member (16) may be of domed or flat construction and can be in the form of a quadrate panel or any other desired shape.

No. of Pages : 19 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7147/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A WATER HEATER AND A METHOD OF OPERATING SAME

(51) International classification :F24H1/20,F24D17/00
(31) Priority Document No :2012900750
(32) Priority Date :27/02/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000153
Filing Date :20/02/2013
(87) International Publication No :WO 2013/126945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FOUKS Boris
3)MOULT Kevin

(57) Abstract :
A system and a method for capturing and analyzing the non-verbal and behavioral cues of the users in a network is provided. The sensors present in the client device capture the user behavioral and sensory cues as a reaction to the event, or a particular content. The client device then processes these sensory or behavior inputs or sends these captured sensory and behavioral inputs to the analysis module present in the server. The analysis module runs through a single or multiple sensory inputs on a per capture basis and derives analytics for the particular event it corresponds to. The analytics module consists of a Classification engine that first segments the initial captured cues into Intermediate States. Subsequent to this there is a Decision Engine that aggregates these Intermediate States from multiple instances of users and events, and other information about the user and the event to arrive at a Final State corresponding to the user reaction to the event.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7148/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EXPRESSION METHOD

(51) International classification :C12R1/07,C12N15/75,C12P1/04
(31) Priority Document No :10 2012 201 297.4
(32) Priority Date :31/01/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/051656
Filing Date :29/01/2013
(87) International Publication No :WO 2013/113689
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)HELLMUTH Hendrik
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9)OCONNELL Timothy

(57) Abstract :
The aim of the invention is to increase the product yield of protein in a microbial fermentation process. Said aim is achieved by means of a method in which an expression construct is introduced into a microorganism of the species Bacillus pumilus which expression construct comprises a promoter and a nucleic acid that codes for the protein and the protein is expressed in said expression construct.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7149/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HUMANIZED ANTIBODIES THAT RECOGNIZE ALPHA SYNUCLEIN

(51) International classification :C07K16/00,C12P21/08,A61K39/395
(31) Priority Document No :61/591835
(32) Priority Date :27/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/023307
Filing Date :25/01/2013
(87) International Publication No :WO 2013/112945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEOTOPE BIOSCIENCES LIMITED
Address of Applicant :25 28 North Wall Quay Dublin 1 Ireland
(72)**Name of Inventor :**
1)SALDANHA Jose
2)NIJJAR Tarlochan S.

(57) Abstract :
The present application discloses humanized 1H7 antibodies. The antibodies bind to human alpha synuclein and can be used for treatment and diagnosis of Lewy body disease.

No. of Pages : 128 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7251/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MOTOR VEHICLE DOOR LOCK

(51) International classification :E05B47/06
(31) Priority Document No :20 2012 001 961.9
(32) Priority Date :28/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000102
Filing Date :26/02/2013
(87) International Publication No :WO 2013/127381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Hseler Platz 2 42579 Heiligenhaus Germany
(72)**Name of Inventor :**
1)BARMSCHEIDT Christian

(57) Abstract :
The invention relates to a motor vehicle door lock comprising a locking mechanism also at least one locking element (3) an electric drive (5 6 7) for the locking mechanism and at least two stops (20 21 22 27) for the electric drive (5 6 7) and/or the locking element (3) wherein one of the stops (20 21) is associated with the locking element (3) and the other stop (22 27) is associated with the electric drive (5 6 7) and both stops (20 21 22 27) are arranged on a common stop contour (23).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7115/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON INCLUDING A RADIOPAQUE WIRE FOR PRECISELY IDENTIFYING A WORKING SURFACE LOCATION

(51) International classification :A61M25/10
(31) Priority Document No :N2008447
(32) Priority Date :09/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2013/054750
Filing Date :08/03/2013
(87) International Publication No :WO 2013/132071
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLEARSTREAM TECHNOLOGIES LIMITED
Address of Applicant :Moyne Upper Enniscorthy Co. Wexford Ireland
(72)**Name of Inventor :**
1)WALL Sean

(57) Abstract :
A balloon catheter for use in connection with a guidewire comprises an elongated tubular shaft extending in a longitudinal direction said shaft having a proximal end and a distal end an inflatable balloon supported along the distal end of the shaft the balloon when inflated including first and second spaced ends and a working surface between the ends and at least one wire including at least a radiopaque portion for identifying the location of working surface of the balloon.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7116/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON WITH RADIOPAQUE IDENTIFIER FOR PRECISELY IDENTIFYING THE WORKING SURFACE

(51) International classification :A61M25/10
(31) Priority Document No :61/608852
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029959
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLEARSTREAM TECHNOLOGIES LIMITED
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(72)**Name of Inventor :**
1)BYRNE Pat
2)CRALL Angela Susan
3)RIGHI Robert
4)RONAN Allan
5)WALES Paul Merton
6)WALL Sean

(57) Abstract :
A balloon catheter includes an elongated tubular shaft extending in a longitudinal direction said shaft having a proximal end and a distal end. An inflatable balloon is supported along the distal end of the shaft the balloon when inflated including first and second spaced conical end sections and a working surface between the conical sections. The balloon further includes at least one radiopaque marking identifying the transition from the conical end section to the working surface. Related aspects are also disclosed.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7117/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON WITH COEXTRUDED RADIOPAQUE PORTION

(51) International classification :A61M25/10
(31) Priority Document No :2008450
(32) Priority Date :09/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/US2013/029977
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLEARSTREAM TECHNOLOGIES LIMITED
Address of Applicant :Moyne Upper Enniscorthy County Wexford Ireland
(72)**Name of Inventor :**
1)BYRNE Pat
2)FILLMORE Paul
3)HALL Justin
4)UNDERWOOD Margo Shannon

(57) Abstract :
A balloon catheter includes an elongated tubular shaft having a proximal end and a distal end and a balloon positioned along the distal end of the shaft. A portion of a wall of the balloon partially comprises a coextruded radiopaque material. Related aspects and methods are also disclosed.

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7241/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING ISOCYANATES

(51) International classification :C07C263/10,C07C263/20
(31) Priority Document No :12160168.6
(32) Priority Date :19/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055411
Filing Date :15/03/2013
(87) International Publication No :WO 2013/139703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany
(72)**Name of Inventor :**
1)BRUNS Rainer
2)LORENZ Wolfgang
3)RAUSCH Andreas Karl
4)WERSHOFEN Stefan
5)LODDENKEMPER Tim

(57) Abstract :
The invention relates to a method for producing isocyanates by phosgenating the corresponding amines wherein low boiling secondary components excessive phosgene and the coupling product hydrogen chloride are separated from the crude liquid isocyanate stream which is obtained after the phosgenation has occurred within a maximum of 60 minutes. The crude liquid isocyanate stream is not exposed to temperatures above 250 °C until said separation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7242/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LENS DEPLOYMENT APPARATUS

(51) International classification :G02B7/182,G02B27/01
(31) Priority Document No :1203411.2
(32) Priority Date :28/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050201
Filing Date :30/01/2013
(87) International Publication No :WO 2013/128159
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAE SYSTEMS PLC
Address of Applicant :6 Carlton Gardens London SW1Y 5AD U.K.
(72)**Name of Inventor :**
1)LAYCOCK Leslie Charles
2)COCKSEDGE David Andrew

(57) Abstract :
The following invention relates to an improved lens apparatus for use in a head up display (HUD) particularly for providing a deployment means for a HUD. The deployment device comprises a servomotor and cord assembly to move the carrier wherein the carrier is biased such that the first action is to deploy the lens and then cause subsequent movement of the lens through an arc.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7243/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPROVING ULTRASOUND IMAGE QUALITY BY APPLYING WEIGHTING FACTORS

(51) International classification :A61B8/00,G01N29/24,G06T5/00
(31) Priority Document No :61/615735
(32) Priority Date :26/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033867
Filing Date :26/03/2013
(87) International Publication No :WO 2013/148673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CALL Josef R.
2)SPECHT Donald F.
3)BREWER Kenneth D.

(57) Abstract :
Systems and methods for improving the quality of ultrasound images made up of a combination of multiple sub images include giving more weight to sub image information that is more likely to improve a combined image quality. Weighting factor information may be determined from the geometry (e.g. angle or path length) of a location of one or more specific transducer elements relative to a specific point within a region of interest or a region of an image. In some embodiments any given pixel (or other discrete region of an image) may be formed by combining received echo data in a manner that gives more weight to data that is likely to improve image quality and/or discounting or ignoring data that is likely to detract from image quality (e.g. by introducing noise or by increasing point spread).

No. of Pages : 55 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7230/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MOTOR VEHICLE DOOR LOCK AND METHOD FOR ELECTRICALLY ACTUATING A LOCKING MECHANISM

(51) International classification :E05B81/14
(31) Priority Document No :10 2012 003 854.2
(32) Priority Date :29/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000104
Filing Date :26/02/2013
(87) International Publication No :WO 2013/127383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Hseler Platz 2 42579 Heiligenhaus Germany
(72)**Name of Inventor :**
1)BARMSCHEIDT Christian

(57) Abstract :
THE INVENTION RELATES TO A MOTOR VEHICLE DOOR LOCK AND TO A METHOD FOR ELECTRICALLY ACTUATING A LOCKING MECHANISM IN SAID TYPE OF MOTOR VEHICLE DOOR LOCK. SAID MOTOR VEHICLE DOOR LOCK COMPRISES A LOCKING MECHANISM AND AN ELECTRIC DRIVE (1 2 3) FOR THE LOCKING MECHANISM. IT ALSO COMPRISES AT LEAST ONE SIGNAL TRANSMITTER (8) FOR IMPINGING UPON THE ELECTRIC DRIVE (1 2 3). ACCORDING TO THE INVENTION A FIRST FLANK (F) AND ALSO A SECOND FLANK (F) OF A SIGNAL (S) GENERATED BY THE SIGNAL GENERATOR (8) ARE EVALUATED FOR CONTROLLING THE ELECTRIC DRIVE (1 2 3).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7231/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POWER PLANT AND METHOD FOR OPERATING A POWER PLANT FACILITY

(51) International classification :F01K7/22,F01K13/02,F01K7/24
(31) Priority Document No :12163194.9
(32) Priority Date :04/04/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056496
Filing Date :27/03/2013
(87) International Publication No:WO 2013/149900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany
(72)**Name of Inventor :**
1)BAUER G¼nter
2)PIEPER Norbert
3)THIERBACH Hans Ulrich
4)WECHSUNG Michael

(57) Abstract :
A power plant and a method for operating a power plant wherein the temperature at the output of the high pressure partial turbine is changed in partial load operation by throttling by means of the medium pressure valve.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7232/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TEST STRIP WITH STACKED UNIDIRECTIONAL CONTACT

(51) International classification :C12Q1/00,G01N27/327,G01N33/487
(31) Priority Document No :13/410609
(32) Priority Date :02/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/054216
Filing Date :01/03/2013
(87) International Publication No :WO 2013/128021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CILAG GMBH INTERNATIONAL
Address of Applicant :Landis + Gyr Strasse 1 CH 6300 Zug Switzerland
(72)**Name of Inventor :**
1)SLOSS Scott
2)BAIN Russell
3)WEBSTER Graeme

(57) Abstract :
An analytical test strip (ATT) for use with a test meter includes a first insulating layer with a first insulating layer upper surface and a first electrically conductive layer (ECL) disposed thereon. The first ECL includes a first electrode portion (EP) and an electrical contact pad in electrical communication with the first EP. The ATT also includes a patterned spacer layer disposed above the first ECL that includes (i) a distal portion defining a bodily fluid sample receiving chamber therein that overlies the first EP and (ii) an insulating proximal portion with an upper surface having a second ECL disposed thereon. The second ECL includes an interlayer contact portion and an electrical contact pad. A third ECL of the ATT includes a second EP and a proximal portion that overlies the interlayer contact portion. The second EP is disposed overlying and exposed to the sample receiving chamber in an opposing relationship to the first EP.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7233/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TSWV RESISTANT CAPSICUM PLANTS

(51) International classification :A01H1/00,A01H5/00,A01H5/10
(31) Priority Document No :12157881.9
(32) Priority Date :02/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/054143
Filing Date :01/03/2013
(87) International Publication No:WO 2013/127988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN LEEUWEN Loes
2)SUSIN ARRIETA Ignacio
3)GUIDERDONE Samantha M.
4)TURINA Massimo
5)CIUFFO Marina

(57) Abstract :
THE PRESENT INVENTION RELATES TO THE FIELD OF PEPPER BREEDING. PROVIDED ARE PLANTS WHICH ARE RESISTANT AGAINST A T RESISTANCE BREAKING PATHOTYPE OF TSWV. ALSO PROVIDED ARE PLANT PARTS SEEDS CELLS AND FRUITS THEREOF AND METHODS TO PRODUCE SUCH PLANTS.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7234/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TEST STRIP WITH STACKED UNIDIRECTIONAL CONTACT PADS AND INERT CARRIER SUBSTRATE

(51) International classification :C12Q1/00,G01N27/327,G01N33/487
(31) Priority Document No :13/410609
(32) Priority Date :02/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/054222
Filing Date :01/03/2013
(87) International Publication No :WO 2013/128026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Landis + Gyr Strasse 1 CH 6300 Zug Switzerland
(72)**Name of Inventor :**
1)SETFORD Steve
2)SLOSS Scott
3)RITCHIE Lawrence

(57) Abstract :
An analytical test strip with inert carrier substrate for use with a test meter includes an analytical test strip module and an electrochemically and electrically inert carrier substrate. The analytical test strip module has a first electrode portion a second electrode portion in an opposing relationship to the first electrode portion and first and second electrical contact pads configured in a stacked unidirectional configuration. The electrochemically and electrically inert carrier substrate has an upper surface and an outer edge. Moreover the analytical test strip module is attached to the upper surface of the electrochemically and electrically inert carrier substrate such that the first and second electrical contact pads extend beyond the outer edge of the electrochemically and electrically inert carrier substrate and such that the electrochemically and electrically inert carrier substrate extends beyond the analytical test strip module.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014
(21) Application No.7177/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMMUNICATION SYSTEM TRANSMISSION DEVICE CIRCUIT CONTROL DEVICE CIRCUIT CONDITION MONITORING METHOD AND NON TEMPORARY COMPUTER READABLE MEDIUM STORING A PROGRAM

(51) International classification :H04L29/04,H04M11/00
(31) Priority Document No :2012070785
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/007424
Filing Date :20/11/2012
(87) International Publication No :WO 2013/145048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAKAGAWA Koichi

(57) Abstract :
An object was to provide a communication system transmission device circuit control device circuit condition monitoring method data output control method and program whereby it would be possible for a circuit control device to ascertain the wireless circuit condition even in the case where the wireless relay device and circuit control device are different devices. A communication system comprises: a wireless transmission device (103) that terminates a wireless communication circuit (1); a wireless transmission device (105) that terminates a wireless communication circuit (2); and a circuit control device (101) that performs data communication with the wireless transmission devices (103) and (105). The wireless transmission devices (103) and (105) monitor the circuit condition of the wireless communication circuits (1) and (2) and report the circuit condition to the circuit control device (101). The circuit control device (101) controls the data that is output to the wireless transmission devices (103) and (105) in accordance with the circuit condition.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7178/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MOTOR CONTROL DEVICE AND CONTROL METHOD THEREFOR

(51) International classification :H02P21/00,B60L9/18,H02P27/04
(31) Priority Document No :2012045731
(32) Priority Date :01/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001047
Filing Date :25/02/2013
(87) International Publication No :WO 2013/128871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TANIGUCHI Shun
2)YASUI Kazuya
3)YUUKI Kazuaki
4)NAKAZAWA Yosuke

(57) Abstract :
The present invention addresses the problem of providing the following: a hoist whereby noise and vibration produced while said hoist is operating are reduced without making said hoist more difficult to assemble; and a dynamo electric machine provided with said hoist. [Solution] A hoist (M1) is provided with a rotating shaft (19) and a spider (18). A sheave (7) is affixed to the rotating shaft (19) around the axis thereof and the rotating shaft (19) is supported by bearings (4 5). The spider (18) is attached to a front end section (19f) of the rotating shaft (19). A front end section periphery part (19e) for attaching the spider (18) and a protrusion (19t) for attaching the spider (18) are formed on the aforementioned front end section (19f). Said protrusion (19t) extends axially from the front end side of the rotating shaft (19). An attachment part (18f) that attaches to the outside of the aforementioned protrusion (19t) on the rotating shaft side is formed in the spider (18) as is a rear end side extended part (18b) that attaches to the aforementioned front end section periphery part (19e).

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7179/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MULTI COMPONENT CONTAINER FOR SPRAY GUN

(51) International classification :B05B1/14,B05B7/24
(31) Priority Document No :61/608014
(32) Priority Date :07/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029707
Filing Date :07/03/2013
(87) International Publication No :WO 2013/134556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FINISHING BRANDS HOLDINGS INC.
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(72)**Name of Inventor :**
1)BURNS Marvin Dean

(57) Abstract :
A system may include a spray device (12) having a body (16) with a first liquid passage configured to flow a first liquid and a second liquid passage configured to flow a second liquid. The spray device (12) also may include a spray head configured to output a spray of the first liquid and the second liquid. In addition the spray device (12) may include a multi component container (202) coupled to the body wherein the multi component container comprises a first container portion having a first outlet configured to supply the first liquid to the first liquid passage and a second container portion having a second outlet configured to supply the second liquid to the second liquid passage and the first and second outlets are positioned in close proximity to one another.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7270/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BACTERIAL VACCINE

(51) International classification :A61K39/02,A61K39/108,A61K39/112
(31) Priority Document No :1206366.5
(32) Priority Date :11/04/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050910
Filing Date :09/04/2013
(87) International Publication No :WO 2013/153372
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GARCIA LARA Jorge
2)FOSTER Simon

(57) Abstract :
The disclosure relates to a composition comprising one two or more immunogenic bacterial polypeptides and mulitvalent and monovalent vaccine compositions comprising the immunogenic bacterial polypeptides.

No. of Pages : 45 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7158/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SODIUM BICARBONATE PRODUCT

(51) International classification :A23L1/304,A21D13/00,C01D7/00
(31) Priority Document No :1202797.5
(32) Priority Date :20/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050412
Filing Date :20/02/2013
(87) International Publication No :WO 2013/124652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MINTER Stephen John
3)BEST Edna Elaine
4)NEHMER Warren L

(57) Abstract :
A sodium bicarbonate product comprises particles containing sodium bicarbonate and an organic material that is a solid at ambient temperature. The particles have a structure comprised of individual crystallites of sodium bicarbonate attached together in the particle. More than 95% by volume of the particles have a size less than 200 μm. Particles of the product are hollow and are formed of an outer shell of the crystallites. The product may be used for example as a leavening agent in the production of cooked foods. The product may be produced by spray drying a solution or slurry dissolved organic material and dissolved sodium bicarbonate. The sodium bicarbonate may be present as a suspension.

No. of Pages : 76 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7159/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TWO COAT SINGLE CURE POWDER COATING

(51) International classification :C23C24/00,C23C28/00
(31) Priority Document No :61/613647
(32) Priority Date :21/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/070347
Filing Date :18/12/2012
(87) International Publication No :WO 2013/141915
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DECKER Owen
2)ROGOZINSKI Jeffrey
3)BREITZMAN Robert
4)CONCHA Carlos

(57) Abstract :
Methods and systems for coating metal substrates are provided. The methods and systems include sequential application of low flow and high flow powder coatings followed by a single simultaneous cure. The methods and systems include a marker that allows coating uniformity to be monitored and assessed during application. The described methods provide coatings with optimal surface smoothness and edge coverage.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7160/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EXHAUST FLAP DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M25/07,F01N3/04,F01N13/08
(31) Priority Document No :10 2012 103 374.9
(32) Priority Date :18/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/055422
Filing Date :15/03/2013
(87) International Publication No :WO 2013/156221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KHNEL Hans Ulrich
2)CORBACH Peter
3)SOVVA Elina

(57) Abstract :
Exhaust flap devices for an internal combustion engine are known having a flap housing (10) in which a duct (12) through which exhaust gas flows is formed an exhaust flap (14) which is arranged rotatably in the exhaust duct (12) and is mounted in the flap housing (10) an actuator (28) having an actuator housing (30) and an electric motor (32) by means of which the exhaust flap (14) can be driven and a coolant duct (42) which is formed in the flap housing (10) and at least partially surrounds the exhaust flap (14). In order to ensure sufficient cooling of an actuator by means of which the exhaust flap (14) is driven without further interfaces the coolant duct (42) in the flap housing (10) has a direct fluid connection to a coolant duct (44) in the actuator housing (30).

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7264/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HYDROPHILIZING PLASMA COATING METHOD

(51) International classification :B05D7/00,B05D3/14,B05D5/04
(31) Priority Document No :12000648.1
(32) Priority Date :01/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/000329
Filing Date :01/02/2013
(87) International Publication No :WO 2013/113518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Konrad Adenauer Ufer 101 50668 Kln Germany
(72)**Name of Inventor :**
1)G–RNE Martin
2)KORDICK Thomas

(57) Abstract :
The invention relates to a method for hydrophilizing surfaces of polymer workpieces. The method has a step (a) of pretreating the workpiece surfaces in a high frequency gas plasma which is produced on the basis of an inert gas in order to clean and activate the workpiece surfaces; a step (b) of precoating the pretreated workpiece surfaces with polyacrylic acid using a high frequency gas plasma made of a gas mixture said gas mixture being composed of an inert gas and a first gas made of biocompatible polymerizable carboxy group containing monomers; and a step (c) of subsequently coating the precoated workpiece surfaces using a second gas substantially containing acrylic acid monomers.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7265/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FUNCTIONALIZATION OF GRAPHENE HOLES FOR DEIONIZATION

(51) International classification :C02F1/44,B01D71/02,B01D69/10
(31) Priority Document No :13/422753
(32) Priority Date :16/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029361
Filing Date :06/03/2013
(87) International Publication No :WO 2013/138137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HO Gregory S.
2)BENNETT Rex G.
3)BEDWORTH Peter V.
4)STETSON JR. John B.

(57) Abstract :
A method for deionization of a solution the method comprising functionalizing plural apertures of a graphene sheet to repel first ions in the solution from transiting through the functionalized plural apertures. The non transiting first ions influence second ions in the solution to not transit through the functionalized plural apertures. The graphene sheet is positioned between a solution flow path input and a solution flow path output. Solution enters the solution flow path input and through the functionalized plural apertures of the graphene sheet resulting in a deionized solution on the solution flow path output side of the graphene sheet and a second solution containing the first ions and second ions on the solution flow path input side of the graphene sheet.

No. of Pages : 47 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7154/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE FOR SUPPLYING VOLTAGE TO THE CATHODE OF A MASS SPECTROMETER

(51) International classification :H01J49/02,H03L1/00
(31) Priority Document No :10 2012 203 141.3
(32) Priority Date :29/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/053550
Filing Date :22/02/2013
(87) International Publication No :WO 2013/127701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INFICON GMBH
Address of Applicant :Bonnerstr. 498 50968 Kln Germany
(72)**Name of Inventor :**
1)ROLFF Norbert

(57) Abstract :
A simplified device for voltage supply of the cathode of a mass spectrometer comprises a push-pull transformer, wherein, apart from the normal rectifier diodes (7, 9), a controlled rectifier (8, 10) is provided. The gate of the first transistor (8) is connected to the second output (30), and the gate of the second transistor (10) is connected to the first output (32) of the transformer. A voltage supply device, consisting of at least one voltage multiplier, is connected via capacitors (13, 14, 15) to the output of the transformer and feeds, amongst others, the emission current measurement device.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7155/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR DETERMINING THE MAXIMUM MASS PEAK IN MASS SPECTROMETRY

(51) International classification :H01J49/00,H01J49/28
(31) Priority Document No :10 2012 203 137.5
(32) Priority Date :29/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054055
Filing Date :28/02/2013
(87) International Publication No :WO 2013/127933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROLFF Norbert

(57) Abstract :
A fast method for determining molecular mass using mass spectrometry has the following steps: specifying a first adjusting value (Ml) of the mass spectrometer, recording the associated signal amplitude (Al), specifying a second adjusting value (M2) which is different to the first, measuring the associated second signal amplitude (A2), specifying a third adjusting value (M3) which is different to the first (Ml) and the second (M2) adjusting value, measuring the associated third signal amplitude (A3), determining a quadratic function containing the measured amplitude values as y-values and the specified adjusting values as x-values, determining the maximum of the quadratic function, wherein the searched adjusting value is determined from the x-value of the maximum.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7259/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR TREATING PRODUCTION EFFLUENTS OF AN AROMATIC COMPOUND DERIVED FROM DIHYDROXYBENZENE

(51) International classification :C02F1/52,C02F1/72,C02F11/10
(31) Priority Document No :12 52415
(32) Priority Date :16/03/2012
(33) Name of priority country :France
(86) International Application No:PCT/EP2013/055453
Filing Date :15/03/2013
(87) International Publication No :WO 2013/135885
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GAREL Laurent
2)SATIER Bertrand

(57) Abstract :
THE INVENTION CONCERNS A METHOD FOR TREATING AN AQUEOUS SOLUTION (A) DERIVED FROM A METHOD OF PRODUCING A COMPOUND WITH THE FORMULA (I): (I) WHEREIN R1 AND R2 ARE IDENTICAL OR DIFFERENT AND ARE CHOSEN FROM AMONG HYDROGEN AND C1 C5 ALKYL WHEREIN R1 AND R2 TOGETHER FORM A METHYLENE GROUP AND WHEREIN R3 R4 R5 AND R6 WHICH ARE INDEPENDENTLY IDENTICAL OR DIFFERENT ARE CHOSEN FROM AMONG: A HYDROGEN ATOM A HYDROXY GROUP (OH) AN ALKOXY GROUP (OR) AN ALCOHOL GROUP (ROH) AN ALDEHYDE GROUP (CHO) A CETONE GROUP (C(=0)R) AN ACID GROUP (COOH) A NITRILE GROUP (CN) A C1 C6 ALKYL CHAIN LINEAR OR BRANCHED SATURATED OR UNSATURATED POTENTIALLY COMPRISING ONE OR A PLURALITY OF SUBSTITUTES IN A TERMINAL OR LATERAL POSITION OR ONE OR MORE FUNCTIONS IN SAID ALKYL CHAIN R BEING A C1 C5 ALKYL CHARACTERISED IN THAT THE AQUEOUS SOLUTION (A) COMPRISES AT LEAST ONE SULPHATE SALT SO(S) RENDERED SOLUBLE AND AT LEAST ONE AROMATIC ORGANIC COMPOUND (O) FORMED DURING THE METHOD FOR PRODUCING THE COMPOUND (I) AND CHARACTERISED IN THAT THE METHOD COMPRISES AT LEAST ONE STEP (I) OF RECOVERING A SOLID SULPHATE SALT (S) IN AN AT LEAST PARTIALLY ANHYDRIDE FORM SEPARATELY FROM THE AQUEOUS SOLUTION (A).

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7260/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND DEVICE FOR TYRE PRESSURE TESTING

(51) International classification :G01L17/00
(31) Priority Document No :10 2012 205 495.2
(32) Priority Date :04/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/055708
Filing Date :19/03/2013
(87) International Publication No :WO 2013/149824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NOBIS Guenter
2)UFFENKAMP Volker

(57) Abstract :
The invention relates to a method for monitoring the pressure (p) in a tyre (2) of a moving vehicle. According to said method the length (L) of the tyre contact patch of the tyre (2) in the direction of travel (F) is determined and from said length (L) of the tyre contact patch the pressure (p) in the tyres (2) is determined.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7169/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRITYLATED ETHERS

(51) International classification :C07C43/23,C10L1/00,C10L1/185
(31) Priority Document No :61/642560
(32) Priority Date :04/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/038378
Filing Date :26/04/2013
(87) International Publication No :WO 2013/165839
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GREEN George David
2)SWEDO Raymond

(57) Abstract :
A compound having formula (PhC)Ar(GR) wherein Ph represents a phenyl group Ar is an aromatic ring system having from six to twenty carbon atoms; G is O S SO or SO; R is: (a) C C alkyl substituted by at least one of OH SH C C alkoxy and cyano; or (b) C C heteroalkyl; m is one or two; and n is an integer from one to four.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7172/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VEHICLE WITH MULTIPLE ELEVATION REMOVABLE HARD TOP AND SECURE STORAGE UNDERNEATH

(51) International classification :B60J7/08
(31) Priority Document No :61/591860
(32) Priority Date :28/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/023322
Filing Date :25/01/2013
(87) International Publication No :WO 2013/112957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MCAULIFF Patrick Albert

(57) Abstract :
A vehicle body with multiple elevation hard top has storage underneath and is capable of driving with the hardtop present or removed. A front passenger compartment has a front rooftop and a pair of rear quarter panel sides enclosing a rear of the vehicle body. A pair of removable side sections is disposed on and above respective of the two rear quarter panel sides and further enclosing the rear of the vehicle body. A hard rooftop is capable of setting upon and connecting to either one of said pair of removable side sections or the pair of rear quarter panel sides. A storage compartment is created underneath the hard rooftop and between the pair of rear quarter panel sides. The storage compartment is capable of holding at least said pair of removable side sections and also roof tops and the rear glass.

No. of Pages : 48 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7173/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ANALYTICAL METHOD FOR COMMON AND SPECIFIC CHARACTERIZATION OF SKIN CARCINOGENESIS BY FTIR MICROSPECTROSCOPY

(51) International classification :G01N21/35,A61B5/00
(31) Priority Document No :61/595050
(32) Priority Date :21/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EE2013/000001
Filing Date :21/02/2013
(87) International Publication No :WO 2013/123950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SKREBOVA Irina
(72)**Name of Inventor :**
1)EIKJE Natalja

(57) Abstract :
The invention presents methods of using Fourier transform infrared (FTIR) microspectroscopy for common and specific characterization of carcinogenesis in human skin tumors. The invention provides the user with the method to analyse intra and inter molecular interactions for nucleic acids and proteins expressed in infrared (IR) spectra of human skin epidermal cancers towards understanding the molecular cellular and tissue changes that occur during skin carcinogenesis. More particularly presented analytical method has the advantage to simultaneously observe DNA RNA DNA DNA DNA protein and protein protein interactions by means of their expressed interacting activity levels within one type of tumour and between different types of tumours both commonly and specifically with further indication of the grade of activity in benign premalignant and malignant skin tissue cells.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7278/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BENT AXIS TYPE AXIAL PISTON MOTOR

(51) International classification :F03C1/26
(31) Priority Document No :2012098631
(32) Priority Date :24/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/076308
Filing Date :11/10/2012
(87) International Publication No :WO 2013/161099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HORI Takashi
2)ASANO Teppei
3)HOSAKA Masayuki

(57) Abstract :
The objective of the present invention is to enable braking to be applied to a drive shaft when necessary without reducing the motor efficiency and while ensuring smooth rotation of the drive shaft. In this bent axis type axial piston motor the pressing force of a braking piston (92) is removed and the relative rotation of a separate plate (91) and a friction plate (90) is allowed when a drive shaft (20) is rotated via a cylinder block (30) due to the stroke movement of a piston rod (40) but when the separate plate (91) and the friction plate (90) are pressed against a braking force receiving plate (93) via the braking piston (92) the relative rotation of the separate plate (91) and the friction plate (90) is restricted thereby braking the drive shaft (20). In addition a restricting member (95) which restricts the movement of the braking force receiving plate (93) along the axis of the drive shaft (20) with respect to a casing (10) is interposed between the casing (10) and the braking force receiving plate (93).

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7252/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PACKAGING CONTAINING A CONSUMABLE

(51) International classification :B65D1/02
(31) Priority Document No :1201693.7
(32) Priority Date :31/01/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050138
Filing Date :23/01/2013
(87) International Publication No :WO 2013/114078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)COOPER Helen
2)COOPER Gavin

(57) Abstract :
Packaging containing an amount of a consumable (28) (e.g. an at least partially dehydrated foodstuff) the packaging comprising: a container (2) comprising an opening (10); and a closure (30) (e.g. an airtight seal) closing the opening (10); wherein the container (2) and the closure (30) define a cavity having a first volume; the consumable (28) is located in the cavity; the container (2) is expandable such that the container (2) may be expanded (e.g. due to the elasticity of the container) to be able to contain a second volume; and the second volume is greater than the first volume. The consumable (28) may be to be combined with an amount of liquid and the second volume may be greater than or equal to a volume occupied by the combination of the amount of the consumable (28) and the amount of the liquid.

No. of Pages : 52 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7253/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MALODOR NEUTRALIZING COMPOSITIONS CONTAINING ACIDS AND ALICYCLIC KETONES

(51) International classification :A61Q13/00,A61L9/01,C11B9/00
(31) Priority Document No :61/617749
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033927
Filing Date :26/03/2013
(87) International Publication No :WO 2013/148716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)JOHNSON Garry
3)BASILE Ketrin Leka
4)VERBICKA ROZITIS Inga
5)BELTHOFF Emily

(57) Abstract :
This disclosure relates to a malodor neutralizing composition containing (1) a cyclohexanone substituted with C C branched or unbranched alkyl or an unsaturated alicyclic ketone of formula (I) and (2) an acid selected from the group consisting of citric acid undecylenic acid and an acid of the formula (VIII): R COOH. Formulas (I) and (VIII)): R COOH are defined in the specification.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7254/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR CONTROLLING AN ARRANGEMENT FOR SUPPLYING ELECTRIC CURRENT TO A POWER SUPPLY SYSTEM

(51) International classification :H02J3/14,H02J3/28,H02J3/38
(31) Priority Document No :10 2012 204 220.2
(32) Priority Date :16/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054794
Filing Date :08/03/2013
(87) International Publication No :WO 2013/135592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BEEKMANN Alfred

(57) Abstract :
THE INVENTION RELATES TO A METHOD FOR CONTROLLING A SUPPLY ARRANGEMENT (1) WHICH HAS A WIND ENERGY INSTALLATION (2) FOR SUPPLYING ELECTRIC POWER TO AN ELECTRICAL POWER SUPPLY SYSTEM (22) COMPRISING THE FOLLOWING STEPS: ELECTRIC POWER (P) IS PRODUCED FROM WIND BY MEANS OF THE WIND ENERGY INSTALLATION (2) A FIRST PORTION (P) OF THE ELECTRIC POWER (P) PRODUCED IS SUPPLIED TO THE ELECTRICAL POWER SUPPLY SYSTEM (22) A SECOND PORTION (P) OF THE ELECTRIC POWER (P) PRODUCED IS SUPPLIED TO AN ELECTRICAL LOAD (6) FOR CONSUMING THE SUPPLIED SECOND PORTION (P) OF THE ELECTRIC POWER (P) PRODUCED AND WHEREIN ON THE BASIS OF AT LEAST ONE MONITORED SYSTEM STATE AND/OR ON THE BASIS OF THE PREVAILING WIND THE SECOND PORTION (P) OF THE ELECTRIC POWER (P) PRODUCED WHICH IS SUPPLIED TO THE LOAD (6) IS REDUCED WHOLLY OR IN PART AND THE FIRST PORTION (P) OF THE ELECTRIC POWER (P) WHICH IS SUPPLIED TO THE ELECTRICAL POWER SUPPLY SYSTEM (22) IS ACCORDINGLY INCREASED AND TO AN APPROPRIATE SUPPLY ARRANGEMENT.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7256/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SLUDGE TREATMENT FACILITY

(51) International classification :C02F11/00,C04B7/38
(31) Priority Document No :2012042786
(32) Priority Date :29/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054116
Filing Date :20/02/2013
(87) International Publication No :WO 2013/129199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TSUJI Kazuhide

(57) Abstract :
Provided is sludge treatment facility that can spray contaminated water evenly in water containing sludge that has been deposited in a sludge hopper. This sludge treatment facility (1) is provided with a contaminated water recovery mechanism (4) which comprises: a contaminated water recovery tank (3) for recovering contaminated water (6) resulting from cleaning either a sludge hopper (2) that stores water containing sludge (5) transported from a sewage treatment plant by truck (8) or pipes in the sludge treatment facility (1); and a contaminated water return pipe (7) that transports the water from the contaminated water recovery tank (3) to the sludge hopper (2). The water containing sludge (5) that is stored in the sludge hopper (2) is treated by a cement manufacturing process (13). A water spraying unit (7a) on the sludge hopper (2) side of the contaminated water return pipe (7) is disposed above the dropping position for the water containing sludge (5) into the sludge hopper (2) from the truck (8) such that the contaminated water (6) is sprayed onto the peak (5a) of the water containing sludge (5) that has collected within the sludge hopper (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7271/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DISPENSER COMPRISING ACTUATING PISTON AND OUTLET CHECK VALVE

(51) International classification :B05B11/00,B05B11/02
(31) Priority Document No :1203014.4
(32) Priority Date :22/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050439
Filing Date :22/02/2013
(87) International Publication No :WO 2013/124670
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ANDERSON Ian
2)EKMAN Matt

(57) Abstract :
A container assembly comprising a container a valve disposed in the container and an axially movable plunger element disposed axially rearward of the valve. The plunger element defines a first volume in the container between the plunger element and the valve. The valve comprises a permanent seal sealing the valve to the container about the entire perimeter of the valve and a channel bypassing the permanent seal and being in fluid communication with the atmosphere outside of the container assembly and being selectively sealed from the first volume by a resilient seal. The resilient seal is moveable from a sealing configuration to an open configuration upon fluid pressure in the first volume exceeding a first pressure threshold.

No. of Pages : 17 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7272/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVED SYRINGE ASSEMBLY

(51) International classification :A61M5/28,A61M5/315
(31) Priority Document No :1203015.1
(32) Priority Date :22/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050438
Filing Date :22/02/2013
(87) International Publication No :WO 2013/124669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CONSORT MEDICAL PLC
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1)ANDERSON Ian
2)EKMAN Matt

(57) Abstract :
A syringe assembly comprising a barrel for containing one or more medicaments a narrowed outlet for allowing the expulsion of said one or more medicaments from said barrel through said outlet; and a stopper disposed in the barrel defining and separating a first volume and a second volume within the syringe assembly. The stopper comprises a permanent seal fluidly sealing the stopper to the barrel about the entire perimeter of the stopper intermediate the first volume and second volume and a channel bypassing the permanent seal the channel having a first opening in fluid communication with the second volume and a second opening selectively sealed from the first volume by a resilient seal. The resilient seal is moveable between a sealing configuration and an open configuration to selectively seal the channel from the first volume where in the sealing configuration the resilient seal fluidly seals the stopper to the barrel so as to fluidly isolate said second opening of the channel from the first volume and in the open configuration the second opening of the channel is in fluid communication with the first volume. The resilient seal is moveable from the sealing configuration to the open configuration upon fluid pressure in the first volume or second volume exceeding a first pressure threshold.

No. of Pages : 31 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7273/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR LIMITING AN INRUSH CURRENT IN AN ELECTRICAL POWER CIRCUIT OF A MOTOR VEHICLE STARTER AND CORRESPONDING ELECTRICAL CIRCUIT CURRENT LIMITER AND STARTER

(51) International classification :F02N11/08,H02P1/04
(31) Priority Document No :1252015
(32) Priority Date :06/03/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050411
Filing Date :28/02/2013
(87) International Publication No :WO 2013/132173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LABBE Nicolas

(57) Abstract :
The invention relates to a method for limiting an inrush current which is implemented in an electrical power circuit (1) of a motor vehicle starter (15). The starter includes an electromagnetic contactor (12) and an electric motor (7) comprising motor windings (6) having a rated inductance (L). The method consists in controlling the rate of variation of the inrush current by means of an inductive element (8) inserted in series into the electrical power circuit (1). According to the invention an initial value of the variation rate is substantially separate from the rated inductance (L). According to another feature said initial value is a function of a coupling coefficient between a primary winding (8) and a secondary winding (10) of a transformer (9) the primary winding (8) of which constitutes said inductive element.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7275/DELNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :B28B7/06,B28B7/34
(31) Priority Document No :1202538.3
(32) Priority Date :14/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050354
Filing Date :14/02/2013
(87) International Publication No :WO 2013/121206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BRATTON Graham John
2)BROWN Roger Leslie

(57) Abstract :
In the moulding of cementitious articles a flexible plastics mould e.g. of LDPE may be used to permit de moulding of the articles e.g. by flexion of the mould. Moulds filled with hydraulically settable material may be supported in frames configured e.g. with plug and socket formations on upper and lower faces for cooperation with moulds to retain them in position and for cooperation with overlying and underlying frames to permit stacking.

No. of Pages : 34 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7165/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AXIAL PISTON MOTOR

(51) International classification :F03C1/253
(31) Priority Document No :2012285032
(32) Priority Date :27/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/081730
Filing Date :26/11/2013
(87) International Publication No :WO 2014/103590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FUNASAKA Arata
2)YAMAZAKI Tsutomu

(57) Abstract :
A nozzle (21) for spraying hydraulic oil is provided at the inner surface of a housing (1) at a position facing the outer peripheral surface of a cylinder block (4). During the rotation of the cylinder block (4) hydraulic oil is applied to the outer peripheral surface of the cylinder block (4) from the nozzle (21) and the hydraulic oil can draw frictional heat generated by the sliding between pistons (5) and cylinders (40). Consequently the seizure between the pistons (5) and the cylinders (40) can be prevented.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7166/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING DITHIINE TETRACARBOXIMIDES

(51) International classification :C07D495/14
(31) Priority Document No :12161009.1
(32) Priority Date :23/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055565
Filing Date :18/03/2013
(87) International Publication No :WO 2013/139736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GELLER Thomas
3)RODEFELD Lars
4)FORD Mark James
5)H–MBERGER G¼nter
6)HEINZ Dieter

(57) Abstract :
The present invention relates to a novel method for producing dithiine tetracarboximides by reacting succinic monoamides with thionyl chloride wherein at least one of the method steps is carried out continuously.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7167/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING MOTION BLURRING IN DIGITAL RADIOGRAPHY

(51) International classification :G06T5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/059578
Filing Date :23/05/2012
(87) International Publication No :WO 2013/174425
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AKUR VENKATESAN Varun
2)ISSANI Siraj
3)METHANI Chhaya
4)PRABHU Vishal

(57) Abstract :
The invention relates to a digital radiography system and a method of reducing motion blurring in digital radiography wherein the method comprises capturing at least one temporally coded blurred image (95) of an object (35) generated using a coded pattern (90) and generating a de blurred image (100) from the at least one temporally coded blurred image (95) using the coded pattern (90) and an estimate of a motion vector of the object (35) wherein the at least one temporally coded blurred image (95) is captured using a total amount of light (39) generated corresponding to at least a portion of a radiation (37) transmitted by the object (35).

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.7168/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ISOLATOR DECOUPLER WITH TORQUE LIMITER

(51) International classification :F16D3/52,F16D7/02,F16D41/20
(31) Priority Document No :13/414838
(32) Priority Date :08/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028278
Filing Date :28/02/2013
(87) International Publication No:WO 2013/134043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WARD Peter
2)SERKH Alexander
3)ALI Imtiaz
4)SCHNEIDER Dean

(57) Abstract :
An isolator decoupler comprising a pulley (5) the pulley journalled to a shaft (1) a torsion spring (6) having an end (61) engaged with the pulley (5) the torsion spring (6) loadable in an unwinding direction a one way clutch carrier (8) a one way clutch (14) disposed between the shaft (1) and the one way clutch carrier (8) a wrap spring (7) engagable with an inner surface (81) of the one way clutch carrier (8) the wrap spring (7) coupled to the torsion spring (6) and the wrap spring (7) loadable in the unwinding direction such that the wrap spring (7) through friction is able to lockably engage the inner surface (81) in a driving direction.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7281/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SLAG SUPPLY CONTAINER FOR ELECTRIC FURNACE FOR STEEL SLAG REDUCTION

(51) International classification :C21C5/28,C21C5/52,F27D15/00
(31) Priority Document No :2012144473
(32) Priority Date :27/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067660
Filing Date :27/06/2013
(87) International Publication No :WO 2014/003119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARADA Toshiya
2)ARAI Takashi
3)FUKUMURA Hiroki

(57) Abstract :
This slag supply container for an electric furnace for steel slag reduction is provided with: a container body that causes hot steel slag to flow toward the electric furnace; a slag discharging part connected to an electric furnace side slag supply opening; a slag receptacle that receives a supply of the hot steel slag; a lid that opens and closes the slag receptacle; an exhaust part that discharges exhaust gas from the electric furnace; and a tilting device that tilts the container body so as to adjust the amount of hot steel slag that flows into the electric furnace side slag supply opening.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7283/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NOVEL PIPERIDINE COMPOUND OR SALT THEREOF

(51) International classification :C07D401/14,A61K31/337,A61K31/4545
(31) Priority Document No :2012043303
(32) Priority Date :29/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055064
Filing Date :27/02/2013
(87) International Publication No :WO 2013/129443
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUGIMOTO Tetsuya
2)TAKAHASHI Hidekazu
3)MITSUYA Morihiro
4)MASUKO Norio
5)SOOTOME Hiroshi

(57) Abstract :
Provided are: a novel compound having an excellent Aurora A selective inhibitory activity and useful as an anti cancer agent that can be administered orally; a novel anti tumor effect enhancer for a microtube agonist comprising a taxane type anti cancer agent; and a combination therapy. A piperidine compound represented by general formula (I) (wherein R represents a carboxyl group C(=O)NRR or an oxadiazolyl group which may have a C C alkyl group or a trifluoromethyl group as a substituent; R represents a halogen atom or a C C alkoxy group; R represents a phenyl group which may have 1 to 3 groups independently selected from a halogen atom a C C alkyl group a C C alkoxy group and a trifluoromethyl group as a substituent or substituents; R represents a hydrogen atom or a C C alkyl group; and R and R may be the same as or different from each other and independently represent a hydrogen atom a C C alkyl group or a C C cycloalkyl group or R R and a nitrogen atom to which R and R are bound may together form a 3 to 6 membered nitrogenated saturated heterocyclic group) or a salt thereof.

No. of Pages : 85 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7284/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CEILING PANELS MADE FROM CORRUGATED CARDBOARD

(51) International classification :E04B9/00,E04B9/04
(31) Priority Document No :13/371886
(32) Priority Date :13/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025492
Filing Date :11/02/2013
(87) International Publication No :WO 2013/122850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YU Qing Claire
2)ENGLERT Mark

(57) Abstract :
An acoustical ceiling panel comprising a flat core and an acoustically transparent face sheet adhesively attached to one of two oppositely facing major sides of the core the core comprising a multitude of layers of corrugated fiberboard laminated together the corrugated fiberboard layers each having a corrugated medium adhesively attached to a flat liner board the corrugated medium forming regularly spaced flutes of curvilinear cross section the flutes of the layers of fiberboard being arranged in parallel directions extending perpendicularly to the major faces of the core.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7286/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A HAND HELD APPLIANCE

(51) International classification :A45D20/10,A45D20/12,F24H3/04
(31) Priority Document No :1205688.3
(32) Priority Date :30/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050697
Filing Date :19/03/2013
(87) International Publication No :WO 2013/144572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOLONEY Patrick
2)GAMMACK Peter

(57) Abstract :
Disclosed is a hand held appliance comprising at least one fluid inlet for admitting fluid into the appliance at least one fluid outlet for emitting fluid from the appliance at least one fluid flow path extending through the appliance a heater and a fluid chamber at least partially defined by an external wall of the appliance the chamber being configured to provide a thermally insulating barrier between the heater and the external wall. The heater may be located downstream of the fluid chamber. The chamber may extend about the heater. The heater may be annular in shape and the chamber may extend about an external periphery of the heater. The chamber may extend about an internal periphery of the heater. The appliance may comprise a body and a handle connected to the body and wherein the chamber is located within the body. The body may comprise a tubular wall defining a bore through which fluid flows through the appliance and wherein the fluid chamber is located between the external wall and the tubular wall.

No. of Pages : 56 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7287/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FORGED STEEL ROLL MANUFACTURING METHOD

(51) International classification :B22D23/10,C22C38/00,C22C38/22
(31) Priority Document No :2012035164
(32) Priority Date :21/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/000567
Filing Date :01/02/2013
(87) International Publication No :WO 2013/125162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SERA Tomoaki
5)YAMAGUCHI Hideyoshi

(57) Abstract :
This forged steel roll manufacturing method involves casting with the ESR method steel ingots which contain (in a mass%) C:0.3% or more Si:0.2% or more Cr:2.0 13.0% and Mo:0.2% or more and further contain Bi at 10 100 ppm by mass and forging the steel ingots and manufacturing rolls. By this means because freckle defects can be sealed near the center of the steel ingots the rolls can be stably used over a long time.

No. of Pages : 25 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7288/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : OPTICAL RECORDING MEDIUM DRIVE DEVICE TRACKING ERROR DETECTION METHOD

(51) International classification :G11B7/09
(31) Priority Document No :2012048977
(32) Priority Date :06/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/050804
Filing Date :17/01/2013
(87) International Publication No :WO 2013/132894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUZUKI Yuuichi

(57) Abstract :
To resolve the problems that come with increasing playback speed and to resolve the problems with phase difference between signals (A) and (B) and signals (C) and (D) generated reliant on pit depth while ensuring that tracking errors can be stably detected from reception signals that deteriorate along with increased recording density of the optical recording medium. [Solution] When the same divided areas (A) to (D) as with the DPD method are defined for a four way receiver and when binarized signals of the received signals of the areas (A) to (D) are designated as signals (A) to (D) the exclusive OR is calculated for: <1> an undelayed signal (A) and a delayed signal (C) <2> a delayed signal (A) and an undelayed signal (C) <3> an undelayed signal (B) and a delayed signal (D) and <4> a delayed signal (B) and an undelayed signal (D); and a tracking error signal is obtained based on the calculation (<1>+<3>) (<2>+<4>). The above described problems are thereby resolved.

No. of Pages : 65 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7188/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GAS TURBINE POWER PLANT WITH EXHAUST GAS RECIRCULATION

(51) International classification :F02C7/04,F01K13/02,F01K23/10
(31) Priority Document No :00272/12
(32) Priority Date :29/02/2012
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2013/053999
Filing Date :28/02/2013
(87) International Publication No :WO 2013/127901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HELLAT Jaan
3)WETTSTEIN Hans
4)PAYNE Robin

(57) Abstract :
What is described is a method for operating a gas turbine power plant, in which fresh air (2) is delivered to a compressor inlet (3) and is accelerated in the compressor inlet (3) and a recirculated first exhaust gas substream (21) is delivered into a region of the compressor inlet (3) in which the fresh air (2) is accelerated to an extent such that the difference between total pressure and static pressure in the fresh air (2) is greater than or equal to a pressure difference which is required in order to suck a target mass flow of the recirculated first exhaust gas substream (21) into the compressor inlet (3). What is described, further, is a gas turbine power plant with a gas turbine (6), the compressor inlet of which is divided into two sectors (3, 3) which the flow duct of the compressor (1) adjoins, a feeder for fresh air being connected to the first sector (3) and a recirculation line for recirculating the first exhaust gas substream (21) being connected to the second sector (3), and the second sector (3) reaching so close to the compressor (1) that, when the gas turbine (6) is in operation, the static pressure at the outlet of the second sector (3) is so low that the difference between total pressure and static pressure is greater than or equal to a pressure difference which is required in order to suck a target mass flow of the recirculated first exhaust gas substream (21) into the compressor inlet (3). 26

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7189/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF OPERATING A GAS TURBINE POWER PLANT WITH EXHAUST GAS RECIRCULATION AND CORRESPONDING GAS TURBINE POWER PLANT

(51) International classification :F02C3/34,F01D5/14,F02C6/08
(31) Priority Document No :00273/12
(32) Priority Date :29/02/2012
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2013/054022
Filing Date :28/02/2013
(87) International Publication No :WO 2013/127916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)DOEBBELING Klaus

(57) Abstract :
The invention relates to a method for operating a gas turbine (6), in which an oxygen-reduced gas (21) and fresh air (2) are delivered to a compressor (1) of the gas turbine (6) in a radially staged manner, the fresh air (2) being delivered via an outer sector (3) of the inlet cross section in relation to the axis of rotation of the compressor (1), and the oxygen-reduced gas (21) being delivered via an inner sector (3) of the inlet cross section in relation to the axis of rotation of the compressor (1). The invention relates, further, to a gas turbine power plant with a gas turbine (6) having a compressor inlet (3) which is followed by the flow duct of the compressor (1) and which is divided into an inner sector (3) and an outer sector (3), a feed for an oxygen-reduced gas being connected to the inner sector (3) of the compressor inlet (3), and a fresh air feed being connected to the outer sector (3) of the compressor inlet (3).

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7290/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF PREPARING A SULFURIZED ALKALINE EARTH METAL DODECYLPHENATE

(51) International classification :C07G99/00,C10M135/02,C10M159/22
(31) Priority Document No :61/596286
(32) Priority Date :08/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/024877
Filing Date :06/02/2013
(87) International Publication No :WO 2013/119623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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9)PERERA Jayasooriya

(57) Abstract :
A sulfurized alkaline earth metal (e.g. calcium) dodecylphenate is prepared by reacting (i) dodecylphenol with (ii) calcium hydroxide or calcium oxide in an amount of about 0.3 to about 0.7 moles per mole of dodecylphenol charged and (iii) an alkylene glycol in an amount of about 0.13 to about 0.6 moles per mole of dodecylphenol charged; and reacting the product of the first step with sulfur in an amount of about 1.6 to about 3 moles per mole of dodecylphenol charged; and thereafter optionally reacting the product with additional calcium hydroxide or calcium oxide and with carbon dioxide so as to form an overbased phenate. The product thus prepared has reduced levels of monomeric dodecylphenol.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7301/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORAL CARE IMPLEMENT HAVING FLEXIBLE HANDLE

(51) International classification :A46B5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/030114
Filing Date :22/03/2012
(87) International Publication No :WO 2013/141860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MINTEL Thomas
3)WECHSLER Andreas
4)HOHLBEIN Douglas
5)MULLER Jan Felix
6)SORRENTINO Alan
7)SPROSTA Al

(57) Abstract :
An oral care implement having a flexible handle. In one embodiment the invention can be an oral care implement comprising: a head; and a handle extending along a longitudinal axis and connected to the head the handle comprising: a main body integrally formed of a rigid material the main body comprising a rigid gripping section terminating in a bulbous body a rigid neck section terminating in a basin and a flexible strut having a first end connected to the bulbous body and a second end connected to a floor of the basin; a resilient material encasing the flexible strut; and the flexible strut and the resilient material forming a hinge about which the rigid neck section pivots relative to the rigid gripping section upon a force being applied to the head.

No. of Pages : 53 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7302/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WATER TREATMENT DEVICE

(51) International classification :C02F1/04,B01D1/16,B01D5/00
(31) Priority Document No :2012089708
(32) Priority Date :10/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/060281
Filing Date :04/04/2013
(87) International Publication No :WO 2013/154011
(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 :
A water treatment device (220) heats raw water and vaporizes a portion thereof in an evaporation part (34) and condenses the vaporized steam in a condensation area (240) to obtain condensed water. The water treatment device (220) is provided with: a heater (32) for heating the raw water; steam guiding parts (35 36) for guiding towards the condensation area (240) steam vaporized from the raw water heated by the heater (32); and a pipe (221) in which circulating water is guided from the condensation area (240) to the evaporation part (34) heat exchange between the circulating water and the steam guided to the condensation area (240) by the steam guiding parts (35 36) is induced and heat exchange between the circulating water and the raw water in the evaporation part (34) is induced.

No. of Pages : 47 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7303/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HYDRAULIC COMPOSITION WITH LOW CLINKER CONTENT

(51) International classification :C04B28/04,C04B18/08
(31) Priority Document No :1252095
(32) Priority Date :08/03/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/054140
Filing Date :01/03/2013
(87) International Publication No :WO 2013/131814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MARTIN Myl¨ne
2)BONY Elise
3)SCHWARTZENTRUBER Arnaud

(57) Abstract :
THE PRESENT INVENTION RELATES TO A HYDRAULIC BINDER COMPRISING IN PARTS BY MASS: (A) 40 TO 70 PARTS OF A PORTLAND CLINKER; (B) 30 TO 60 PARTS OF FLY ASH; (C) OPTIONALLY UP TO 30 PARTS OF AN INORGANIC MATERIAL OTHER THAN CLINKER OR THAN FLY ASH; (D) 2.5 TO 15 PARTS OF AN ALKALI METAL SALT EXPRESSED IN PARTS OF EQUIVALENT NAO RELATIVE TO 100 PARTS OF FLY ASH; AND (E) 2 TO 14 PARTS OF SULPHATE EXPRESSED IN PARTS OF SO RELATIVE TO 100 PARTS OF CLINKER; THE FLY ASH HAVING A DV97 LESS THAN OR EQUAL TO 40 M AND THE SUM OF (A) (B) AND (C) BEING EQUAL TO 100.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7304/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE FOR FINE MACHINING OF OPTICALLY EFFECTIVE SURFACES ON IN PARTICULAR SPECTACLE LENSES AND FLEXIBLE PRODUCTION CELL COMPRISING SUCH A DEVICE

(51) International classification	:B24B13/00,B24B27/00,B24B47/22
(31) Priority Document No	:10 2012 004 547.6
(32) Priority Date	:10/03/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2013/000249 :29/01/2013
(87) International Publication No	:WO 2013/135331
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WALLENDORF Steffen
2)SCH„FER Holger

(57) Abstract :
The invention relates to a polishing machine (14) for in particular spectacle lenses (L) comprising at least one workpiece spindle (20) protruding into a workspace (18) for a rotary drive of the spectacle lens (L) about a workpiece rotational axis (Cl) at least one feed device (22) for lowering and raising (ZI) a polishing tool (W) relative to the spectacle lens (L) an oscillation drive unit (24) for moving the feed device back and forth in an oscillation direction (X) which during the polishing runs substantially transversely to the workpiece rotational axis and a swivel drive unit (26) for swivelling the feed device about a swivel adjusting axis (B) which runs substantially perpendicular to the workpiece rotational axis and substantially normal to the oscillation direction. In order to provide a very compact and ergonomically designed polishing machine a swivel mechanism (28) is provided by means of which the feed device the oscillation drive unit and the swivel drive unit can be swivelled relative to the workpiece spindle away from a closed relative position in which the workspace is opened up into an open relative position and vice versa (swivel movement S).

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7184/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS OF TRANSMITTING ACCESS REQUESTS USING REDUCED RESPONSE INTERVALS AND RELATED MOBILE STATIONS AND BASE STATION SUBSYSTEMS

(51) International classification :H04W74/08
(31) Priority Document No :61/599591
(32) Priority Date :16/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/051254
Filing Date :15/02/2013
(87) International Publication No :WO 2013/121398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DIACHINA John Walter
2)WIDELL Daniel
3)SCHLIWA BERTLING Paul

(57) Abstract :
A method of operating a mobile station requesting uplink access from a base station subsystem includes transmitting a first access request to a base station subsystem and looking for an assignment message matching the first access request from the base station subsystem during a response interval after transmitting the first access request. When an assignment message is not received during the response interval a second access request is transmitted to the base station subsystem after expiration of a retransmission interval after transmitting the first access request with the retransmission interval being longer than the response interval.

No. of Pages : 56 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7185/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS OF OPERATING FORWARDING ELEMENTS INCLUDING SHADOW TABLES AND RELATED FORWARDING ELEMENTS

(51) International classification :H04L12/721,H04L12/717
(31) Priority Document No :13/412490
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/051627
Filing Date :01/03/2013
(87) International Publication No :WO 2013/132395
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MANGHIRMALANI Ravi

(57) Abstract :
A method may be provided to operate a forwarding element in a forwarding plane of a network including the forwarding plane and a control plane. The method may include receiving a packet through an input/output port of the forwarding element and attempting to match the packet with a flow table of the forwarding element. Responsive to the packet missing a match with the flow table the forwarding element may attempt to match the packet with a shadow table of the forwarding element. Responsive to the packet matching with the shadow table a new flow rule may be installed in the flow table based on a matching shadow rule from the shadow table. Related forwarding elements are also discussed.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7294/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMMUNICATION DEVICE CONTROL METHOD AND PROGRAM

(51) International classification :G06K19/07,G06K17/00
(31) Priority Document No :2012050016
(32) Priority Date :07/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054671
Filing Date :25/02/2013
(87) International Publication No :WO 2013/133058
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ICHIMARU Norihiro
3)TERUYAMA Katsuyuki

(57) Abstract :
This invention pertains to a communication device a control method and a program adapted to enable the reliable selection of a desired target. A contactless front end (CLF) sends to a target a polling command for selecting final target candidates received from a near field communications (NFC) reader makes a P2P application the highest priority target when selecting the final target candidates selects final target candidates selects a final target on the basis of a command other than the polling command received from the NFC reader and exercises control so as to lower the priority of the P2P application if the P2P application is not selected as the final target when the P2P application is selected as a final target candidate. This invention for example can be applied to a communication device corresponding to the NFC standard.

No. of Pages : 103 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7295/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TURBINE BLADE AND ASSOCIATED METHOD FOR PRODUCING A TURBINE BLADE

(51) International classification :F01D11/00,F01D5/14
(31) Priority Document No :12162103.1
(32) Priority Date :29/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056594
Filing Date :27/03/2013
(87) International Publication No :WO 2013/144245
(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 invention relates to a turbine blade (10) comprising a fastening section (14) a platform (16) and a blade (18) which follow one another along a longitudinal axis (12) of the turbine blade (10) wherein the platform (16) in radial relation to the longitudinal axis (12) comprises an inner platform part (22) and an outer platform part (24) wherein the outer platform part (24) is designed as a closed platform frame (28) that encloses the outer edge (26) of the inner platform part (22). The invention further relates to an associated method for producing a turbine blade.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7298/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SCAFFOLD SYSTEM FOR TISSUE REPAIR

(51) International classification :A61L27/56,A61L27/58,A61L27/14
(31) Priority Document No :61/598125
(32) Priority Date :13/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025829
Filing Date :13/02/2013
(87) International Publication No :WO 2013/122981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BAILEY Steven R.

(57) Abstract :
A device for treating a damaged tissue includes an expandable scaffold positionable in a portion of a luminal tissue structure of a mammal; and maintained via stent technology wherein the scaffold is comprised of electrospun fibers composed of a biodegradable compound. The scaffold serves as a temporary template that allows the tissue to be rebuilt.

No. of Pages : 55 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.3094/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RECOVERY OF WASTE HEAT FROM AIR CONDITIONERS TO GENERATE ELECTRICITY

(51) International classification :C09K
(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

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(57) Abstract :
The present invention is a process for the recovery of waste heat from air conditioners for electricity generation. The coil of air conditioners is dipped into an insulated water container. The insulated container can be of made of any rubber, plastic or any other bad conductor for storing the heat generated by the air conditioner. This preheated water can be used in boilers for electricity generation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.3096/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROTOTYPE HUMAN TRANSPORT VEHICEL FOR UNKNOWN TERRAINS

(51) International classification :H03H
(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

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(72)**Name of Inventor :**
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2)SINGAL, PARUL

(57) Abstract :
The present invention discloses a transport vehicle for unknown terrains working on the principal of sequential rising of the centre of gravity (CG) provided by the consecutive action of the wheels. The device is capable of overcoming obstacles instead of avoiding them. The device is designed that could effectively conquer unstructured environments. This is possible because of the torque generated by the slow speed of the vehicle. Normally a vehicle can climb height equal to the radius of the wheel. The device can climb height of approximately thrice the height of the wheels. The present invention consumes less power and achieves remarkable rough terrain mobility.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7312/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/40
(31) Priority Document No :10 2012 206 582.2
(32) Priority Date :20/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/057557
Filing Date :11/04/2013
(87) International Publication No :WO 2013/156377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SCHENK Michael

(57) Abstract :
The invention relates to a method for operating an internal combustion engine (12) comprising at least two cylinders (14; 16) fuel being injected from a pressure accumulator (22) into combustion chambers associated with the at least two cylinders (14; 16). The method is characterised by the following steps: setting a quantity of fuel (54) that is injected into a combustion chamber of a first cylinder (16) during a first injection to a desired value; measuring a first change (52a 52b) in a fuel pressure (26) in the pressure accumulator (22) said first change resulting from the first injection of fuel from the pressure accumulator (22) into the combustion chamber of the first cylinder (16); measuring a second change (52a 52b) in a fuel pressure (26) in the pressure accumulator (22) said second change resulting from a second injection of fuel from the pressure accumulator (22) into a combustion chamber of a second cylinder (14); executing a further injection of fuel into the combustion chamber of the second cylinder (14) as a function of the first change (52a 52b) in the fuel pressure (26) and/or of the second change (52a 52b) in the fuel pressure (26) in particular in order to approximate or equalise the second change in the fuel pressure to the first change in the fuel pressure.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7313/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VEHICLE ANTILOCK BRAKING DEVICE AND METHOD

(51) International classification :B60T8/176,B60T8/32
(31) Priority Document No :201210052941.0
(32) Priority Date :02/03/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/071993
Filing Date :28/02/2013
(87) International Publication No :WO 2013/127348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LI Jianpeng
3)XU Bin
4)FRANKE Mirko

(57) Abstract :
Disclosed is a vehicle antilock braking device comprising: a mechanical braking unit (1) a wheel speed sensor (2) a microcontroller (3) and an antilock actuating unit (4) wherein the mechanical braking unit comprises a brake wire (12). Further disclosed is a vehicle antilock braking method. The method uses the microcontroller (3) to detect if the vehicle wheels have locked up and by controlling the antilock actuating unit (4) an antilock tension pulling on the brake wire (12) is generated to timely reduce the braking force causing vehicle wheels to lock up. The device has a simple structure and is low cost. The method is simple and practical to use and effectively prevents the vehicle wheels from locking up.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7134/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPARATUS AND METHOD FOR EFFICIENT STATOR WINDINGS TERMINATION

(51) International classification :H02K15/04,H02K3/04
(31) Priority Document No :61/600787
(32) Priority Date :20/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026887
Filing Date :20/02/2013
(87) International Publication No :WO 2013/126419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FINKLE Louis

(57) Abstract :
A method and apparatus for terminating stator windings 12. The apparatus includes stator winding termination disks 10 having U shaped winding mouths 14 for each group of stator winding ends 12. After winding the stator the stator winding termination disks 10 are laid placed the termination end of the stator the unterminated stator windings 12 for one phase of the stator are placed into the U shaped winding mouths 14 the U shaped winding mouths 14 are crimped over the unterminated stator windings 12 and pressure and heat are applied to melt insulation on the unterminated stator winding ends 12 and form an electrical connection between the stator winding termination disks 19 and stator windings for each phase of the stator and for common.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7136/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FIBER OPTIC CONNECTOR

(51) International classification :G02B6/38,G02B6/255
(31) Priority Document No :2012200411999
(32) Priority Date :09/02/2012
(33) Name of priority country :China
(86) International Application No :PCT/IB2013/050749
Filing Date :29/01/2013
(87) International Publication No :WO 2013/118025
(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 :
A fiber optic connector comprises a fiber splicing unit a fiber fixing unit and a fiber boot. The fiber fixing unit has a fiber boot fixing portion by which the fiber fixing unit is coupled to the fiber boot. A first end of the fiber fixing unit is connected with the fiber splicing unit a second end of the fiber fixing unit is provided with a groove for receiving a fiber cable to be spliced. A fiber cable fixing portion for fixing the fiber cable is provided on the groove.In the present invention the operation of splicing a fiber of the fiber cable to another fiber is simple and convenient.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7137/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESSES FOR CONVERTING HYDROGEN SULFIDE TO CARBON DISULFIDE

(51) International classification :C07C2/86,C25B1/24,C07B39/00
(31) Priority Document No :61/599498
(32) Priority Date :16/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025706
Filing Date :12/02/2013
(87) International Publication No :WO 2013/122916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TURNER William J.

(57) Abstract :
Processes for forming carbon disulfide from a gas stream containing hydrogen sulfide. A gaseous stream comprising lower molecular weight alkanes and hydrogen sulfide may be contacted with sufficient bromine at a temperature of from about 250° C. to about 530° C. to convert substantially all of said hydrogen sulfide to carbon disulfide. The gaseous stream may contain from about 0.001 to about 20 mo! % hydrogen sulfide. The molar ratio of bromine to hydrogen sulfide may be about 2:1.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7138/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPOSITE PANEL

(51) International classification :B32B5/02,B32B27/02,B32B27/12
(31) Priority Document No :12158814.9
(32) Priority Date :09/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/054575
Filing Date :07/03/2013
(87) International Publication No :WO 2013/131996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)WIENKE Dietrich
3)MARISSEN Roelof
4)VAN PUTTEN Koen
5)HENDRIX Joke

(57) Abstract :
Composite panel comprising at least one layer containing at least one tape comprising a thermoplastic polymer selected from the group consisting of polyolefins polyesters polyvinyl alcohols polyacrylonitriles polyamides or polyketone wherein the tape has a tensile strength of at least 1.2 GPa and an areal density of between 5 and 150 g/m and an adhesive in contact with said layer whereby the amount of the adhesive in contact with one side of the at least one layer is between 0.2 and 15 g/m wherein the adhesive is a plastomer wherein said plastomer is a random copolymer of ethylene or propylene and one or more C to C a olefin co monomers and wherein said plastomer has a density as measured according to 1801183 of between 860 and 930 kg/m. In a preferred embodiment the tape comprises an ultra high molecular weight polyethylene. The composite panel is used in a ballistic resistant article.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7323/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A BEVERAGE PREPARATION MACHINE WITH CLEANABLE BREWING HEAD

(51) International classification :A47J31/36,A47J31/60
(31) Priority Document No :12159788.4
(32) Priority Date :16/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055499
Filing Date :18/03/2013
(87) International Publication No :WO 2013/135901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TALON Christian
2)YOAKIM Alfred

(57) Abstract :
The present invention concerns a beverage preparation machine (1) for preparing a beverage from a food substance contained in a capsule (12) by injection of a fluid into said capsule (12) said machine comprising: a capsule holder (8) for holding a capsule said holder (8) having a cup shaped body (27) a handle portion (28) and a dispensing opening (29) through the bottom portion (30) of said body (27); a fluid conduction system comprising a fluid reservoir (2) a fluid pump optionally a fluid heater said reservoir pump and heater being connected by fluid pipes; a brewing head (3) having an aperture for receiving said capsule holder (8) and an injection support (17) connected to the fluid conduction system; an injection plate (18) supported by said support (17) said injection plate (18) comprising an upper surface (23) with a fluid coupling (32) connected to the fluid conduction system through said support said injection plate (18) further comprising a fluid conducting channel (24) connecting the fluid coupling (32) to a fluid injection element (19) located in the lower surface (22) of said injection plate (18) such that said injection element (19) is able to inject fluid into the capsule (12) characterized in that said injection plate (18) further comprises at least one cleaning channel (21) independent from the fluid conducting channel (24) connecting its upper (23) and lower (22) surfaces said cleaning channel(s) (21) being suitable for circulating fluid at least from the lower surface (22) towards the upper surface (23) of said injection plate (18).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.3073/DEL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EXFOLIATED GRAPHITE SEPARATOR BASED ELECTROLYZER FOR HYDROGEN GENERATION

(51) International classification :H01M
(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

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5)L. BABU
6)R. VASUDEVAN
7)P. SARANGAN
8)R. PARTHASARATHY

(57) Abstract :
The present invention relates to an electrolyzer having separator plates made from exfoliated graphite as reactant flow field plate. The invention also includes a process of generating hydrogen using exfoliated graphite plate as reactant flow field plate in depolarizer assisted PEM water electrolyzer under pulse DC operation. It comprises of a plurality of fabricated Membrane Electrode Assembly (MEA)(I), placed inbetween anode and cathode separator (3), current collector(4) separated by gaskets1 insulator plates (7). All these cell components are assembled together with anode & cathode end plates (6). Here the separator plates act as flow field plates (3) which is made up of embossed exfoliated graphite material. The electrolyser incorporating the EFG plates afford cost reduction and efficient for hydrogen generation. This invention is the first of its kind to have used carbon based separator plates in electrolysis of depolarized water without the issue of carbon corrosion normally encountered in electrolysers operating on water.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7309/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF MODIFYING ACCESS CONTROL FOR WEB SERVICES USING QUERY LANGUAGES

(51) International classification	:G06F15/16,G06F15/173,G06F17/30
(31) Priority Document No	:13/423795
(32) Priority Date	:19/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/032751 :18/03/2013
(87) International Publication No	:WO 2013/142399
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
Embodiments of the claimed subject matter provide a method of controlling access to resources in a social graph. One embodiment of the method includes receiving information for configuring a query in response to a service being invoked. The service is configured to use the query to request access to resources associated with a node in a portion of a social graph associated with a first user. The method also includes associating the query with the node. The query operates on the resources associated with the node and returns information indicating whether a request to access the resources is granted or denied depending on a current state of the social graph.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7310/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF FILTERING APPLICATIONS

(51) International classification :H04L29/06
(31) Priority Document No :12158874.3
(32) Priority Date :09/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/054039
Filing Date :28/02/2013
(87) International Publication No :WO 2013/131801
(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 :
A method of configuring a graphical user interface in a computing device the device comprising a collection of applications (14) wherein the computing device is connected to a network the method comprising: determining (16) for each application a list of services required by the application to be executed determining (18) a collection of available resources as the resources able to be accessed by the computing device through the network a resources being able to provide a service comparing (15) the list of services required by each application with the services provided by the collection of available resources so as to find a match for each required service of the list of the said application within the collection of available resources and generating (24) a list of operational applications an operational application being an application for which each required service has a match provided by the available resources.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7311/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CLAMPING CLAW FOR FIXING A FUEL INJECTOR TO A CYLINDER HEAD ON AN INTERNAL COMBUSTION ENGINE ARRANGEMENT COMPRISING A CLAMPING CLAW AND FUEL INJECTION SYSTEM COMPRISING A CLAMPING CLAW

(51) International classification :F02M61/14,F02M61/16
(31) Priority Document No :10 2012 206 486.9
(32) Priority Date :19/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/055268
Filing Date :14/03/2013
(87) International Publication No :WO 2013/156215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)HORN Matthias
8)SCHWARZ Thomas
9)STOECKLEIN Wolfgang
10)PAUER Thomas
11)AMELANG Stephan
12)ZERLE Lorenz
13)RETTICH Andreas
14)RUECKLE Markus
15)WACHTER Philipp
16)BEIER Marco
17)SIAUW Sven

(57) Abstract :
The invention relates to a clamping claw (1) for fixing a fuel injector (2) to a cylinder head (3) of an internal combustion engine comprising a first bore (4) for receiving a clamping screw (5) and at least one other bore (6) for forming a high pressure channel said other bore (6) running substantially perpendicular to the first bore (4). According to the invention the other bore (6) passes through the clamping claw (1) and extends from a first lateral surface (7) to a second lateral surface (8) which is substantially parallel to the first lateral surface (7) such that the other bore (6) can be connected to a bore (6) which is likewise used as a high pressure channel of another clamping claw (1) and/or a high pressure pump via a high pressure line (9). The invention further relates to an arrangement and a fuel injection system comprising such a clamping claw and to the use of a clamping claw as a high pressure accumulator.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7224/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FUNGICIDAL PYRIMIDINE COMPOUNDS

(51) International classification :C07D239/70,C07D239/94,A01N43/54
(31) Priority Document No :12153767.4
(32) Priority Date :03/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/051718
Filing Date :30/01/2013
(87) International Publication No :WO 2013/113715
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)LOHMANN Jan Klaas
8)MONTAG Jurith

(57) Abstract :
The present invention relates to fungicidal pyrimidine compounds I to their use and to methods for combating phytopathogenic fungi. The present invention also relates to seeds treated with at least one such compound. Furthermore the invention relates to processes for preparing compounds of formula I.

No. of Pages : 66 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7226/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AGROCHEMICAL COMPOSITIONS

(51) International classification :A01N61/00,A01P3/00,A01P13/00
(31) Priority Document No :61/605196
(32) Priority Date :01/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/053933
Filing Date :27/02/2013
(87) International Publication No :WO 2013/127853
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PEOPLES Scott

(57) Abstract :
The present invention related to an agrochemical composition comprising at least one protoporphyrinogen IX oxidase inhibitor as defined in the claims and description and at least one inhibitor of complex II of the respiratory chain as defined in the claims and description. The invention further relates to the use of this composition for controlling undesired vegetation for the desiccation and/or defoliation of plants for controlling phytopathogenic fungi and for increasing the health of plants. The invention further relates to a method for controlling undesired vegetation to a method for the desiccation and/or defoliation of plants to a method for controlling phytopathogenic fungi and to a method for increasing the health of plants by using said composition.

No. of Pages : 61 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7227/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MOTOR VEHICLE DOOR LOCK

(51) International classification :E05B65/32
(31) Priority Document No :10 2012 003 743.0
(32) Priority Date :28/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000103
Filing Date :26/02/2013
(87) International Publication No :WO 2013/127382
(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 invention relates to a motor vehicle door lock comprising a locking mechanism at least one locking lever (3) and an electric drive (5 6 7) for the locking mechanism. In normal operation said electric drive (5 6 7) acts upon the locking mechanism for an electric opening. Additionally the electric drive (5 6 7) allows the locking mechanism to be mechanically opened at least for an emergency operation. According to the invention said locking lever (3) remains in the normal operation in the locked position also when opened electrically.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7228/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PREPARING HUMAN IMMUNOGLOBULIN

(51) International classification :C07K16/06,C07K1/36,C07K1/18
(31) Priority Document No :201210041098.6
(32) Priority Date :22/02/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/071754
Filing Date :22/02/2013
(87) International Publication No :WO 2013/123889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)WU Peng
6)LI Zelin
7)LAN Xueyuan

(57) Abstract :
The present invention provides a method for preparing human immunoglobulin comprising such steps as: dissolution of Cohn component I++II or Cohn component II+II caprylic acid precipitation first step anion exchange chromatography IgM precipitation second step anion exchange chromatography ultrafiltration or dialysis preparation and inactivation of virus; as a result high purity human immunoglobulin is obtained through the preparation. Also provided is a human immunoglobulin prepared through the method and a pharmaceutical combination. The preparation method of the present invention is simple has a low cost and has a good industrial application prospect.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014
(21) Application No.7229/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF REGENERATING AROMATIZATION CATALYSTS

(51) International classification :B01J23/96,B01J29/90,C10G35/095
(31) Priority Document No :13/412399
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028533
Filing Date :01/03/2013
(87) International Publication No :WO 2013/134055
(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 :
Methods for treating or rejuvenating a spent catalyst are disclosed. Such methods can employ a step of halogenating the spent catalyst followed by decoking the halogenated spent catalyst. The halogenation step can utilize fluorine and chlorine together or fluorine and chlorine can be applied sequentially.

No. of Pages : 67 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7346/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYETHERIMIDES METHODS OF MANUFACTURE AND ARTICLES FORMED THEREFROM

(51) International classification :C08G73/10,C08L79/08,C08J5/00
(31) Priority Document No :12382118.3
(32) Priority Date :30/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/034262
Filing Date :28/03/2013
(87) International Publication No :WO 2013/148944
(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 :
Polyetherimide compositions are described wherein the polyetherimide composition comprises a polyetherimide comprising a reacted combination of alkali metal salts comprising an alkali metal salt of a dihydroxy aromatic compound and an alkali metal salt of a monohydroxy aromatic compound with a bis(halophthalimide) wherein the alkali metal salt of the monohydroxy aromatic compound is included in an amount of greater or equal to 5 mole percent based on the total moles of the alkali metal salts and the polyetherimide has a weight average molecular weight less than 43,000 Daltons and a melt flow index of greater than 22 g/10 min when determined according to ASTM D1238, at 337°C/6.6 kg. The polyetherimide exhibits lower levels of chlorine and chlorine end groups lower levels of bis(halophthalimide) and bis(phthalimide) and low plate out during manufacturing.

No. of Pages : 64 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014
(21) Application No.7333/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORDER PICKERS

(51) International classification :B66F9/10
(31) Priority Document No :1204387.3
(32) Priority Date :12/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/000099
Filing Date :08/03/2013
(87) International Publication No :WO 2013/136036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BROWN Simon Mark

(57) Abstract :
An order picker (10; 210) comprising a body section (12; 112; 212) having a pair of ground engaging wheels (14) and a first lift mechanism (30) pivotally mounted to one end of the body section (12; 112; 212) about a vertical pivot (38), one or more ground engaging wheels (40) being provided on the first lift mechanism (30), means (50, 52, 54) being provided for pivoting the first lift mechanism (30) relative to the body section (12; 112; 212) whereby the order picker (10; 210) may be steered, an open cab (70; 170; 324) being provided on the body section (12; 112; 212) whereby an operative may have access to stacks on either side of the order picker (10; 210), wherein the cab (70; 170; 324) being mounted to the body section (12; 112; 212) on a second lift mechanism (72; 172; 272) by which the cab (70; 170; 324) may be raised and lowered with respect to the body section (12; 112; 212) independently of the first lift mechanism (30); and a receptacle (78; 178) onto or into which picked items may be placed, the receptacle (78; 178) being mounted on the cab (70: 170; 324) on the end thereof remote from the end of the body section (12; 112; 212) to which the first lift mechanism (30) is mounted.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7334/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE FOR CONDUCTING EXHAUST GAS IN AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M25/07,F28F9/02,F28F27/02
(31) Priority Document No :10 2012 104 545.3
(32) Priority Date :25/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/059027
Filing Date :30/04/2013
(87) International Publication No :WO 2013/174629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)SUTTY Patrick

(57) Abstract :
Devices for conducting exhaust gas in an internal combustion engine comprising a heat exchanger (12) having an inner housing (39) and an outer housing (34) a bypass flap (56) a mixing housing (10) in which the bypass flap (56) is supported and which is fastened to the heat exchanger (12) a first valve seat (60) which is formed on the mixing housing (10) and on which the bypass flap (56) lies in the state in which the bypass is closed and a second valve seat (62) on which the bypass flap (56) lies in the state in which the heat exchanger (12) is closed are known. In order to guarantee the easiest possible installation of the second valve seat without having to machine the mixing housing (10) a collar (64) that forms the second valve seat (62) is formed on the inner housing (39) of the heat exchanger (12).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7335/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONTROL VALVE FOR INSTALLING ON AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M25/07,F02D29/04
(31) Priority Document No :10 2012 104 612.3
(32) Priority Date :29/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/059482
Filing Date :07/05/2013
(87) International Publication No :WO 2013/178442
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIEBRANDT Sabine

(57) Abstract :
The invention relates to control valves for installing on an internal combustion engine comprising a housing (10) with an inlet (12) and an outlet (14) a control body which controls a passage (18) between the inlet (12) and the outlet (14) an actuating element to which the control body is fixed an actuator (32) via which the actuating element can be moved and which is fixed to the housing (10) and a heat shield (26) which is arranged between the actuator (32) and the internal combustion engine. In general the heat shields are separately produced attachment parts. The aim of the invention is to simplify the assembly and production. This is achieved in that the heat shield (26) is integrally formed with the housing (10) of the control valve.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7336/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A CENTRE WHEEL FOR WINDING UP A DUCT OR CABLE ON A STABILIZING CENTRE CORE

(51) International classification :B65H75/22,B65H49/30,B65H54/56
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/050405
Filing Date :13/04/2012
(87) International Publication No :WO 2013/154481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LARSSON Mikael

(57) Abstract :
The present invention relates to a centre wheel for winding up a duct or cable on a stabilizing center core. The centre wheel has a first and a second end. The centre wheel comprises a first plate element arranged at the first end of the centre wheel. The centre wheel further comprises at least three curved plate elements extending between the first plate element and the second end and arranged at angular distance around a centre axis of the centre wheel so that the stabilizing center core can be fit in a space between the first plate element and the curved plate elements whereby a duct or cable that is wound around the third plate elements is supported by the third plate elements and by the stabilizing centre core in gaps between the third plate elements.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7236/DELNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :F16L55/162
(31) Priority Document No :61/603360
(32) Priority Date :26/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027791
Filing Date :26/02/2013
(87) International Publication No :WO 2013/126925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DHULSTER Gerald

(57) Abstract :
An apparatus and method that accelerates curing of resin in a liner for a buried pipe includes an air inversion unit connected to an air compressor. The apparatus includes an inversion head with an interior inflatable plug. The plug when inflated creates a substantially airtight seal thereby maintaining pressure within the liner tube. The inversion head can then be removed from the liner inversion apparatus and a curing cap can be installed. To improve the wetting process a vacuum head is installed at the inversion head and connected to a vacuum source. One end of the liner tube is attached to the inversion head and curable resin is poured into the opposite end. Vacuum pressure is applied to assist in the movement of the resin through the liner tube ensuring uniform saturation. The resin is mechanically manipulated through the liner tube as the vacuum pressure is applied.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7237/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR THE REMOVAL OF CONTAMINANT FROM A HYDROCHLOROFLUOROOLEFIN BY EXTRACTIVE DISTILLATION

(51) International classification :C07C17/386
(31) Priority Document No :61/605883
(32) Priority Date :02/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027205
Filing Date :22/02/2013
(87) International Publication No :WO 2013/130342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WISMER John A.

(57) Abstract :
A method for removing a contaminant from a hydrochlorofhioroolefin (such as trans 1 1 1 trifluoro 3 chloro 2 propene (1233zd(E))) includes extracting a chlorofluorocarbon (such as trichlorofluoromethane (R11)) from a mixture comprising the hydrochlorofhioroolefin and the chlorofluorocarbon using extractive distillation in the presence of an extractive solvent comprising a chlorinated compound to form a purified hydrochlorofhioroolefin. This separation method provides for removal of a contaminant such as R11 from a hydrochlorofhioroolefin such as 1232zd(E) which are not separable by conventional distillation methods. The method may employ a process utilizing two distillation columns for example a first extractive distillation column and a second solvent recovery column which allows for recycle of the extractive solvent to the first extractive distillation column.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014
(21) Application No.7238/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMMUNICATION CONTROL DEVICE COMMUNICATION CONTROL METHOD AND BASE STATION

(51) International classification :H04W16/16,H04W16/32,H04W84/10
(31) Priority Document No :2012047867
(32) Priority Date :05/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/051862
Filing Date :29/01/2013
(87) International Publication No :WO 2013/132920
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAWAI Ryo

(57) Abstract :
To provide a more suitable system for controlling interference between a macrocell and a small cell. [Solution] Provided is a communication control device provided with the following: a determination unit that determines whether a small cell that at least partially overlaps a macrocell in a wireless communication system is in closed access mode or open access mode; an identification unit that if it has been determined that the aforementioned small cell is in closed access mode identifies a user terminal connected to the aforementioned macrocell to be protected from interference resulting from wireless signals from the small cell; and an interference control unit that sends an interference control signal to the base station of the small cell so as to minimize interference affecting the user terminal identified by the identification terminal.

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7358/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTROTYPE FOR FORMING AN IMAGE DURING A PAPER MAKING PROCESS

(51) International classification :D21F1/44,D21F9/04
(31) Priority Document No :1201001224
(32) Priority Date :19/03/2012
(33) Name of priority country :Thailand
(86) International Application No :PCT/GB2013/050543
Filing Date :06/03/2013
(87) International Publication No :WO 2013/140126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOWLAND Paul

(57) Abstract :
The invention relates to improvements in methods of making security features in particular electrotype security features. The electrotype for forming an image during a paper making process comprises a mesh to which is attached at least one image forming element.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7324/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FEED UNIT FOR A LIQUID ADDITIVE FOR POST TREATING EXHAUST GAS

(51) International classification :F01N3/20
(31) Priority Document No :10 2012 004 269.8
(32) Priority Date :02/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/053838
Filing Date :26/02/2013
(87) International Publication No :WO 2013/127804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HODGSON Jan
2)KONIECZNY Jrg Roman

(57) Abstract :
The invention relates to a feed unit (1) for feeding a liquid additive from a tank (2) which feed unit (1) can be mounted in the tank (2) having a filling level sensor (3) which can emit and receive waves which are reflected back to the filling level sensor (3) at a surface (4) of liquid in the tank (2) with the result that a filling level measurement can be carried out by measuring the transit time of the waves wherein the feed unit (1) has at least one additional sensor means (5) by means of which it is possible to determine whether there is frozen additive in the tank (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7325/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR PREPARATION OF ROFLUMILAST

(51) International classification :C07D213/75,C07C249/02
(31) Priority Document No :PCT/CN2012/072020
(32) Priority Date :07/03/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/072286
Filing Date :07/03/2013
(87) International Publication No :WO 2013/131484
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CHEN Yi Jing
2)PIKUL Stanislaw
3)KUO Shen Chun
4)CHU Guo dong

(57) Abstract :
The present invention provides novel processes for the preparation of N-substituted benzamides having the formula (VIc). In some embodiments the invention provides a process for preparation of roflumilast and other pharmaceutically active species. Novel compounds including intermediates for the synthesis of roflumilast are also provided.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7326/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DIALYSIS COMPOSITION COMPRISING CITRATE CALCIUM AND MAGNESIUM

(51) International classification :A61K31/194,A61K33/06,A61K33/14
(31) Priority Document No :1250217-5
(32) Priority Date :08/03/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2013/054386
Filing Date :05/03/2013
(87) International Publication No :WO 2013/131906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NILSSON Anders
2)STERNBY Jan
3)WIESLANDER Anders

(57) Abstract :
The present invention concerns dialysis compositions comprising 0.5 to 3 mM citrate 1 to 5 mM total calcium and 0 to 1.5 mM total magnesium.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7327/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MULTI INTERVAL WELLBORE TREATMENT METHOD

(51) International classification	:E21B34/14,E21B43/16,E21B43/267
(31) Priority Document No	:13/442411
(32) Priority Date	:09/04/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/030784 :13/03/2013
(87) International Publication No	:WO 2013/154727
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)EAST JR. Loyd Eddie
2)LINDSAY Sharlene Dawn
3)GARDINER Nicholas Hubert

(57) Abstract :
A method of servicing a subterranean formation comprising providing a wellbore penetrating the subterranean formation and having a casing string disposed therein the casing string comprising a plurality of points of entry wherein each of the plurality of points of entry provides a route a fluid communication from the casing string to the subterranean formation introducing a treatment fluid into the subterranean formation via a first flowpath and diverting the treatment fluid from the first flowpath into the formation to a second flowpath into the formation.

No. of Pages : 61 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7328/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : QUATERNARY AMMONIUM SALTS AS A CONVERSION COATING OR AS ANTICORROSIVE ADDITIVE IN PAINTS

(51) International classification	:C09D5/18, C09D7/12
(31) Priority Document No	:60/634,793
(32) Priority Date	:09/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2005/013191 :09/12/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:4499/DELNP/2007 :12/06/2007

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BEDARD, Thomas
2)BURLEIGH, Thomas
3)HALL, Larry, K.
4)KIMLER, Joseph

(57) Abstract :
Disclosed are quaternary ammonium salts containing non-halogen anions such as carbonates, bicarbonates, phosphates, glycolates and mixtures thereof as conversion coatings or additives imparting anti-corrosive properties to paints. The invention relates to a method for inhibiting the corrosion of metal surfaces by applying a composition containing one or more quaternary ammonium carbonate or bicarbonate. The disclosure is also directed to anti-corrosive coatings for metal substrates containing these compounds and to metal substrates having these anticorrosive coatings.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7329/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NOVEL MATERIAL

(51) International classification :C03C23/00,C08J7/00,G02B6/12
(31) Priority Document No :1202128.3
(32) Priority Date :08/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050300
Filing Date :08/02/2013
(87) International Publication No :WO 2013/117941
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FERNANDEZ Toney Teddy
3)GRANT Peter John
4)JHA Animesh
5)SAHA Sikha
6)STEENSON David Paul

(57) Abstract :
The present invention relates to a substrate comprising an ion implanted layer for example a cation wherein the ion implanted layer has a substantially uniform distribution of the implanted ions at a significantly greater depth than previously possible to a well defined and sharp boundary within the substrate. The invention further comprises said substrate wherein the substrate is a silicon based substrate such as glass. The invention also comprises the use of said material as a waveguide and the use of said material in measurement devices.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7244/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AUTOMATICALLY RECOMMENDING CONTENT

(51) International classification :H04N21/25,H04N21/45
(31) Priority Document No :13/401098
(32) Priority Date :21/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027162
Filing Date :21/02/2013
(87) International Publication No :WO 2013/126589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ABU EL HAIJA Sami
3)HUANG Lei
4)HOOFIEN Nimrod

(57) Abstract :
Techniques are provided for selecting which videos to recommend to users by predicting the degree to which recommending each video will satisfy certain goals. To make the predictions a trained machine learning engine is fed both collaborative filtering parameter values and content based filtering parameter values. In the case of video to video recommendations the collaborative filtering parameter values may be based on a video pair that includes a video in which a user has already demonstrated an interest. The machine learning engine generates a machine learning score for each video. The machine learning scores are used as the basis for selecting which videos to recommend to a particular user.

No. of Pages : 40 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7245/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPARATUS FOR CASTING A NON PNEUMATIC TIRE HAVING A FLOATING MOLD ALIGNMENT MECHANISM

(51) International classification :B29D30/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/026944
Filing Date :28/02/2012
(87) International Publication No :WO 2013/130047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ANDERSON Scott Powell
2)WILSON Brian D.

(57) Abstract :
This invention relates generally to an apparatus for rotationally casting a portion of a tire and more specifically to an apparatus that has a floating alignment mechanism that allows a portion of a mold to move in the radial direction of the tire which it. at least; partially forms allowing the molding apparatus to omit the use of tie bars. The mechanism may comprise two set of needle roller bearings that are orthogonally arranged to allow radial movement of a portion of a mold.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7246/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GEAR LEVER LOCKING DEVICE

(51) International classification :B60R25/06
(31) Priority Document No :1201000758
(32) Priority Date :24/02/2012
(33) Name of priority country :Thailand
(86) International Application No :PCT/TH2013/000009
Filing Date :22/02/2013
(87) International Publication No :WO 2013/147717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KANTAJARANITI Kamol

(57) Abstract :
A gear locking lever device having a gear lever locking device mounting base and a gear lever locking member mounted and attached to the gear lever locking device mounting base is provided. The gear lever locking member includes a base plate located above the gear lever locking device mounting base. The lateral side of the base plate is provided with engaging leg extending laterally toward both sides. An intermediate portion of the base plate is provided with a pin engaging hole. A lower portion of the base plate is provided with a ball bearing pocket with a ball bearing mounted inside the ball bearing pocket.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7368/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GYPSUM PRODUCTS WITH HIGH EFFICIENCY HEAT SINK ADDITIVES

(51) International classification :C04B22/06,C04B28/14
(31) Priority Document No :61/600574
(32) Priority Date :17/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025812
Filing Date :13/02/2013
(87) International Publication No :WO 2013/122974
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHAN Cesar
2)SONG Weixin D.
3)CAO Bangji
4)ROSENTHAL Guy
5)YU Qiang
6)VEERAMASUNENI Srinivas

(57) Abstract :
Disclosed herein are gypsum products with at least one high efficiency heat sink additive. The gypsum products e.g. gypsum panels are less susceptible to the damaging effects of extreme heat as the temperature rises due to the presence of the at least one additive.

No. of Pages : 82 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7369/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MULTI SEGMENT TURBOCHARGER BEARING HOUSING AND METHODS THEREFOR

(51) International classification :F02B39/00,F01D25/16,F01D25/18
(31) Priority Document No :61/600399
(32) Priority Date :17/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025518
Filing Date :11/02/2013
(87) International Publication No :WO 2013/122857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DATE Aaron
2)CAVAGNARO Augustine
3)BUCKING Michael

(57) Abstract :
A turbocharger (102, 202, 302) including a rotating assembly (114, 214, 314) having a compressor wheel (120, 220, 320) and a turbine wheel (110, 210, 310) mounted on opposite ends of a shaft (112, 212, 312). A bearing housing (160, 260, 360) supports the rotating assembly (114, 214, 314) and comprises at least two segments (189, 190; 289, 290; 389, 390). Each segment (189, 190; 289, 290; 389, 390) has an opening large enough to radially receive the rotating assembly (114, 214, 314). The bearing housing segments (189, 190; 289, 290; 389, 390) are fastened (193) together and a flexible seal may be provided between the segments. The bearing housing (160, 260, 360) may house rolling element bearings (325) or journal bearings (149), for example. The bearing housing (160, 260, 360) is split axially (101, 201, 301) into an upper segment (189, 289, 389) and a lower segment (190, 290, 390). Alternatively, the bearing housing (160, 260, 360) is split axially (101,201, 301) into a left segment and a right segment. The turbocharger (102) may further comprise an electric motor stator (148) disposed in the bearing housing (160). The bearing housing (160) may also include a defined passageway (143) extending around the stator (148) and configured to receive a cooling liquid.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.7145/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ASYMMETRIC TIBIAL COMPONENTS FOR A KNEE PROSTHESIS

(51) International classification :A61F2/38,A61F2/46,A61F2/30
(31) Priority Document No :61/592574
(32) Priority Date :30/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052340
Filing Date :24/08/2012
(87) International Publication No :WO 2013/115849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GREY Calie B.
3)CRONIN Shaun R.
4)DYKEMA Scott E.

(57) Abstract :
An orthopaedic tibial prosthesis includes a tibial baseplate with features designed for use with small stature knee replacement patients. The tibial prosthesis may include a shortened tibial keel tibial keel fins which define a large angle with respect to a longitudinal axis of the keel and/or tibial keel fins which extend along less than the entire longitudinal extent of the keel.

No. of Pages : 58 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7247/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DETECTION OF RATE CHANGES IN SYSTEMATIC OSCILLATIONS OF METABOLIC PATHWAYS BY MONITORING ISOTOPE RATIOS

(51) International classification :G01N33/497,A61B5/00
(31) Priority Document No :13/414061
(32) Priority Date :07/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/020496
Filing Date :07/01/2013
(87) International Publication No :WO 2013/133904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)EGHBALNIA Hamid R.
2)COOK Mark E.
3)PORTER Warren Paul
4)BUTZ Daniel Elmer

(57) Abstract :
The methods described herein are based on the observation that oscillations in breath isotope ratio data can be used for the purpose of identifying an unhealthy state in an organism such as a human. Described herein are methods of determining the state of health of an individual such as the transition from healthy to infected by identifying changes in oscillation modes in breath isotope ratio data. Changes in the frequency and/or amplitude of the oscillation modes are correlated with the heath of the individual. The methods can advantageously be used to provide information about the health of an individual in shorter periods of time than previous methods.

No. of Pages : 36 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7248/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MULTI ZONE ELECTROCHROMIC DEVICES

(51) International classification :G02F1/155,G02F1/163
(31) Priority Document No :13/407106
(32) Priority Date :28/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028283
Filing Date :28/02/2013
(87) International Publication No :WO 2013/130781
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GREER Bryan D.
2)SPAARGAREN Jacob

(57) Abstract :
In one aspect of the present invention is a substrate comprising multiple independently controllable electrochromic zones (200A 200B) wherein each of the electrochromic zones share a common continuous bus bar (242). In one embodiment of the electrochromic zones are not completely isolated from each other. In another embodiment each of the electrochromic zones have the same surface area. In another embodiment each of the electrochromic zones have a different surface area.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7249/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HEATED SHOE INSOLE REMOTE CONTROL SYSTEMS

(51) International classification :A43B7/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/023986
Filing Date :06/02/2012
(87) International Publication No :WO 2013/119199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WHITEHEAD Ian
2)LYNCH James K.

(57) Abstract :
A remote control wireless heated insole system in which address data identifying specific insoles to be heated is provided. Once the heating process is initiated periodic repeated control signals are generated to cause heating of the insoles.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7250/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS FOR APPLYING GRAPHENE COATINGS AND SUBSTRATES WITH SUCH COATINGS

(51) International classification :F16G13/06,C30B25/18,C10M103/02
(31) Priority Document No :1207515.6
(32) Priority Date :27/04/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051016
Filing Date :22/04/2013
(87) International Publication No :WO 2013/160664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KINLOCH Ian
2)LEWIS Amanda
3)KING Martin

(57) Abstract :
A method for applying a graphene coating to a substrate comprising iron or aluminium the method comprising: providing a metallic layer on a surface of the substrate; and contacting said metallic layer with a source of carbon atoms to provide a graphene coating on the metallic layer. There is also described an iron or aluminium containing substrate for example a component of a chain with a metallic layer on a surface of the substrate and a graphene coating disposed on said metallic layer.

No. of Pages : 23 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7370/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POSITION SENSOR PLACEMENT FOR ELECTRICALLY ASSISTED TURBOCHARGER

(51) International classification :F02B39/10,F02B39/00,F01D25/36
(31) Priority Document No :61/600126
(32) Priority Date :17/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025521
Filing Date :11/02/2013
(87) International Publication No :WO 2013/122859
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CAVAGNARO Augustine

(57) Abstract :
An electrically assisted turbocharger (10) includes an electric motor (70) having a rotor (72) and a stator (74). The rotor (72) rotates in response to operation of the turbocharger (10) and the stator (74) is fixed relative to the rotor (72). A component (40, 48, 24) rotates in unison with the rotor (72) and includes a plurality of features (80, 84, 86, 90). To control timing of phase excitation of the electric motor (70), a position sensor (82) is mounted to the turbocharger (10) to detect the plurality of features (80, 84, 86, 90) on the rotating component (40, 48, 24) to determine a rotational position of the rotor (72).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014
(21) Application No.7261/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A FIBER MADE OF ALLOY RESIN COMPOSITION OF POLYESTER

(51) International classification :D01F8/12,D01F8/14,D01D5/08
(31) Priority Document No :1020120024286
(32) Priority Date :09/03/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/001840
Filing Date :07/03/2013
(87) International Publication No :WO 2013/133640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIM Mok Keun
2)LEE Kwang Sang
3)YU Yeong Chool

(57) Abstract :
The present invention concerns a method of preparing a hybrid fiber including polyamide and polyester. Particularly the method of preparing a hybrid fiber comprises forming a blend by melting a) 4.99 to 95 % by weight of a thermoplastic polyamide resin b) 4.99 to 95 % by weight of a thermoplastic polyester resin and c) 0.01 to 10 % by weight of an epoxy resin at 250 to 300 and blend spinning and elongating 10 to 90 % by weight of the blend with 90 to 10 % by weight of a polyester resin. The hybrid fiber shows highly improved compatibility of the polyamide resin and the thermoplastic polyester resin and shows excellent strength and elongation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7262/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PRESSURE LIMITING VALVE AND FUEL INJECION PLANT FOR AN INTERNAL COMBUSTION ENGINE COMPRISING SAID PRESSURE LIMITING VALVE

(51) International classification :F16K15/06
(31) Priority Document No :MI2012A000892
(32) Priority Date :23/05/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/058659
Filing Date :25/04/2013
(87) International Publication No :WO 2013/174610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RUDINAL Discar

(57) Abstract :
A pressure limiting valve (18; 68) arranged between a first conduit (6) and a second conduit comprises: a seat (41) provided with an opening (48) communicating with the first conduit (6) and with a first shoulder (43); a shutter (51) which is mobile inside the seat (41) and is provided with an inner channel (63) having an inlet (64) communicating with the second conduit (12) and at least one outlet (65) and a head (57) adapted in use to be arranged against the first shoulder (43); the outlet (65) being arranged on the head (57); the seat (41) and the head (57) being shaped so as to provide a sealed coupling when the difference between the pressure in the first conduit (6) and the pressure in the second conduit is lower than a threshold value and so as to provide a non sealed coupling when said difference is greater than said threshold value.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7263/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HIGH PRESSURE FUEL PUMP

(51) International classification :F02M63/00
(31) Priority Document No :10 2012 207 431.7
(32) Priority Date :04/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054813
Filing Date :11/03/2013
(87) International Publication No :WO 2013/164117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LAMM Marco

(57) Abstract :
The invention relates to a fuel injection system in particular for a common rail injection system of an internal combustion engine comprising a pump housing (1) in which a driveshaft (3) and at least one pump piston (4) that interacts with the driveshaft (3) are arranged in a fuel filled engine compartment (2). The engine compartment (2) is connected to a low pressure system of the injection system and the driveshaft (3) is mounted by means of a first bearing (5) and a second bearing (6). A recess (7) is provided in the pump housing (1) between the engine compartment (2) and the low pressure system and an insert part (8) is arranged in the recess (7). Furthermore the insert part (8) has at least one radially and/or axially arranged bore (9) for a quantity of lubricant in order to ensure a lubricant and coolant quantity for the engine compartment (2) of the high pressure fuel pump.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7377/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : 1,2,4 -TRIAZOLE DERIVATIVES AS HERBICIDALS

(51) International classification :C07D401/12,C07D249/14,C07D249/16
(31) Priority Document No :1205657.8
(32) Priority Date :29/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/056572
Filing Date :27/03/2013
(87) International Publication No :WO 2013/144234
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MITCHELL Glynn

(57) Abstract :
The present invention relates to compounds of Formula (I), or an agronomically acceptable salt of said compounds wherein R1, R2 X, R4, R5 and R7 are as defined herein. The invention further relates to herbicidal compositions which comprise a compound of Formula (I), and to their use for controlling weeds, in particular in crops of useful plants.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7378/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GENERATOR WITH VERTICAL PISTON AND RECIPROCAL MOVEMENT WITH ORIENTABLE BLADES AND CONVERSION OF MECHANICAL ENERGY TO ELECTRICAL ENERGY BY MEANS OF A VERTICAL SOLENOID DEVICE

(51) International classification :F03D3/00,F03D3/06,F03D5/06
(31) Priority Document No :P201200275
(32) Priority Date :09/03/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/IB2013/000592
Filing Date :03/04/2013
(87) International Publication No :WO 2013/132333
(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 invention relates to a generator with vertical piston and reciprocal movement with orientable blades and conversion of mechanical energy to electrical energy by means of a vertical solenoid device which comprises a machine that utilizes the kinetic energy of a fluid (air or water) in order to obtain electrical energy. The generator comprises a shaft tie rods a head which can rotate a piston a set of blades that can rotate about horizontal axes a series of bearings two bars with lower racks and upper racks a toothed ascent wheel a toothed descent wheel on an axis common to both with cams two connecting rods and cranks a series of neodymium magnets or magnets comprising a similar magnetic compound and a solenoid. The generator is suitable for operation as a wind turbine or as a water turbine.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7257/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ARRANGEMENT FOR IMPARTING MOTION THROUGH COUNTER ROTATION OF OPPOSING TERMINATIONS OF ARCHED FLEXIBLE MEMBER

(51) International classification :E04G3/28
(31) Priority Document No :61/612348
(32) Priority Date :18/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029250
Filing Date :06/03/2013
(87) International Publication No :WO 2013/142047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GARSIDE Ross

(57) Abstract :
An arrangement for imparting translational movement of a load with respect to a columnar structure that takes the form of at least one flexible elastic member (e.g. bungee cord) that is disposed to surround a portion of the structure and a platform coupled to the opposing ends of the flexible elastic member. The platform is used to support the load and the ends of the flexible member are coupled to the platform in a manner such that the ends are free to rotate. Thus the application of counter rotational forces to these opposing end terminations will impart a tension to the flexible elastic member that ultimately causes the flexible member to flip over to relieve the tension. By continuing to apply the counter rotational forces the flexible member will continue to flip and progress in translational movement along the columnar structure.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.7258/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POSITIONING SPACER ENERGY STORAGE MODULE USING SAID SPACER AND METHOD FOR ASSEMBLING THE MODULE

(51) International classification :H01G2/10
(31) Priority Document No :1251018
(32) Priority Date :03/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/051661
Filing Date :29/01/2013
(87) International Publication No :WO 2013/113691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LE GALL Laurent
3)SAGEL Philippe
4)JUVENTIN MATHES Anne Claire

(57) Abstract :
The invention concerns a positioning spacer (7 9) for positioning electrical energy storage elements (3) such as supercapacitors or ultracapacitors connected in series in an electrical energy storage module characterised in that the spacer comprises a first support part (6) and a second part (71) forming a rim (71) relative to the first part (6) the positioning spacer (7) comprising at the free end of the second part (71) thereof at least one housing recess the spacer being made from an electrically insulating material.

No. of Pages : 46 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7380/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ARRANGEMENT COMPRISING A HOUSING PART OF AN INTERNAL COMBUSTION ENGINE A FUEL INJECTOR AND A CLAMPING BRACKET

(51) International classification :F02M61/14,F02M61/16
(31) Priority Document No :10 2012 205 701.3
(32) Priority Date :05/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/055276
Filing Date :14/03/2013
(87) International Publication No :WO 2013/149799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GRUENBERGER Andreas
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6)HORN Matthias
7)SCHWARZ Thomas
8)STOECKLEIN Wolfgang
9)PAUER Thomas
10)AMELANG Stephan
11)ZERLE Lorenz
12)RETTICH Andreas
13)RUECKLE Markus
14)BEIER Marco
15)VILLMANN Alexander
16)WACHTER Philipp
17)SIAUW Sven

(57) Abstract :
The invention relates to an arrangement comprising a housing part (1) of an internal combustion engine having a bore (2) comprising a fuel injector (3) which is at least partially accommodated in the bore (2) of the housing part (1) and comprising a clamping bracket (4) by means of the bracket force of which the fuel injector (3) is preloaded in the direction of its longitudinal axis (A) against a housing part (1). According to the invention the fuel injector (3) is supported directly or indirectly against the housing part (1) and the bracket force of the clamping bracket (4) effects a high pressure tight connection of at least one plate shaped component (5 6) of the fuel injector (3) to a nozzle body (7) and/or to a holding body (8) of the fuel injector (3). The invention also relates to a fuel injector for an arrangement of said type and to the use of a clamping bracket for fixing a fuel injector to a housing part of an internal combustion engine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7381/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PRESSURE REGULATING VALVE

(51) International classification :F02M63/00,F02M61/04
(31) Priority Document No :10 2012 209 226.9
(32) Priority Date :31/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/058096
Filing Date :18/04/2013
(87) International Publication No :WO 2013/178402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KATZ Martin

(57) Abstract :
The invention relates to a pressure-regulating valve (10) having a magnetic actuator (16). The magnetic actuator (16) actuates a valve member (22, 68, 72). The valve member (22, 68, 72) acts upon a closure element (24), which either releases or closes a valve seat (26). The valve seat (26) has an outwardly opening edge (54), at which an outflow stream (40) breaks away from the valve seat (26) and is applied against the closure element (24).

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7382/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COOLING DEVICE FOR CONNECTION PIECE

(51) International classification :F01N3/20
(31) Priority Document No :10 2012 205 389.1
(32) Priority Date :03/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/053270
Filing Date :19/02/2013
(87) International Publication No :WO 2013/149759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)POHL Stephan
3)KNITTEL Wolfgang
4)WINKLER Jochen

(57) Abstract :
The invention relates to a metering module (10) for metering a reduction means in an exhaust system of an internal combustion engine. The metering module (10) comprises at least one cooling element (22, 24) through which cooling fluid flows. The metering module (10) has a cooled connection piece (44) that is actively cooled by the cooling fluid.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7276/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COILING FURNACE

(51) International classification :C21D9/68,B21C47/26,B21C47/34
(31) Priority Document No :12164047.8
(32) Priority Date :13/04/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/057271
Filing Date :08/04/2013
(87) International Publication No :WO 2013/153012
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JESCHE Michael
2)KIERNER Thomas
3)PEITL Wolfgang

(57) Abstract :
The invention relates to a coiling furnace in particular a coiling furnace for Steckel rolling mills in which a hot rolled strip can be coiled and uncoiled and optionally heated while being transported both forwards and backwards in a reverse manner on an furnace drum (3) in the furnace interior further comprising a housing (1) of the coiling furnace with a furnace opening for the strip to be coiled a first displaceable furnace door (5) for at least partially closing the furnace opening a roller (10) which can be displaced to or away from the furnace drum in order to secure the coiled strip end (14). In order to simplify construction of the furnace door the first furnace door (5) is designed to be rigid and to be rotatable about a first axis of rotation (6) and the rotatable roller (10) forms a second furnace door (7) in conjunction with its suspension (9) which second furnace door is designed to be rigid and to be displaceable about a second axis of rotation (8) and the furnace opening can be fully closed by means of the first (5) and second (7) furnace doors.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7277/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND APPARATUS FOR EXTRACTING PROCESS AIR LOADED WITH OVERSPRAY AND PLANT FOR COATING OBJECTS

(51) International classification :B05B15/12
(31) Priority Document No :10 2012 004 704.5
(32) Priority Date :07/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/000463
Filing Date :16/02/2013
(87) International Publication No :WO 2013/131611
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LINK Kersten
2)SWOBODA Werner
3)R–CKLE J¼rgen

(57) Abstract :
In a method for extracting process air loaded with overspray from a coating plant in particular a painting plant overspray is picked up by an air stream which is led as process air along a flow path (52) to a conditioning device (36). Process air loaded with overspray is led on the flow path (52) thereof through at least one replaceable flow module (60) having an inlet opening (66) and an outlet opening (70) on the inner surfaces of which overspray can be deposited and which after a limiting loading with overspray has been reached can be replaced by an unloaded flow module (60). In addition an apparatus for extracting process air loaded with overspray is specified in which in the flow path (52) of the process air loaded with overspray at least one replaceable flow module (60) having an inlet opening (66) and an outlet opening (70) can be arranged on the inner surfaces of which overspray can be deposited. Means (68) are provided using which the at least one flow module (60) can be replaced with an unloaded flow module (60) after a limiting loading with overspray has been reached. Furthermore a plant for coating objects having such an apparatus is described.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7391/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SURGICAL STERILISATION CONTAINER AND SURGICAL FLUID EXTRACTION DEVICE

(51) International classification :A61L2/26,A61B19/02
(31) Priority Document No :10 2012 101 832.4
(32) Priority Date :05/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/053530
Filing Date :22/02/2013
(87) International Publication No :WO 2013/131760
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Am Aesculap Platz 78532 Tuttlingen Germany
(72)**Name of Inventor :**
1)GRAY DREIZLER John
2)WEISSHAUPT Dieter
3)SCHUSTER Stefan

(57) Abstract :
The invention relates to a surgical sterilisation container comprising a base (14) and a container wall (16) wherein a through hole (62) is formed on the sterilisation container (10) for media exchange and a valve device (58) having an outlet valve (66) for releasing and closing the through hole (62). In order to provide such a surgical sterilisation container from which fluid formed inside the container can be removed to reduce the risk of germs entering the container interior the invention proposes that the through hole (62) is formed in the container wall (16) and is at a distance from the base (14) and that the sterilisation container (10) comprises a fluid raising device (92) for creating a fluid communication between the base (14) and the outlet valve (66) and for raising fluid from the base (14) to the outlet valve (66). The invention further relates to a surgical fluid extraction device for use with a surgical sterilisation container comprising a container wall and a base.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7266/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRIAZOLOPYRIDINE DERIVATIVES AS A TYROSINE KINASE INHIBITOR

(51) International classification :C07D471/04,C07D249/16,A61K31/437
(31) Priority Document No :1020120012758
(32) Priority Date :08/02/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/000539
Filing Date :23/01/2013
(87) International Publication No :WO 2013/118986
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :214 Muha ro Paltan myeon Hwaseong si Gyeonggi do 445 910 Republic of Korea
(72)**Name of Inventor :**
1)SIM Jae Yi
2)LEE Kyung Ik
3)KIM Ho Seok
4)HA Tae Hee
5)SUH Kwee Hyun

(57) Abstract :
Provided is a novel triazolopyridine derivative having irreversible tyrosine kinase inhibiting activities and a pharmaceutical composition comprising the same which can be useful for prevention or treatment of inflammatory diseases autoimmune diseases proliferative diseases or hyperproliferative diseases immunologically mediated diseases cancers or tumors.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7267/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ATOMIC LAYER DEPOSITION METHOD AND APPARATUSES

(51) International classification :C23C16/455
(31) Priority Document No :NA
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/FI2012/050296
Filing Date :23/03/2012
(87) International Publication No :WO 2013/140021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PICOSUN OY
Address of Applicant :Tietotie 3 FI 02150 Espoo Finland
(72)**Name of Inventor :**
1)LINDFORS Sven

(57) Abstract :
In accordance with an example embodiment of the present invention there is provided a method that includes operating an atomic layer deposition reactor configured to deposit material on at least one substrate by sequential self saturating surface reactions and using dry air in the reactor as purge gas.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7268/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYMER COMPOSITION CONTAINING A THERMOPLASTIC ELASTOMER COMPRISING HARD SEGMENTS OF A POLYESTER AND/OR A POLYURETHANE AND SOFT SEGMENTS OF AN ALIPHATIC POLYCARBONATE

(51) International classification	:C08L69/00,C08L75/04,C08L75/06
(31) Priority Document No	:12162843.2
(32) Priority Date	:02/04/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/056388 :26/03/2013
(87) International Publication No	:WO 2013/149884
(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)DSM IP ASSETS B.V.
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(72)**Name of Inventor :**
1)KEESTRA Beert Jacobus
2)SCHMIDT Angelika
3)BJ–RLING Agnes Johanna Pauline

(57) Abstract :
Polymer composition containing a thermoplastic elastomer comprising hard segments of a polyester and/or a polyurethane and soft segments of an aliphatic polycarbonate which composition contains polycarbonate. An insulated wire comprising an insulation layer of the polymer composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7269/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PART OF A LED SYSTEM

(51) International classification :F21V7/22
(31) Priority Document No :12159939.3
(32) Priority Date :16/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055262
Filing Date :14/03/2013
(87) International Publication No :WO 2013/135827
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHELLEKENS Ronald Micha«l Alexander Maria
2)DIJK VAN Hans Klaas

(57) Abstract :
Part of a LED system being exposed to LED light particular the reflector for a LED (light Emitting Diode) system more particular the reflector for a mixing chamber of a LED system which the part consists of a polymer composition comprising a polyester and a white pigment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7387/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NATURAL OIL DERIVED GELLED INK VEHICLES

(51) International classification :C09D11/06,C09D191/00,C09F7/00
(31) Priority Document No :61/603251
(32) Priority Date :25/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027705
Filing Date :25/02/2013
(87) International Publication No :WO 2013/126922
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHOX CHEMICALS LLC
Address of Applicant :1801 Perimeter Rd Greenville SC 29605 U.S.A.
(72)**Name of Inventor :**
1)TANNER James T.

(57) Abstract :
Novel natural oil derived ink vehicles are provided by a two step process that does not require the addition of gelants or the irreversible heat bodying or polymerization of the oil. The gelled natural oil may be used as the vehicle/carrier in the ink formulation or alternatively used as a carrier or dispersant for additves in ink formulations. The gelled ink vehicles disclosed have many advantages over ink vehicles disclosed in the prior art.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7388/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DECORATION DECORATIVE BASE AND METHOD FOR MAKING SAME

(51) International classification :A23G3/32,A21D13/08,A23L1/0534
(31) Priority Document No :2012900402
(32) Priority Date :03/02/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000104
Filing Date :04/02/2013
(87) International Publication No :WO 2013/113075
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COUBROUGH Karen Louise

(57) Abstract :
The present invention provides a decoration formed from a mixture of a decorative base and a colour additive the decorative base comprising a quantity of a thickening/hardening compound pure icing sugar and water wherein the decoration sets in less than 24 hours from being created the decoration having a colour matching the colour additive.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7389/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMAGE CAPTURE SYSTEM

(51) International classification :H04N5/232
(31) Priority Document No :61/594988
(32) Priority Date :03/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/024094
Filing Date :31/01/2013
(87) International Publication No :WO 2013/116487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)STEIN Jesse
3)MCKENNEDY Michael

(57) Abstract :
A method of taking an image of a scene that includes an item of interest includes providing a digital imaging device having an imaging lens and a viewing screen and electronically providing an alignment feature on the viewing screen. The alignment feature is configured to allow a viewer to see both the alignment feature and an image of the item of interest on the viewing screen. The method includes adjusting at least one parameter from the group consisting of angular position of the digital imaging device with respect to the item of interest and angular orientation of the digital imaging device to achieve alignment of the image of the item of interest on the viewing screen with the alignment feature wherein the alignment feature has a structure so that the adjusting to achieve alignment restricts to exclusively one angular position of the digital imaging device with respect to the item of interest and exclusively one angular orientation of the digital imaging device. The method also includes capturing the image of the item of interest.

No. of Pages : 30 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7350/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR ENTERPRISE LEVEL FILTERED SEARCH

(51) International classification :G06F17/30
(31) Priority Document No :NA
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/IL2012/050112
Filing Date :27/03/2012
(87) International Publication No :WO 2013/144937
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KORKUS Ohad
3)KRETZER KATZIR Ophir
4)BASS David

(57) Abstract :
A method for a secure search in a computerized system having a storage comprising searching for objects in the storage of the computerized system according to search criteria provided by a user wherein the criteria comprise at least one attribute of the objects identifying objects that meet the criteria and displaying representations respective of identified objects that are accessible to the user and an apparatus for performing the same.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7351/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification :C08G61/12,C08L65/00,C09D165/00
(31) Priority Document No :1203159.7
(32) Priority Date :23/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050460
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124685
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GRIFFITHS Russell Jon

(57) Abstract :
The present invention relates to organic copolymers and organic semiconducting compositions comprising these materials including layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing such organic semiconductor compositions and layers and uses thereof. The invention has application in the field of printed electronics and is particularly useful as a semiconducting material for use in formulations for organic thin film transistor (OTFT) backplanes for displays integrated circuits organic light emitting diodes (OLEDs) photodetectors organic photovoltaic (OPV) cells sensors memory elements and logic circuits.

No. of Pages : 62 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7352/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification :C08G61/12,C08L65/00,C09D165/00
(31) Priority Document No :1203159.7
(32) Priority Date :23/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050461
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GRIFFITHS Russell Jon

(57) Abstract :
The present invention relates to organic copolymers and organic semiconducting compositions comprising these materials including layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing suchorganic semiconductor compositions and layers and uses thereof. The invention has application in the field of printed electronics and is particularly useful as a semiconducting material for use in formulations for organic thin filmtransistor (OTFT) backplanes for displays integrated circuits organic light emitting diodes (OLEDs) photodetectors organic photovoltaic (OPV) cells sensors memory elements and logic circuits.

No. of Pages : 61 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7353/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification :C08G61/12,C08L65/00,C09D165/00
(31) Priority Document No :1203159.7
(32) Priority Date :23/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050462
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124687
(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 to organic copolymers and organic semiconducting compositions comprising these materials including layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing such organic semiconductor compositions and layers and uses thereof. The invention has application in the field of printed electronics and is particularly useful as a semiconducting material for use in formulations for organic thin film transistor (OFET) backplanes for displays integrated circuits organic light emitting diodes (OLEDs) photodetectors organic photovoltaic (OPV) cells sensors memory elements and logic circuits.

No. of Pages : 63 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7354/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification :C08G61/12,C08K5/01,C09D165/00
(31) Priority Document No :1203159.7
(32) Priority Date :23/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050463
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present invention relates to organic copolymers and organic semiconducting compositions comprising these materials including layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing such organic semiconductor compositions and layers and uses thereof. The invention has application in the field of printed electronics and is particularly useful as a semiconducting material for use in formulations for organic thin film transistor (OTFT) backplanes for displays integrated circuits organic light emitting diodes (OLEDs) photodetectors organic photovoltaic (OPV) cells sensors memory elements and logic circuits.

No. of Pages : 104 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7289/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WATER REACTIVE HYDROGEN FUEL CELL POWER SYSTEM

(51) International classification :B01J7/02
(31) Priority Document No :61/595972
(32) Priority Date :07/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025039
Filing Date :07/02/2013
(87) International Publication No :WO 2013/119740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MELACK John M.
3)LEFENFELD Michael

(57) Abstract :
A water reactive hydrogen fueled power system includes devices and methods to combine reactant fuel materials and aqueous solutions to generate hydrogen. The generated hydrogen is converted in a fuel cell to provide electricity. The water reactive hydrogen fueled power system includes a fuel cell a water feed tray and a fuel cartridge to generate power for portable power electronics. The removable fuel cartridge is encompassed by the water feed tray and fuel cell. The water feed tray is refillable with water by a user. The water is then transferred from the water feed tray into the fuel cartridge to generate hydrogen for the fuel cell which then produces power for the user.

No. of Pages : 70 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7401/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SOLID FORMS OF AN EPIDERMAL GROWTH FACTOR RECEPTOR KINASE INHIBITOR

(51) International classification :A01N43/54
(31) Priority Document No :61/611376
(32) Priority Date :15/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030982
Filing Date :13/03/2013
(87) International Publication No :WO 2013/138495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LAI Mei

(57) Abstract :
The present invention provides a solid form and compositions thereof which are as an inhibitor of EGFR kinases and which exhibit desirable characteristics for the same.

No. of Pages : 123 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7402/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYISOCYANATE TRIMERIZATION CATALYST COMPOSITION

(51) International classification :B01J31/02,C08G18/09,C08G18/22
(31) Priority Document No :12162154.4
(32) Priority Date :29/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055014
Filing Date :12/03/2013
(87) International Publication No :WO 2013/143841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ESBELIN Christian
2)VERBEKE Hugo
3)VERBEKE Hans Godelieve Guido

(57) Abstract :
A trimerization catalyst composition comprising a trimerization catalyst compound selected from one or more organic metal salt, preferably alkali or earth alkali metal salts, and one or more compounds selected from compounds which comprise a car - boxamide group having the structure -CO-NH2 and/or from compounds which comprise a group having the structure -CO-NH-COis disclosed. Further a stable polyisocyanate composition comprising the catalyst composition and a process for making the polyiso - cyanate composition is disclosed. A curable polyisocyanate composition is obtained comprising the catalyst composition, a polyiso - cyanate composition, an epoxy resin and optionally a polyol/monool composition and a polyisocyanurate comprising material made by allowing the curable composition to react at elevated temperature and a process for making the polyisocyanurate comprising material.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014
(21) Application No.7403/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AIR BLOCKER RING ASSEMBLY WITH RADIAL RETENTION

(51) International classification :F02C3/00,F02C7/00,F02C7/04
(31) Priority Document No :13/436071
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/034830
Filing Date :01/04/2013
(87) International Publication No :WO 2013/149249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILSON Jonathan C.
2)STRUCK Bruno E.

(57) Abstract :
An air blocker ring assembly (40) includes a proximal end (49) and a distal end (50), a blocker ring (42) having a protrusion (60, 62, 64), and a blocker ring support (44). The blocker ring support having a wall portion (108, 94, 96), the protrusion and the wall portion cooperating to inhibit relative rotation between the blocker ring and the blocker ring support.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7404/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COLD ROLLED STEEL SHEET AND MANUFACTURING METHOD FOR SAME

(51) International classification :C22C38/00,B21B3/00,C21D9/46
(31) Priority Document No :2012-036475
(32) Priority Date :22/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053313
Filing Date :13/02/2013
(87) International Publication No :WO 2013/125400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)IMAI Norio
4)HAGA Jun
5)NISHIO Takuya

(57) Abstract :
high-strength cold-rolled steel sheet having excellent ductility and stretch flangeability includes: a chemical composition consisting, in mass%, C: 0.06 to 0.336, Si: 0.4 to 2.5%, Mn: 0.6 to 3.5%, P: at most 0.1%, S: at most 0.05%, Ti: 0 to 0.08%, Nb: 0 to 0.04%, a total content of Ti and Nb: 0 to 0.10%, sol.Al: 0 to 2.0%, Cr: 0 to l%, Mo: 0 to 0.3%, V: 0 to 0.3%, B: 0 to 0.005%, Ca: 0 to 0.003%, REM: 0 to 0.003% and the remainder of Fe and impurities; a microstructure having a main phase of ferrite which comprising at least 40 area%, and a second phase of a low-temperature transformation phase consisting either or both of martensite and bainite which comprising at least 10 area% in total and retained austenite (y) at least which comprising 3 area%, and an average grain diameter of ferrite having a tilt angle of at least 15° is at most 5.0 μm, an average grain diameter of the low-temperature transformation-produced phase is at most 2.0 μm, an average grain diameter of lump-like retained y having an aspect ratio of less than 5 is at most 1.5 μm, and an area fraction of the lump-like retained y relative to all the retained y is at least 50%.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7307/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CUSTOM CONTAINER IN A MATERIALS HANDLING FACILITY

(51) International classification :B31B1/00
(31) Priority Document No :13/429257
(32) Priority Date :23/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030086
Filing Date :10/03/2013
(87) International Publication No :WO 2013/142106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SHIGIHARA Patricia T.
4)VLIET Kevin R.
5)BATTLES Jon S.
6)SMITH Brian C.
7)LEHMANN Sebastian
8)JAMES Jaffin
9)NIDAMARTHI Lakshmi S.

(57) Abstract :
Described herein are systems and techniques for determining a pack station for storing inventory in a materials handling facility routing item packages to pack stations based on size ranges for custom containers and optimizing dimensions of custom containers based on dimensions of a shipping container. For example the systems described herein may allocate a percentage of inventory to a custom inventory location that is physically near custom container forming devices thereby reducing the cost to pick sort pack and route items for shipment storing or otherwise handling in a custom container.

No. of Pages : 74 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7411/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRANSFERABLE INDICIA AND DISPLAY WITH RELATED COMMISSIONING SYSTEM

(51) International classification :G06K5/00
(31) Priority Document No :61/608820
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033580
Filing Date :22/03/2013
(87) International Publication No :WO 2013/134791
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)COLLINS Samuel

(57) Abstract :
Aspects of the invention may include methods and systems for determining commission amounts in a multiple party transaction for the purchase of goods or services by an obtaining user the goods or services associated with an indicia the multiple party transaction being amongst at least an originating merchant and a providing merchant the providing merchant in selective communication with a central processor the method including: receiving the indicia associated with the goods or services for purchase and a purchase price; determining the goods or services associated with the indicia; determining factors associated with the multiple party transaction comprising: the purchase price; the identity of the providing merchant and providing merchant characteristics; the identity of the originating merchant and originating merchant characteristics; calculating based at least in part on the factors: a commission if any for the providing merchant; and a commission if any for the originating merchant.

No. of Pages : 60 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7412/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WOUND CARE ARRANGEMENT AND COVERING UNIT THEREFOR

(51) International classification :A61M1/00,A61F13/02
(31) Priority Document No :12002332.0
(32) Priority Date :05/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/000636
Filing Date :05/03/2013
(87) International Publication No :WO 2013/131638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DANEI Federico
3)STEINLECHNER Erik
4)KAINZ Sonja

(57) Abstract :
The invention relates to a wound care arrangement comprising a covering unit that can be fixed on the skin surrounding a wound and that serves for producing a closed wound space comprising the wound and a suction connection via which a vacuum can be produced in the wound space wherein the covering unit is permeable to water vapor at least in sections.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7413/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MOTOR BOBBIN

(51) International classification :H02K3/46
(31) Priority Document No :2012050072
(32) Priority Date :07/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056177
Filing Date :06/03/2013
(87) International Publication No :WO 2013/133337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NARUSE Shinji
2)FUJIMORI Tatsushi
3)KONDO Chihiro
4)TANAKA Yasunori

(57) Abstract :
A motor bobbin that has a bobbin body around which a coil is wound and flanges provided on the ends of said bobbin body so as to form a single unit. Said motor bobbin comprises the following: a molded resin body formed using a polymer that has amide bonds; and an insulating paper containing aramid paper that comprises aramid fibrids and short aramid fibers. The surface of the molded resin body and the aramid paper are directly adhered to each other. This motor bobbin can withstand increased efficiency and an increased output from a motor generator or the like.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7414/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : USE OF ICOS BASED CARS TO ENHANCE ANTITUMOR ACTIVITY AND CAR PERSISTENCE

(51) International classification :C07K14/705
(31) Priority Document No :61/601910
(32) Priority Date :22/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027366
Filing Date :22/02/2013
(87) International Publication No :WO 2013/126733
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JUNE Carl H.
2)GUEDAN CARRIO Sonia
3)ZHAO Yangbing
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(57) Abstract :
The present invention provides compositions and methods for treating cancer in a human. The invention includes administering a genetically modified Thl7 cell to express a CAR having an antigen binding domain a transmembrane domain and an ICOS intracellular signaling domain.

No. of Pages : 109 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7319/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RESONATOR ARRANGEMENT AND METHOD FOR EXCITING A RESONATOR

(51) International classification :H01P7/06,H05H7/02,H05H7/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/054995
Filing Date :21/03/2012
(87) International Publication No :WO 2013/139389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HEID Oliver
2)HUGHES Timothy
3)SIRTL Jennifer

(57) Abstract :
In a method for exciting a resonator having a resonance frequency the resonator is excited in a first period with a first frequency that differs from the resonance frequency by a first frequency difference. During a second period the resonator is excited with a second frequency that differs from the resonance frequency by a second frequency difference. The first frequency difference and the second frequency difference have different signs. Additionally the amounts of the first frequency difference and of the second frequency difference differ from one another by less than 10% of the greater amount.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7320/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPARATUS AND METHOD FOR PROVIDING METERED AMOUNTS OF INGREDIENT ESPECIALLY FOR A TAILORED NUTRITION TO INFANTS

(51) International classification :A47J31/40
(31) Priority Document No :12163411.7
(32) Priority Date :05/04/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/057020
Filing Date :03/04/2013
(87) International Publication No :WO 2013/150070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HAMAOKA HERMANN Marilisa
3)STAN Simona
4)STEENHOUT Philippe
5)TAN Sze

(57) Abstract :
The present invention relates to an apparatus (1) for providing metered amounts of ingredients to a nutritional composition for use in administration to an infant in particular the present invention relates to an apparatus for providing individualized nutrition for infants based on the infants special needs the apparatus comprises a plurality of containers (2) a plurality of delivery devices (3) input means (14) and a controller (7) adapted to control the metered amounts of ingredients delivered individually from the containers in response to the input. Further the present invention relates to a method of preparing a nutritional composition for an infant which is tailored to that specific infant.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7321/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : REAL TIME REMOTE DATA COLLECTING SYSTEMS AND METHODS

(51) International classification :G01G19/414
(31) Priority Document No :61/607089
(32) Priority Date :06/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029139
Filing Date :05/03/2013
(87) International Publication No :WO 2013/134275
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHANG David Chih Hung
3)HU Bao Zhong
4)HU Ruguo

(57) Abstract :
THE INVENTION RELATES GENERALLY TO REMOTE DATA COLLECTING SYSTEMS AND METHODS. IN A GENERAL ASPECT THE PRESENT INVENTION PROVIDES A REMOTE DATA COLLECTING SYSTEM COMPRISING A MEASURING DEVICE HAVING AT LEAST TWO SCALES IN COMMUNICATION WITH A WEB SERVER. THE WEB SERVER CAN BE USED TO DISPLAY DATA FROM THE MEASURING DEVICE ON A WEBSITE TO BE ACCESSED BY ONE OR MORE USERS FOR EXAMPLE USING A COMPUTING DEVICE. THE REMOTE DATA COLLECTING SYSTEM IS PARTICULARLY USEFUL FOR REAL TIME UNCONTROLLED ENVIRONMENT (IN HOME) PRODUCT TESTING.

No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7322/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CEREAL PIECES CONTAINING ALPHA LINOLENIC ACID

(51) International classification :A23L1/10,A23L1/164,A23L1/30
(31) Priority Document No :12158077.3
(32) Priority Date :05/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/054372
Filing Date :05/03/2013
(87) International Publication No :WO 2013/131895
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)McKEEHEN John
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(57) Abstract :
The invention relates to shelf stable cereal pieces which contain alphalinolenic acid and to food compositions that comprise such cereal pieces.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7439/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONTROL DEVICE COMMUNICATION DEVICE COMMUNICATION METHOD AND PROGRAM

(51) International classification :H04L12/717
(31) Priority Document No :2012-081654
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059328
Filing Date :28/03/2013
(87) International Publication No :WO 2013/147053
(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 :
Provided is a control device that finely controls individual control target devices without being limited by the number of control target devices monitoring frequency and the like. A communication device selects control information from among a plurality of pieces of control information that matches received packets and that has a matching condition with the highest priority rank and processes received packets on the basis of the selected control information. The control device is provided with: a control information generation unit that generates a plurality of pieces of control information for which at least a portion of the matching conditions overlap and the priority rank and processing contents differ between the pieces of information; and a control unit that sets the plurality of pieces of control information with regards to the communication device. In order to change the control information that has the highest priority rank among the plurality of pieces of control information processing is carried out in the communication device on the basis of change conditions set in advance for each of the pieces of control information. Switching of the communication policy is performed through conversion of the priority rank.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7195/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AEROSOL GENERATING ARTICLE HAVING A FLAVOUR GENERATING COMPONENT

(51) International classification :A24D3/04
(31) Priority Document No :12155250.9
(32) Priority Date :13/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/077087
Filing Date :28/12/2012
(87) International Publication No :WO 2013/120566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOUVET Alexis
3)MEYER Cdric
4)SANNA Daniele
5)ZUBER Grard

(57) Abstract :
An aerosol generating article (10) comprises a plurality of elements assembled in the form of a rod (11). The plurality of elements includes an aerosol forming substrate (20) and a mouthpiece filter (50) located downstream from the aerosol forming substrate (20) within the rod (11). The aerosol generating article (10) further comprises a volatile flavour generating component (45) disposed between the aerosol forming substrate (20) and the mouthpiece filter (50) within the rod (11). In some embodiments the volatile flavour generating component (45) is supported by a low resistance support element (40) located between the aerosol forming substrate (20) and the mouthpiece filter (50). In some embodiments the volatile flavour generating component (45) is menthol.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7196/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVING POSTURAL STABILITY ADMINISTERING DROXIDOPA

(51) International classification :A61K31/198,A61P25/14
(31) Priority Document No :61/592755
(32) Priority Date :31/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/023828
Filing Date :30/01/2013
(87) International Publication No :WO 2013/116325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHWIETERMAN William
3)SZAKACS Cameron
4)ROWSE Gerry
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6)ROBERTS Michael J.

(57) Abstract :
The present invention provides methods and systems for reducing falls in patients that are recurrent fallers. Specifically the compositions systems and methods can relate to Parkinson s disease patients particularly such patients that are suffering from neurogenic orthostatic hypotension. The compositions systems and methods comprise the use of droxidopa optionally in combination with a further active agent. Administration of droxidopa has been found to reduce the mean number of falls per patient per week as well as provide improvements in the patient s Hoehn and Yahr rating scale score which is indicative of improvements in postural stability and provide improvements in the patient s Unified Parkinson s disease Rating Scale score which is indicative of improvements in the severity of motor and/or non motor symptoms of Parkinson s disease.

No. of Pages : 52 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7418/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HERBICIDAL COMPOSITION

(51) International classification :A01N43/58,A01N47/36,A01P13/02
(31) Priority Document No :2012-052563
(32) Priority Date :09/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056032
Filing Date :05/03/2013
(87) International Publication No :WO 2013/133287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKAMOTO Hiroyuki
3)TERADA Takashi

(57) Abstract :
Provided is a highly active herbicidal composition having a broad weed killing spectrum. An herbicidal composition containing synergistically effective amounts of: (A) pyridate or a salt thereof; and (B) at least one species of sulfonylurea based compound selected from the group consisting of flazasulfuron nicosulfuron trifloxysulfuron chlorimuron and alkyl esters thereof halosulfuron and alkyl esters thereof and salts thereof.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014
(21) Application No.7419/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ANIMAL FEED COMPOSITIONS AND METHODS OF USING THE SAME

(51) International classification :A61K31/716
(31) Priority Document No :61/601891
(32) Priority Date :22/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027282
Filing Date :22/02/2013
(87) International Publication No :WO 2013/126669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEVINE Robert
3)HORST Geofrey Paul

(57) Abstract :
IMMUNE FUNCTION OF AN ANIMAL CAN BE MODULATED BY ADMINISTRATION OF A COMPOSITION THAT INCLUDES BETA GLUCAN. THE BETA GLUCAN CAN BE DERIVED FROM WHICH PROVIDES A FORM OF BETA GLUCAN THAT IS DIFFERENT FROM OTHER ORGANISMS WHERE THE BETA GLUCAN IS PREDOMINANTLY UNBRANCHED BETA (L 3) GLUCAN. BETA GLUCAN CAN ALSO BE COMPLEXED WITH A METAL SUCH AS ZINC AND/OR CAN COMBINED WITH AN ANIMAL FEED COMPONENT TO FORM AN ANIMAL FEED COMPOSITION. USE OF SUCH COMPOSITIONS CAN IMPROVE THE WELL BEING OF AN ANIMAL AND MAY AUGMENT OR EVEN REPLACE THE USE OF ANTIBIOTICS IN CERTAIN CIRCUMSTANCES.

No. of Pages : 67 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7420/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TOPICAL GELS CONTAINING ALPHA CONNEXIN C TERMINAL (ACT) PEPTIDES

(51) International classification :A61K31/74,A61K38/16,A61K38/00
(31) Priority Document No :61/605528
(32) Priority Date :01/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028727
Filing Date :01/03/2013
(87) International Publication No :WO 2013/131040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GHATNEKAR Gautam

(57) Abstract :
This invention relates to a topical gel drug product preparation containing a composition comprising an isolated polypeptide having a carboxy terminal amino acid sequence of an alpha connexin (ACT peptide) peptide stabilizers excipients buffering agents and the like. A formulation and preparation steps are disclosed for the manufacturing of a stable elegant and pourable topical gel. The resulting formulation possesses long term stability suitable for aesthetic as well as therapeutic applications including the prevention of scaring and accelerated healing of wounds.

No. of Pages : 76 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7314/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING A VALVE AND TOOL FOR STAMPING A DOME IN AN ANCHOR PIN OF A VALVE

(51) International classification :B21J5/12,B21K1/22,F02M61/16
(31) Priority Document No :1252328
(32) Priority Date :15/03/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/052886
Filing Date :13/02/2013
(87) International Publication No :WO 2013/135451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBIN Samuel
3)VERDIER Elian

(57) Abstract :
The invention relates to a method for producing a valve in particular an electromagnetically actuatable pressure control valve for a high pressure accumulator of an internal combustion engine. The valve comprises an anchor pin (1) which is received in a valve housing in an axially movable manner and which has a dome (2) at one end face said dome being introduced by means of a stamping process. The dome (2) stamping process is carried out outside of the valve housing by means of a tool. A tool for stamping a dome (2) into an end face of an anchor pin (1) of such a valve comprises a guide body (4) with a guide bore (3) and a stamping body (6) which is received in the guide bore (3) for plastically deforming the end face of the anchor pin (1) the diameter of said guide bore (3) being selected in relation to the diameter of the anchor pin (1) such that a clearance of less than 15 micrometers preferably 10 micrometers remains between the inserted anchor pin (1) and the guide body (4).

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7315/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF MORPHINE ANALOGS VIA THE REACTION OF ORGANOMETALLIC REAGENTS WITH AN OXAZOLIDINE DERIVED FROM MORPHINANS

(51) International classification :C07D489/08
(31) Priority Document No :61/594678
(32) Priority Date :03/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050072
Filing Date :30/01/2013
(87) International Publication No :WO 2013/113120
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HUDLICKY Tomas
2)ENDOMA ARIAS Mary Ann

(57) Abstract :
The oxazolidine derived from the reaction of oxymorphone with the Burgess reagent temporariiy protected at 0 3 and C 6 reacts with Grignard or other suitable metallic or organometallic reagents to directly provide for example A/ allyl A/ methylcyclopropyl and /V methylcyclobutyl derivatives that are further converted into naltrexone naloxone nalbuphone and nalbuphine in excellent yields. These morphine analogs can be prepared from the oxazolidine in a one pot synthesis.

No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7316/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HUMAN STREPTOCOCCUS PNEUMONIAE ANTIBODIES AND USES THEREFOR

(51) International classification :G01N33/68,C07K16/12
(31) Priority Document No :61/593654
(32) Priority Date :01/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/021381
Filing Date :14/01/2013
(87) International Publication No :WO 2013/115962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SMITH Kenneth

(57) Abstract :
StreptococcusPneumoniaeStreptococcuspneumoniaeStreptococcus pneumoniaeThe present invention is directed to particular monoclonal antibodies and fragments thereof that find use in the detection prevention and treatment of infections. In particular these antibodies may kill or limit the replication of . Also disclosed are improved methods for producing such monoclonal antibodies.

No. of Pages : 158 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2014

(21) Application No.7318/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HIGH PRESSURE STRATIFICATION AND SPARK IGNITION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B19/02,F02B17/00,F02D13/02
(31) Priority Document No	:1251078
(32) Priority Date	:06/02/2012
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2013/050246 :05/02/2013
(87) International Publication No	:WO 2013/117857
(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)RABHI Vianney
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(72)**Name of Inventor :**
1)RABHI Vianney

(57) Abstract :
The present invention relates to a high pressure stratification and spark ignition device (2) for an internal combustion engine (1) including: a stratification valve (20) closing a stratification channel (23) that leads into a stratification antechamber (79) said channel also leading into a stratification chamber (24) connected to the combustion chamber (S) of the internal combustion engine (1) via a stratification injection pipe (39) wherein said channel opens in the vicinity of protruding electrodes (26) of a spark plug (25) said electrodes being positioned in said combustion chamber; a stratification actuator (27) which lifts the stratification valve (20); a stratification manifold (28) connecting the stratification antechamber (79) to the outlet of a stratification compressor (21); a stratification fuel injector (33); and a means (40) for recirculating pre cooled exhaust gases.

No. of Pages : 57 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7444/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LOW CTE ION EXCHANGEABLE GLASS COMPOSITIONS AND GLASS ARTICLES COMPRISING THE SAME

(51) International classification :C03C21/00,C03C17/02
(31) Priority Document No :61/604833
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028093
Filing Date :27/02/2013
(87) International Publication No :WO 2013/130665
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KICZENSKI Timothy J
3)MAURO John Christopher
4)SCHAUT Robert Anthony
5)SMEDSKJAER Morten Mattrup
6)VENKATARAMAN Natesan

(57) Abstract :
Glass compositions and glass articles comprising the glass compositions are disclosed. In one embodiment, a glass composition includes from about 65 mol.% to about 70 mol.% Si02; from about 9 mol.% to about 14 mol.% AI 2O3; and from about 0 mol.% to about 11 mol.% B 2O3 as glass network formers. The glass composition also includes from about 5 mol.% to less than 10 mol.% alkali oxide R2O, wherein R is at least one of Li, Na, and K. The glass composition also includes from about 3 mol.% to about 11 mol.% of divalent oxide MO, wherein M is at least one of Mg, Ca, Ba, SrO and Zn. The glass composition has a coefficient of thermal expansion which is less than or equal to 55xl0- 7/°C and is amenable to strengthening by ion-exchange. The glass com position is well suited for use as the glass cladding layers of a laminated glass article.

No. of Pages : 37 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7197/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A CALCIUM ALUMINATE CEMENT COMPOSITION CONTAINING A SET RETARDER OF AN ORGANIC ACID AND A POLYMERIC MIXTURE

(51) International classification :C04B28/06,C04B24/24,C04B22/08
(31) Priority Document No :13/467421
(32) Priority Date :09/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039008
Filing Date :01/05/2013
(87) International Publication No :WO 2013/169533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JOSEPH Trissa
2)CHAKRABORTY Pankaj P.
3)MELBOUCI Mohand

(57) Abstract :
A cement composition for use in an oil or gas well, the cement composition comprises: a calcium aluminate cement; water; an organic acid; and a polymeric mixture comprising: (A) water; (B) citric acid; (C) a first polymer, wherein the first polymer: (i) comprises a cellulose backbone and carboxymethyl functional groups: 10 and (ii) has a molecular weight of less than 100,000; and (D) a second polymer. wherein the second polymer: (i) comprises a lignosulfonate; and (ii) has a molecular weight of less than 100,000, wherein a test composition consisting essentially of: the cement; the water; the organic acid; and the polymeric mixture, and in the same proportions as in the cement composition has a thickening time of at least 5 hours at 15 a temperature of 300 °F (148.9 °C) and a pressure of 10,000 psi (68.9 MPa).

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7198/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD HAVING AUTONOMOUS CLOSURE

(51) International classification	:E21B21/10,E21B21/08,E21B34/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2012/036941 :08/05/2012
(87) International Publication No	:WO 2013/169234
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GANO John Charles
2)FRIPP Michael Linley

(57) Abstract :
A downhole fluid flow control system for autonomously controlling the inflow of production fluids. The fluid flow control system includes a flow control assembly having a fluid flow path through which a fluid flows. A support structure is positioned in the fluid flow path. A plug is releasably coupled to the support structure such that when fluid flow through the fluid flow path induces 10 sufficient movement in the support structure, the movement causes release of the plug from the support structure into the fluid flow path, thereby restricting subsequent fluid flow in at least one direction through the fluid flow path.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7199/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BIODEGRADABLE POLYMERS WITH PENDANT FUNCTIONAL GROUPS ATTACHED THROUGH AMIDE BONDS

(51) International classification	:C08G71/04,C08G63/685,C08G69/44
(31) Priority Document No	:61/605518
(32) Priority Date	:01/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/028637 :01/03/2013
(87) International Publication No	:WO 2013/130985
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)GOKHALE Sachin
3)XU Ying

(57) Abstract :
Amide compounds are defined and are polymerized to create polyesters and polyurethanes having amide units bearing a pendant functional group where the nitrogen atom of the amide group is part of the polymer backbone. The pendant functional group of the functionalized amide polymer may be modified or added by post polymerization functionalization of the functionalized amide polymer. The pendant functional group of the functionalized amide polymer may include a protecting group that may be removed after polymerization. The pendant functional groups of the functionalized amide polymers may be used to modulate the physical chemical and biological properties of the polymers.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7431/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MATERIAL FOR INSULATION SYSTEM INSULATION SYSTEM EXTERNAL CORONA SHIELD AND AN ELECTRIC MACHINE

(51) International classification :H01B3/44,H01B1/24,H02K3/30
(31) Priority Document No :12161149.5
(32) Priority Date :26/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/053310
Filing Date :20/02/2013
(87) International Publication No :WO 2013/143787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BROCKSCHMIDT Mario
2)GR–PPEL Peter
3)POHLMANN Friedhelm
4)ROHR Claus
5)R–DING Roland

(57) Abstract :
High voltage insulation systems are simplified and can have a thinner design by the use of an electrically conductive PTFE fabric wherein the thermal conductivity is also improved.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7432/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING CONJUGATE DIOLEFIN

(51) International classification :C07C7/10,C07C7/11,C07C11/167
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/056388
Filing Date :13/03/2012
(87) International Publication No :WO 2013/136434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKAGAKI Kazuhiro
2)YANO Hiroyuki

(57) Abstract :
The purpose of the present invention is to provide a method for producing a conjugate diolefin of high purity. [Solution] This method for producing a conjugate diolefin comprises a step for compressing a gas containing a conjugate diolefin which is generated when a starting gas containing a C4 or higher monolefin and an oxygen containing gas are fed to a reactor where the same are brought into contact with a catalyst and undergo oxidative dehydrogenation forming a liquefied gas therefrom and rinsing the liquefied gas using water.

No. of Pages : 70 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7347/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification :C08K5/01,C08L65/00,C08G61/12
(31) Priority Document No :1203159.7
(32) Priority Date :23/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050457
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present invention relates to organic copolymers and organic semiconducting compositions comprising these materials including layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing such organic semiconductor compositions and layers and uses thereof. The invention has application in the field of printed electronics and is particularly useful as the semiconducting material for use in formulations for organic thin filmtransistor (OFET) backplanes for displays integrated circuits organic light emitting diodes (OLEDs) photodetectors organic photovoltaic (OPV) cells sensors memory elements and logic circuits.

No. of Pages : 69 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7348/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification :C08G61/02,H01L51/00,C08L65/00
(31) Priority Document No :1203159.7
(32) Priority Date :23/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050458
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124683
(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 to organic copolymers and organic semiconducting compositions comprising these materials including layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing such organic semiconductor compositions and layers and uses thereof. The invention has application in the field of printed electronics and is particularly useful as the semiconducting material for use in formulations for organic thin film transistor (OTFT backplanes for displays integrated circuits organic light emitting diodes (OLEDs) photodetectors organic photovoltaic (OPV) cells sensors memory elements and logic circuits.

No. of Pages : 63 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7349/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC SEMICONDUCTOR COMPOSITIONS

(51) International classification :C08G61/02,C08G61/12,C08K5/01
(31) Priority Document No :1203159.7
(32) Priority Date :23/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050459
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present invention relates to organic copolymers and organic semiconducting compositions comprising these materials including layers and devices comprising such organic semiconductor compositions. The invention is also concerned with methods of preparing such organic semiconductor compositions and layers and uses thereof. The invention has application in the field of printed electronics and is particularly useful as the semiconducting material for use in formulations for organic thin film transistor (OTFT) backplanes for displays integrated circuits organic light emitting diodes (OLEDs) photodetectors organic photovoltaic (OPV) cells sensors memory elements and logic circuits.

No. of Pages : 63 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7450/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR CALIBRATING THE LEVEL OF OXYGEN IN RESPIRATORY GAS RELATED TO THE LEVEL OF OXYGEN IN THE BLOOD CIRCULATION OF AN INDIVIDUAL

(51) International classification	:A61B5/0205,A61B5/083,A61B5/1455
(31) Priority Document No	:PA 2012 00171
(32) Priority Date	:02/03/2012
(33) Name of priority country	:Denmark
(86) International Application No Filing Date	:PCT/DK2013/050052 :01/03/2013
(87) International Publication No	:WO 2013/127400
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)KARBING Dan Stieper
3)THOMSEN Lars Pilegaard

(57) Abstract :
The present invention relates to a method for calibrating or adjusting the level of oxygen in respiratory gas related to the level of oxygen in the blood circulation of the individual comprising providing a level of oxygen in the gas flow passing into or out of the respiratory system of the individual and producing a corresponding first output providing a level of oxygen in the blood circulation of the individual and producing a corresponding second output providing a computer for receiving and storing at least two measurements each measurement being the concurrent output of said first output and said second output within a data structure in which the two stored outputs are mutually related in data storage means associated with the computer the at least two measurements being conducted at respective levels of oxygen in the gas flow passing into the respiratory system and calibrating the level of oxygen in the gas value in response to a delay between the level of oxygen in the blood circulation of the individual and the level of oxygen in the gas flow passing into or out of the respiratory system of the individual.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.7209/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR DAMPING VIBRATIONS

(51) International classification :G01M13/02
(31) Priority Document No :A 50048/2012
(32) Priority Date :01/03/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050052
Filing Date :01/03/2013
(87) International Publication No :WO 2013/126940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LANG Marcus
3)PRESSL Bernd
4)ROSSEGGER Wilfried
5)VOIT Franz

(57) Abstract :
The invention relates to a method for damping vibrations while checking a drivetrain which has at least one shaft (1) and to a device for carrying out the method. The shaft (1) is connected to at least one drive or load machine (2) for adjustment of a drive or load torque a target value of the drive or load torque being specified for said machine. A shaft torque which is dependent on the relative rotation between two points on the shaft (1) is measured and the measured shaft torque as such is applied to the target value of the drive or load torque.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7342/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FIBERBOARD

(51) International classification :B27N3/04,B27N3/00,B27N3/14
(31) Priority Document No :2012052223
(32) Priority Date :08/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053072
Filing Date :08/02/2013
(87) International Publication No :WO 2013/132958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SUZUKI Shinichi
4)ASADA Teppei
5)TSUKAMOTO Seisuke
6)MATSUMURA Koichi
7)MORITA Kiyoshi
8)ONISHI Kenji

(57) Abstract :
Provided is a fiberboard such that the dimensional change due to the absorption or desorption of moisture is little. The present invention is a fiberboard (1) obtained by forming a mixture which comprises a plant fiber a bast fiber and an adhesive into a plate said plant fiber being a fiber obtained by removing a primary product from a herbaceous plant and mechanically crushing the remainder.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7344/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INSPECTION AND REPAIR MODULE

(51) International classification :G01N21/954,E04G23/00,G03B37/00
(31) Priority Document No :2012/01456
(32) Priority Date :28/02/2012
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2013/051589
Filing Date :28/02/2013
(87) International Publication No :WO 2013/128396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZINN Michael Trevor
2)WOODS Quinton Encombe
3)BUYS Petrus Hendrik

(57) Abstract :
The invention relates to an inspection and repair module for an internal side wall of a vertically erected structure with the module including a carrier for supporting at least one data recording mechanism and being securable to a hoist and for an inspection and repair module for an internal wall of a conduit with the module including propulsion means comprising a set of driven tracked wheels controllable by a controller carried by the carrier and configured to provide within a conduit longitudinal forward and reverse motion.

No. of Pages : 35 No. of Claims : 102

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7345/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NETWORK TRIGGERED MEASUREMENTS AND MEASUREMENT REPORTS BY USER EQUIPMENT

(51) International classification	:H04W36/00,H04W36/14,H04W48/18
(31) Priority Document No	:61/611820
(32) Priority Date	:16/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/SE2013/050228 :13/03/2013
(87) International Publication No	:WO 2013/137811
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)MELIN Lena
3)BRISMAR Sofia

(57) Abstract :
A method of operating a network node (130) to control measurements by a UE (110) in a communications system includes communicating a measurement configuration message to the UE (110) that configures a measurement that is to be performed by the UE (110) to generate a measurement report. The measurement report is received from the UE (110). The measurement configuration message can be communicated as an explicit indication to the UE (110) to proceed with performing the measurement defined by the measurement configuration message. The measurement configuration message can define a reporting criteria that triggers the UE (110) to communicate the measurement report when the reporting criteria is fulfilled. The reporting criteria may be a threshold value that the UE (110) compares to the measurement to determine whether to communicate the measurement report. Related methods of operating a UE (110) and corresponding network node (130) and UE (110) apparatuses are disclosed.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014
(21) Application No.7458/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CRANE PARTICULARLY BRIDGE CRANE OR GANTRY CRANE COMPRISING AT LEAST ONE CRANE GIRDER

(51) International classification :B66C6/00,E04C3/09
(31) Priority Document No :10 2012 102 808.7
(32) Priority Date :30/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/056763
Filing Date :28/03/2013
(87) International Publication No :WO 2013/144314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KREISNER Richard
3)KARDEN Michael
4)SCHLIERBACH KNOBLOCH Thomas

(57) Abstract :
The invention relates to a crane (1a, 1b) particularly a bridge crane or gantry crane comprising at least one crane girder (2) extending horizontally and designed as a truss with a plurality of braces (5) on which girder a crane trolley (9) with a lifting gear is movable at least some of the braces (5) having a flat shape. In order to provide a crane (1a, 1b) particularly a bridge crane or gantry crane with an improved crane girder (2) the invention proposes that the flat shaped braces (5) each have a flat main surface (5a) which extends in each case transversely to a longitudinal direction (LR) of the crane girder (2).

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7279/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : STEEL SLAG REDUCTION EQUIPMENT AND STEEL SLAG REDUCTION SYSTEM

(51) International classification :C21C5/52,C21C5/28,F27D15/00
(31) Priority Document No :2012144473
(32) Priority Date :27/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067675
Filing Date :27/06/2013
(87) International Publication No :WO 2014/003127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ARAI Takashi
3)FUKUMURA Hiroki

(57) Abstract :
This steel slag reduction equipment continuously reduces hot steel slag using an electric furnace and is provided with: a slag supply container inside the electric furnace into which hot steel slag flows; an electrode that is provided to the electric furnace and heats a molten slag layer on molten iron generated by reducing the hot steel slag; an auxiliary material supply part that supplies auxiliary material containing a reducing material to the molten slag layer; and a tilting device that tilts the slag supply container so as to adjust the amount of hot steel slag that flows into the electric furnace.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014
(21) Application No.7280/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DETERMINING ANATOMICAL ORIENTATIONS

(51) International classification :A61B19/00,A61F2/46
(31) Priority Document No :61/604612
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027042
Filing Date :21/02/2013
(87) International Publication No :WO 2013/130326
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BETTENGA Mason James

(57) Abstract :
Methods systems and apparatus for determining anatomical orientations are described. Data is received that indicates a position of a reference device configured to move with a pelvis of a subject. Data is received that indicates locations corresponding to a reference surface. Data is received that indicates locations on the pelvis. One or more anatomical orientations are determined based on the locations corresponding to the reference surface and the locations on the pelvis. The anatomical orientations are registered to the reference device.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7399/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR H5N1 AND H1N1 INFLUENZA VIRUSES

(51) International classification	:C07K14/11,C12N15/44,A61K39/145
(31) Priority Document No	:61/617815
(32) Priority Date	:30/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/030530 :12/03/2013
(87) International Publication No	:WO 2013/148164
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROSS Ted M.
2)CREVAR Corey J.
3)CARTER Donald M.

(57) Abstract :
Described herein is the generation of optimized H5N1 and H1N1 influenza HA polypeptides for eliciting a broadly reactive immune response to influenza virus isolates. The optimized HA polypeptides were developed through a series of HA protein alignments and subsequent generation of consensus sequences based on H5N1 and H1N1 influenza isolates. Provided herein are optimized H5N1 and H1N1 influenza HA polypeptides and compositions fusion proteins and VLPs comprising the HA polypeptides. Further provided are codon optimized nucleic acid sequences encoding the HA polypeptides. Methods of eliciting an immune response against influenza virus in a subject are also provided by the present disclosure.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7470/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HYDROCYCLONE WITH FINE MATERIAL REDUCTION IN THE CYCLONE UNDERFLOW

(51) International classification :B04C5/04,B04C5/081
(31) Priority Document No :A 177/2012
(32) Priority Date :10/02/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2013/000380
Filing Date :08/02/2013
(87) International Publication No :WO 2013/117342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KRAMER Michael

(57) Abstract :
The invention relates to a hydrocyclone (1) comprising an inflow region (2) with a tangential inlet (4) for a feed slurry (6) and comprising a separating region (3) which adjoins the inflow region (2) and which comprises an underflow nozzle (8) for discharging coarse materials or coarse granules. According to the invention at least one additional inlet (5) for feeding a blocking fluid flow (7) is provided in the region of the tangential inlet (4) said blocking fluid flow (7) and the feed slurry (6) being separated from each other by a lamella (10) at least in the upper region of the hydrocyclone (1). The invention also relates to a method for operating the hydrocyclone (1) according to the invention.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7471/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GRANULATED FOAM CONTROL AGENT FOR THE RINSE CYCLE USING SILOXANE WAX

(51) International classification :C11D3/00,C11D3/37,C11D3/12
(31) Priority Document No :PCT/US2012/025474
(32) Priority Date :16/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050977
Filing Date :15/08/2012
(87) International Publication No :WO 2013/122619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PAGNONI Corina
3)SIMON Christel
4)ZIOLKOWSKI Nicolas

(57) Abstract :
A granulated antifoam composition comprising an antifoam a siloxane wax binder and a carrier. The antifoam includes a hydrophobic fluid wherein the hydrophobic fluid has a surface tension which is greater than or approximately equal to the dynamic surface tension of an aqueous dispersion of the detergent at above the critical micelle concentration of the surfactant and less than about 62 mN/m. The antifoam further includes a finely divided solid hydrophobic filler dispersed in the hydrophobic fluid.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7299/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ANTIBODIES THAT NEUTRALIZE RSV MPV AND PVM AND USES THEREOF

(51) International classification :C07K16/10,A61K39/395,A61P31/14
(31) Priority Document No :61/613197
(32) Priority Date :20/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/000627
Filing Date :14/03/2013
(87) International Publication No :WO 2013/140247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CORTI Davide

(57) Abstract :
The disclosure relates to antibodies and antigen binding fragments thereof that neutralize infection of both RSV MPV and PVM. The disclosure also relates to nucleic acids that encode immortalized B cells and cultured plasma cells that produce and to polypeptides that bind to such antibodies and antibody fragments. In addition the disclosure relates to the use of the antibodies antibody fragments and polypeptides recognized by the antibodies of the invention in screening methods as well as in the diagnosis treatment and prevention of RSV or MPV infection and RSV and MPV co infection.

No. of Pages : 113 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7428/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RELEASE DEVICE FOR ACTUATING A DELIVERY CATHETER

(51) International classification :A61F2/95
(31) Priority Document No :20 2012 002 563.5
(32) Priority Date :12/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/053227
Filing Date :19/02/2013
(87) International Publication No :WO 2013/135462
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROTH Michael
2)PREISER J¼rgen

(57) Abstract :
The invention relates to a release device for actuating a delivery catheter which comprises an outer casing and a mandrin which is movably arranged in the outer casing. The release device comprises an elongated handle a fixing seat which is arranged on the handle and which is designed to fix a proximal end piece of the mandrin on the handle in a stationary manner relative to the longitudinal axis of the handle and a guide which is formed on the handle and which is designed to receive an actuating element that is arranged on the proximal end region of the outer casing in a movable manner with respect to the longitudinal axis of the handle and with respect to the mandrin. The handle comprises an elongated base part and an adjusting part which is connected to the base part and which can be adjusted along the longitudinal axis of the base part. The adjusting part can be switched between an adjusting state in which the adjusting part is held on the base part in an axially movable manner in order to change the length of the guide and a locking state in which the adjusting part is locked on the base part at least in an axial manner.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7429/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PERFORMANCE BASED SPORTS SCORING SYSTEM

(51) International classification :G06F19/00,A63B71/06
(31) Priority Document No :61/606536
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029107
Filing Date :05/03/2013
(87) International Publication No :WO 2013/134257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KNAPP Michael
2)STANFIELD Jack

(57) Abstract :
An automated replicable process based original concept that provides a self validating defined quantification of the relevance of a series of plays or physical and/or mental efforts of competing simultaneously occurring diametrically opposed strategy and tactics of two or more different teams or individuals engaged in a contest or exhibition of athleticism and skill resulting in a traditionally defined winner and loser or ranking of participants based on their performance relative to one another.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7489/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FISCHER TROPSCH SYNTHESIS

(51) International classification :C10G2/00
(31) Priority Document No :2012/01405
(32) Priority Date :24/02/2012
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2013/051364
Filing Date :20/02/2013
(87) International Publication No :WO 2013/124793
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VOGEL Alex Philip

(57) Abstract :
A process (10) to produce Fischer-Tropsch products includes feeding feed synthesis gas (30) with a substantially constant target feed synthesis gas H2/CO ratio to a Fischer-Tropsch synthesis stage (1 6). A portion of the feed synthesis gas (30) is converted to Fischer-Tropsch products in the Fischer-Tropsch synthesis stage (16). The Fischer-Tropsch products (20) from the Fischer-Tropsch synthesis stage (16) are withdrawn. A Fischer-Tropsch synthesis stage tail gas (26) which includes unconverted H2 and CO is obtained. The operating conditions of the Fischer-Tropsch syn thesis stage (1 6) are manipulated to achieve a substantially constant target tail gas H2/CO ratio, with the target tail gas H2/CO ratio being substantially different from the target feed synthesis gas H2/CO ratio.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.7293/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : USE OF A LATENTLY REACTIVE ADHESIVE FILM FOR ADHESIVE BONDING OF ELOXATED ALUMINIUM TO PLASTIC

(51) International classification :C09J7/00,C09J7/02,C08K5/32
(31) Priority Document No :10 2012 203 249.5
(32) Priority Date :01/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/053542
Filing Date :22/02/2013
(87) International Publication No :WO 2013/127697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DOLLASE Thilo
3)REITER Sven
4)HANNEMANN Frank

(57) Abstract :
To adhesively bond eloxated aluminium to plastic a product having at least one layer of a latently reactive adhesive film which has a thermoplastic component which has a melting point T(melting) such that 35°C = T(melting) = 90°C in particular 40°C = T(melting) = 60°C and contains functional groups which can react with isocyanate and an isocyanate containing component which is dispersed in particulate form in the thermoplastic component and is essentially deactivated in the region of the particle surface where the particles have a start temperature T(start) such that 40°C = T(start) =100°C in particular 45°C = T(start) = 90°C particularly preferably 45°C =T(start) = 75°C; where T(start) = T(melting) is used. Laminates of eloxated aluminium with the abovementioned adhesive product and plastic are employed in particular in the electronics industry e.g. in mobile telephones or laptop computers.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7407/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR PREPARING CIS-ALKOXY-SUBSTITUTED SPIROCYCLIC PHENYLACETYLAMINO ACID ESTERS AND CIS-ALKOXY-SUBSTITUTED SPIROCYCLIC l-H-PYRROLIDINE-2,4-DIONE DERIVATIVES

(51) International classification	:C07C231/12,C07C233/52,C07D263/52
(31) Priority Document No	:12161837.5
(32) Priority Date	:28/03/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/056318 :25/03/2013
(87) International Publication No	:WO 2013/144101
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)MAIWALD Berndt
3)LITTMANN Martin
4)ETZEL Winfried

(57) Abstract :
The present invention relates to a novel process for preparing cis-alkoxy-substituted spirocyclic phenylacetylamino acid esters and cis-alkoxy-substituted spirocyclic l-H-pyrrolidine-2,4-dione derivatives and also Compounds which go through or are used in the process of the invention.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7410/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TYROSINE KINASE INHIBITOR COMBINATIONS AND THEIR USE

(51) International classification :A61K45/06,A61K31/5025,A61K31/506
(31) Priority Document No :61/619502
(32) Priority Date :03/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/034759
Filing Date :01/04/2013
(87) International Publication No :WO 2013/151913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HARBINSKI Fred
4)SANGHAVI Sneha
5)JEFFERY Douglas
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(57) Abstract :
The invention relates to pharmaceutical combination product comprising (i) a MET inhibitor and (ii) an FGFR inhibitor or a pharmaceutically acceptable salt thereof respectively or a prodrug thereof respectively and at least one pharmaceutically acceptable carrier.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7480/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WORKPIECE POSITIONING STRUCTURE AND WORKPIECE POSITIONING METHOD

(51) International classification :F16B5/00
(31) Priority Document No :2012-050328
(32) Priority Date :07/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2013/000498
Filing Date :05/03/2013
(87) International Publication No :WO 2013/132318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SEKIGUCHI Tomohiko

(57) Abstract :
A positioning structure that positions two workpieces 1, 2 includes a one positioning portion la that is provided on one of the workpieces 1 and includes one inverted portion 5 and a protruding portion 10; and a other positioning portion 2a that is provided on the other workpiece 2 and includes another inverted portion 8 and a receiving portion 21, the two positioning portions positioning the two workpieces by overlapping an end portion of the one positioning portion face to face with an end portion of the other positioning portion. The two inverted portions are each such that alignment of the positioning portion is inverted when the one positioning portion is overlapped with the other positioning portion the protruding portion is arranged on the end portion side of the one positioning portion and is provided protruding toward an overlapping side and the receiving portion engages with the protruding portion when the one positioning portion is overlapped with the other positioning portion.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7481/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SEMISYNTHETIC DERIVATIVES OF NYSTATIN Ai

(51) International classification :C07H17/08,A61P31/10
(31) Priority Document No :P.398390
(32) Priority Date :09/03/2012
(33) Name of priority country :Poland
(86) International Application No :PCT/EP2013/054621
Filing Date :07/03/2013
(87) International Publication No :WO 2013/132014
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BOROS MAJEWSKA Joanna
4)MILEWSKA Maria
5)WYSOCKA Malgorzata
6)MILEWSKI Slawomir
7)SKLADANOWSKI Andrzej
8)TREDER Adam
9)SADOWSKA Ewa
10)LACKA Izabela

(57) Abstract :
The invention provides semisynthetic derivatives of Nystatin Ai, water soluble salts and complexes, pharmaceutical compositions and plant protection products comprising the derivatives and their use as antifungal antibiotics (Formula 1a).

No. of Pages : 62 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7337/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING BEACON INFORMATION

(51) International classification :H04B7/06,H04B7/08,H04W48/12
(31) Priority Document No :61/606180
(32) Priority Date :02/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028662
Filing Date :01/03/2013
(87) International Publication No :WO 2013/130998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GHOSH Monisha
3)LOU Hanquing
4)WANG Lei
5)WANG Xiaofei
6)ZHANG Guodong

(57) Abstract :
A method for beacon information provisioning transmissions and protocol enhancements includes defining multiple level beacons based on the attributes of beacon information fields/elements. A short beacon may be used in addition to a primary beacon in space time block code (STBC) modes non-STBC modes and in multiple bandwidth modes. The short beacons may also be used for Fast Initial Link Setup (FILS) and to extend system coverage range. Beacon transmissions may use adaptive modulation and coding set/scheme (MCS).

No. of Pages : 91 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7338/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS FOR FORMING FLUFF PULP SHEETS

(51) International classification :D21F1/08,D21F9/00,D21F11/14
(31) Priority Document No :13/398144
(32) Priority Date :16/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/023062
Filing Date :25/01/2013
(87) International Publication No:WO 2013/122731
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAAKKOLA Jyriki T.
2)SEALEY James E.

(57) Abstract :
An improved processes for making fluff pulp sheets mechanically eliminates many of the unwanted fiber to fiber bonding (fiber bundles) which may be contained in the sheet to produce consistent and uniform quality fluff pulp. Pulp slurry is deposited on a moving bottom forming wire to form a stock web. Pulp slurry is brought into contact with a moving top forming wire. The stock web is subjected to up and down dewatering creating separately formed layers to reduce fiber to fiber bonding. The stock web can be subjected to strong pulsating shear forces as it is being advanced along the bottom forming wire to break a majority of fiber bundles contained in the web. The pulp slurry can be deposited on the bottom forming wire utilizing a headbox with dilution control to selectively adjust the concentration of the pulp slurry. A shoe press can be used to dewater the web after it is subjected to the pulsating shear forces. The web can be dried utilizing conventional drying equipment such as cylindrical driers.

No. of Pages : 31 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.7339/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL BALLOON WITH RADIOPAQUE END PORTION FOR PRECISELY IDENTIFYING A WORKING SURFACE LOCATION

(51) International classification :A61M25/10
(31) Priority Document No :2008440
(32) Priority Date :09/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/US2013/029967
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CRALL Angela Susan
2)RANDALL Scott Lee
3)RIGHI Robert
4)WALL Sean

(57) Abstract :
A balloon catheter comprises an elongated tubular shaft extending in a longitudinal direction said shaft having a proximal end and a distal end. An inflatable balloon is supported along the distal end of the shaft the balloon when inflated including a generally cylindrical barrel section forming a working surface and generally conical end sections that do not form a part of the working surface. The balloon further includes at least one radiopaque identifier for indicating the relative position of the working surface said identifier being provided on at least one of the conical end sections of the balloon so as to define the extent of the working surface. Related aspects are also disclosed.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7509/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PHOSPHOINOSITIDE 3 KINASE INHIBITORS

(51) International classification :C07D413/14,A61K31/437,A61P25/00
(31) Priority Document No :1204125.7
(32) Priority Date :08/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050583
Filing Date :08/03/2013
(87) International Publication No :WO 2013/132270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHUTTLEWORTH Stephen Joseph
2)SILVA Franck Alexandre

(57) Abstract :
A compound of formula I: or a pharmaceutically acceptable salt thereof, wherein: R1, R2, R3, R,and R6 are each independently (LQ)mY; R4 is H, halogen, optionally substituted aryl or optionally substituted alkyl; and; each X is independently CR7 or N. The compounds are PI3K inhibitors and therefore have potential utility in therapy.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7510/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EPOXY SILOXANE COATING COMPOSITIONS

(51) International classification :C09D163/00,C09D183/04
(31) Priority Document No :13/415925
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029802
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOWRER Norman R.

(57) Abstract :
Epoxy-polysiloxane based coating and flooring compositions exhibiting improved flexibility and excellent weatherability and corrosion resistance after curing are described. The epoxy polysiloxane polymer coating composition may be prepared by combining a polysiloxane an epoxide resin material and a cure system including a blend of compounds selected from a dialkoxy functional aminosilane a trialkoxy functional aminosilane and an amino functional polysiloxane resin where the blend has an average alkoxy functionality value ranging from 2.0 to 2.8

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7361/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ISOCYANATE BASED PREPOLYMER

(51) International classification :C08G18/28,C08G18/76,C09J175/04
(31) Priority Document No :12162092.6
(32) Priority Date :29/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055658
Filing Date :19/03/2013
(87) International Publication No :WO 2013/143915
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VERBEKE Wesley
2)LEROY Dimitri

(57) Abstract :
The invention relates to an isocyanate containing prepolymer obtainable by reacting at least one isocyanate with at least one first compound selected from the group comprising monohydric alcohols thiols and secondary amines; wherein the ratio of the NCO value of the isocyanate containing prepolymer to the OH SH or NH value of said monohydric alcohol thiol or secondary amine respectively ranges from 0.0005 to 1.0000 and wherein said at least one first compound is present in a total amount of at least 40% by weight based on the total weight of the isocyanate containing prepolymer.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7362/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ISOCYANATE BASED PREPOLYMER

(51) International classification :C08G18/10,C08G18/12,C08G18/28
(31) Priority Document No :12162093.4
(32) Priority Date :29/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055660
Filing Date :19/03/2013
(87) International Publication No :WO 2013/143916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :500 Huntsman Way Salt Lake City Utah 84108 U.S.A.
(72)**Name of Inventor :**
1)LEROY Dimitri
2)VERBEKE Wesley

(57) Abstract :
The invention relates to an isocyanate containing prepolymer obtainable by reacting at least one isocyanate which comprises methylene diphenyl diisocyanate with at least one first compound selected from the group comprising monohydric alcohols thiols and secondary amines and with at least one second compound selected from the group comprising monohydric alcohols thiols and secondary amines.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7363/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MODULAR CONSTRUCTION SYSTEM

(51) International classification :E04B2/58,E04B2/60,E04C2/08
(31) Priority Document No :1202273.7
(32) Priority Date :09/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050013
Filing Date :07/01/2013
(87) International Publication No :WO 2013/117892
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GALLOCHER Stewart

(57) Abstract :
A modular construction system in which a number of three dimensional construction elements are adjoined to form a modular wall, ceiling or floor assembly. In their pre-assembly condition, each three dimensional construction element is formed from a planar metallic sheet (10) sub-divided by fold lines (12a, 12b) into panels (14, 16, 18) defining a multi-panelled sheet. Each panel lies in a common plane and at least one of the panels is deformable along its fold lines out of said common plane to form an assembled three-dimensional construction element for adjoining to other three-dimensional construction elements. At least one panel is provided with an opening (14a, 16a) dimensioned to allow the passage of a reinforcement or stabilising material through the as -sembled three-dimensional construction element.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7364/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A TOUCH SENSING DEVICE AND A DETECTION METHOD

(51) International classification :G06F3/044
(31) Priority Document No :61/595309
(32) Priority Date :06/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2013/050129
Filing Date :06/02/2013
(87) International Publication No :WO 2013/117815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VON PFALER Jan
3)MIKLADAL Bj¸rn Fri°ur
4)AITCHISON Bradley J.
5)BROWN David P.

(57) Abstract :
A touch sensing device comprising: a touch sensitive film a signal filter electrical circuitry and a processing unit. According to the invention the film is capable of capacitive or inductive coupling to an external object when a touch is made by the object. The signal filter is formed at least by the resistance of the film and the capacitive or inductive coupling to the external object and the filter has properties affected at least by location of the touch and/or capacitance or inductance of the touch. The electrical circuitry is coupled to the touch sensitive film at one or more locations and configured to supply one or more excitation signals at least one frequency amplitude and wave form into the signal filter and to receive one or more response signals from the signal filter. The processing unit is coupled to the electrical circuitry and is configured to detect the presence or proximity of a touch by the external object the location of said touch the capacitance and/or inductance of said touch by processing one or more response signals and thereby measuring changes in the properties of the signal filter.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7365/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR THE CONTROL OF A WIND TURBINE WITH NO MAINS SUPPORT AVAILABLE

(51) International classification :F03D7/02
(31) Priority Document No :10 2012 204 239.3
(32) Priority Date :16/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/054179
Filing Date :01/03/2013
(87) International Publication No :WO 2013/135504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BEEKMANN Alfred

(57) Abstract :
The invention relates to a method for the control of a wind turbine (1) comprising a generator and intended to feed electrical power into an electricity supply network (6) but not yet connected to the electricity supply network (6) comprising the following steps: generation of electrical power by the generator and supply of electrical elements of the wind turbine (1) with the power generated and a wind turbine (1) for the generation of electrical power from wind energy and for feeding the electrical power generated into an electricity supply network (6) characterized in that a method in accordance with one of the preceding claims is executed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7359/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DISTRIBUTED STORAGE SYSTEM CONTROL DEVICE CLIENT TERMINAL METHOD AND PROGRAM FOR DISTRIBUTING LOAD

(51) International classification :H04L12/717
(31) Priority Document No :2012-079952
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059567
Filing Date :29/03/2013
(87) International Publication No :WO 2013/147175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
The purpose of this invention is to make the unification of selected nodes of a transfer destination server consistent with reducing the delay of a request process in a distributed storage system for managing key value type data. The distributed storage system includes: a plurality of servers for storing data the servers being associated with respective key information; a packet transfer device which upon receiving a new packet addressed to the server including the key information requests that a control device decide on a transfer destination from among the plurality of servers; and a control device provided with a transfer destination selection part for deciding the requested packet transfer destination on the basis of key information included in the packet and an entry setup part for configuring in the packet transfer device on the path to the transfer destination a flow entry for transferring a subsequent packet including the same key information to the transfer destination. The packet transfer device uses the configured flow entry to transfer a packet including the same key information to the transfer destination.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7360/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BEVERAGE VENDING MACHINE AND OUTFLOW MODULE FOR SUCH A BEVERAGE VENDING MACHINE

(51) International classification :A47J31/44,G07F13/06,A47J31/40
(31) Priority Document No :00342/12
(32) Priority Date :09/03/2012
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2013/052779
Filing Date :12/02/2013
(87) International Publication No :WO 2013/131722
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LSSI Andr
3)MOSIMANN Bruno
4)AEBERHARD Bruno

(57) Abstract :
A beverage vending machine has a housing (11), in which first means (19, 20, 21, 22, 25, 26) for brewing and dispensing a coffee beverage prepared using freshly ground coffee are housed. Flexible configuration is made possible in that the first means (19, 20, 21, 22, 25, 26) have a modular construction and comprise at least one base module (20) for brewing the coffee beverage and a separate outflow module (19) for dispensing the coffee beverage, which are in fluid connection with one another by means of one or more fluid interfaces.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7514/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : THERMOSTAT DEVICE AND COOLING SYSTEM

(51) International classification :F01P7/16,F16K31/68
(31) Priority Document No :1250351-2
(32) Priority Date :05/04/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/050326
Filing Date :25/03/2013
(87) International Publication No :WO 2013/151486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)UHMAN Fredrik

(57) Abstract :
The invention concerns a thermostat device (1) for a cooling system in a motor vehicle comprising: an inlet duct (3) intended to receive cooling fluid that is circulated through the combustion engine of the motor vehicle an inlet opening (17) intended to receive cooling fluid from a pilot line in the cooling system a first and second outlet duct (5a, 5b) and an axially displaceable valve rod (11), on which a valve body (10) is secured. A temperature dependent activating element (14) is arranged so as to influence the displacement position of the valve rod in dependence upon the temperature of the cooling fluid that is received via the inlet opening (17) and said inlet opening is connected with the second outlet duct (5b) via a connecting duct (18) that extends in an axial direction through the valve rod. The invention also concerns a cooling system comprising such a thermostat device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014
(21) Application No.7515/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MOTOR VEHICLE COMPRISING A TWO PART REAR FLOOR AND MEANS FOR STIFFENING THE FRONT PART

(51) International classification :B62D25/20
(31) Priority Document No :1251609
(32) Priority Date :22/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/052768
Filing Date :12/02/2013
(87) International Publication No :WO 2013/124186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEFEBVRE Benjamin

(57) Abstract :
Motor vehicle comprising a rear floor (2) comprising a front part (3) and a rear part (4) which are connected by connecting means a front floor connected to the front part (3) of the rear floor (2) an upper floor (5) covering the front part (3) of the rear floor (2) and a fuel tank positioned under the rear floor (2). The rear floor (2) comprises means (7) for stiffening the front part (3) in contact with the upper floor (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7392/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INJECTABLE COMPOSITION CONTAINING PHOSPHATIDYLCHOLINE DEVOID OF SODIUM DEOXYCHOLATE AND PREPARING METHOD THEREOF

(51) International classification	:A61K31/661,A61K31/66,A61K31/675
(31) Priority Document No	:10-2012-0012360
(32) Priority Date	:07/02/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/000999 :07/02/2013
(87) International Publication No	:WO 2013/119059
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)LEE Jong Hyuk
3)SEONG Ilkyeong

(57) Abstract :
The present invention provides an injectable composition containing phosphatidylcholine comprising phosphatidylcholine; ethanol; propylene glycol and/or benzyl alcohol; polysorbate and/or macrogol 15 hydroxystearate; and a balance of water or water for injection and a preparing method thereof. An injectable composition of the present invention comprises no sodium deoxycholate which is known as carcinogenic and therefore the more safe injectable composition of phosphatidylcholine can be prepared.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7393/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TURBINE SYSTEM WITH THREE TURBINES COUPLED TO A CENTRAL GEARBOX AND METHOD FOR OPERATING A WORK MACHINE

(51) International classification :F01D13/00,F01D13/02,F01D15/12
(31) Priority Document No :10 2012 205 159.7
(32) Priority Date :29/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/055341
Filing Date :15/03/2013
(87) International Publication No :WO 2013/143877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NEUMANN Volker
3)OVERATH Marc
4)SCHLEER Matthias

(57) Abstract :
The turbine system (110) has: (A) a first turbine (151) (B) a second turbine (152) (C) a third turbine (153) (D) a central gearbox (130) mechanically coupled on the input side to the three turbines and having a mechanical connection on the output side for connecting a work machine (120) (E) a first fluid line (161) for conveying a working fluid from the first turbine (151) to the second turbine (152) (F) a second fluid line (162) for conveying the working fluid from the second turbine (152) to the third turbine (153) (G) a first connecting unit (171) designed such that a first partial mass flow (171a) of the working fluid can be removed from the first fluid line (161) or supplied to the first fluid line (161) and (H) a second connecting unit (172) designed such that a second partial mass flow (172a) of the working fluid can be removed from the second fluid line (162) or supplied to the second fluid line (162). A turbine facility (100) with such a turbine system (110) and a method for operating a work machine (120) are also described.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7394/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MAGNETIC ENCODER APPARATUS

(51) International classification :G01D5/14,G01D5/244
(31) Priority Document No :1204066.3
(32) Priority Date :08/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/000090
Filing Date :06/03/2013
(87) International Publication No :WO 2013/132207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)OGRIN Aljaz
3)DOLSAK Gregor
4)HAJDINJAK Blaz

(57) Abstract :
Magnetic encoder apparatus (2) is described that comprises a plurality of magnetic sensor elements (e.g. Hall sensors) for reading an associated magnetic scale (4; 10) that produces a periodically repeating magnetic pattern. The plurality of magnetic sensor elements produce a plurality of sensor signals and an analyser (7) is provided for analysing the plurality of sensor signals to provide a measure of the position of the magnetic sensor elements relative to the associated magnetic scale (4; 10). The analyser (7) is arranged to use the plurality of sensor signals to assess the period (60) of the periodically repeating magnetic pattern sensed by the plurality of magnetic sensor elements. In this manner the requirement to carefully match the period of the sensor elements with the periodically repeating magnetic pattern of the associated magnetic scale (4; 10) is avoided.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7395/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VEHICLE SEAT

(51) International classification :B60N3/00
(31) Priority Document No :10 2012 012 850.9
(32) Priority Date :26/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/062904
Filing Date :20/06/2013
(87) International Publication No :WO 2014/001194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOSTRZAB Slawomir

(57) Abstract :
The invention relates to a vehicle seat (1) comprising a backrest (10) and a table unit (40) which is pivotable about a pivot axis (S) from a not in use position into a use position wherein the backrest (10) comprises a backrest cover (20) to which the table unit (40) is fastened. A prestressed table spring (34) is provided here wherein the table unit (40) is held on the backrest (10) by a spring force applied by the table spring (34) and wherein the table spring (34) is arranged on that side of the backrest cover (20) which faces away from the table unit (40).

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7371/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RAIL VEHICLE PROVIDED WITH EVACUATION DEVICE AND EVACUATION DEVICE MOUNTING METHOD

(51) International classification	:B61K13/04,A62B1/20,B61B13/06
(31) Priority Document No	:2012-052751
(32) Priority Date	:09/03/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/080452 :26/11/2012
(87) International Publication No	:WO 2013/132705
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)KUNIMOTO Junichi

(57) Abstract :
The invention is an evacuation device provided on a rail vehicle operated along an elevated railway. Using the evacuation device which has been installed with a side sliding door of the rail vehicle open the safety of an evacuating evacuee and of an evacuation guidance provider who guides the evacuee is increased. A screen (280) provided in a folded state at an upper portion of a body frame (210) is opened and locks an upper fixed portion (284) of the screen (280) with a lock section (286) provided at an upper portion of an entrance/exit. Since a lower portion fixed portion (282) of the screen (280) is connected to an upper end portion of the body frame (210) the screen (280) is capable of screening a space extending from an upper portion of the evacuation device (200) to the upper portion of the entrance/exit. So as to enable the evacuation guidance provider to visually inspect the condition of the evacuee the screen (280) material may be a sheet or a net said sheet being partially provided with a window or a permeable material.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7372/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HERBICIDAL COMPOUNDS

(51) International classification :C07D403/12,C07D401/14,C07D405/14
(31) Priority Document No :1205654.5
(32) Priority Date :29/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/056569
Filing Date :27/03/2013
(87) International Publication No :WO 2013/144231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAGEOT Olivia Anabelle

(57) Abstract :
The present invention relates to compounds of Formula (I), or an agronomically acceptable salt of said compounds wherein A1, A2, A3, A4, A5, X, R1, R2 and R6 are as defined herein. The invention further relates to herbicidal compositions which comprise a compound of Formula (I), and to their use for controlling weeds, in particular in crops of useful plants.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7373/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND APPARATUS FOR IMPARTING FALSE TWIST TO YARN BEFORE RING SPINNING

(51) International classification :D01H1/11,D02G1/04
(31) Priority Document No :61/616198
(32) Priority Date :27/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/073239
Filing Date :27/03/2013
(87) International Publication No :WO 2013/143455
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)XU Bingang
3)HUA Tao
4)FENG Jie
5)GUO Heng
6)JIA Yunhui

(57) Abstract :
A method and apparatus for imparting false twist to a short staple yarn delivered from a nip of a pair of front drafting rollers before ring spinning. Downstream of the nip the twisted yarn is drawn sequentially across first and second runs of travelling endless belts such that the yarn wraps about a first convex surface of the first run then passes between the first and second runs before wrapping about a second convex surface of the second run. Friction between each of the first and second convex surfaces and the yarn imparts the false twist in a common direction. Maintaining a differential between first and second linear speeds of the first and second runs respectively has been found to reduce yarn defects particularly the nep count.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7374/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SEALING RING CABLE SPLICING ENCLOSURE AND METHOD OF SEALING CABLE IN CABLE SPLICING ENCLOSURE

(51) International classification :H02G3/08,H02G3/22
(31) Priority Document No :201210037494.1
(32) Priority Date :20/02/2012
(33) Name of priority country :China
(86) International Application No :PCT/IB2013/051314
Filing Date :18/02/2013
(87) International Publication No :WO 2013/124781
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG Liming

(57) Abstract :
A sealing ring (10) for a cable (300) comprising: a ring body (11) formed by winding an elastic tape with adjacent elastic tape layers of the elastic tape being detachably adhered to each other and the ring body (11) having a shrinkable side opening (12) formed by radially cutting the ring body (11) and configured to radially run through the ring body (11) so that the cable can be radially put inside the ring body through the shrinkable side opening; and an extension portion (13) configured to extend from the outmost layer of the elastic tape of the ring body (11) at one side of the shrinkable side opening and capable of being adhered to the outmost layer of the elastic tape at the other side of the shrinkable side opening to enclose the shrinkable side opening (12).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7415/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WATER TREATMENT FILTER AID AND WATER TREATMENT METHOD

(51) International classification :C02F1/28,B01D37/02,B01J20/26
(31) Priority Document No :2012-076723
(32) Priority Date :29/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073191
Filing Date :11/09/2012
(87) International Publication No :WO 2013/145372
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FUKAYA Taro
2)YAMAZAKI Atsushi
3)TSUTSUMI Kenji
4)YAMANASHI Ichiro

(57) Abstract :
This filter aid comprises an aggregate resulting from a plurality of magnetic primary particles aggregating. The magnetic primary particles have: magnetic inorganic particles having an average particle size of 5-40 μm inclusive; and a coating layer that covers some or all of the surface of the magnetic inorganic particles and contains an organic fluorine compound supported by the magnetic inorganic particles. The value of circularity of a 2D projected image projected onto a plane in a microscope field of view is in the range of at least 0.40 and less than 1.00 (not including 1.00).

No. of Pages : 86 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7416/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CATALYTIC CONVERSION OF HYDROXYPROPIONIC ACID OR ITS DERIVATIVES TO ACRYLIC ACID OR ITS DERIVATIVES

(51) International classification	:C08F220/06,A61L15/60,C08L33/02
(31) Priority Document No	:61/623054
(32) Priority Date	:11/04/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/036161 :11/04/2013
(87) International Publication No	:WO 2013/155295
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)VELASQUEZ Juan Esteban
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4)COLLIAS Dimitris Ioannis

(57) Abstract :
Methods for catalytically dehydrating hydroxypropionic acid, hydroxypropionic acid derivatives, or mixtures thereof to acrylic acid, acrylic acid derivatives, or mixtures thereof with high yield and selectivity and without significant conversion to undesired side products, such as, acetaldehyde, propionic acid, and acetic acid, are provided. The catalysts are mixed condensed phosphates.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014
(21) Application No.7417/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MANUAL CONTROL DEVICE AND METHOD

(51) International classification :E02F9/20,G05G1/08
(31) Priority Document No :13/412354
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028841
Filing Date :04/03/2013
(87) International Publication No :WO 2013/134111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ELLIOTT Christopher M.

(57) Abstract :
A manual control device (406) for a machine (100) includes a handle (409) having a variable damper (412) configured to alter a stiffness thereof in response to a control signal (516). A displacement sensor (417) provides a displacement signal (508) indicative of the displacement of manual control device handle. A controller (402) is associated with the variable damper (412) the manual control device (406) the displacement sensor (417) and the actuator (404). The controller (402) determines a then present operating state of the actuator and a command (511) provided to the actuator (404) based on the displacement signal (508) and provides the control signal to stiffen the variable damper (412) such that the displacement of the handle (409) is limited to an additional displacement of the handle (409) that corresponds to a difference (507) between the then present operating state of the actuator (502) and a maximum allowable operating state of the actuator (504).

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7520/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VEHICLE BODY

(51) International classification :B62D21/09,B62D25/20
(31) Priority Document No :2012-088943
(32) Priority Date :10/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/060756
Filing Date :09/04/2013
(87) International Publication No :WO 2013/154114
(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 :
IN A FLOOR CROSS MEMBER (4) THAT HAS A GROOVE TYPE CROSS SECTIONAL SHAPE WHICH HAS A WEB SURFACE (4A) THAT IS AN UPPER SURFACE A RIDGE PORTION (4B) CONTINUOUS FROM THE WEB SURFACE (4A) AND A VERTICAL WALL SURFACE (4C) CONTINUOUS FROM THE RIDGE PORTION (4B) AND A TENSILE STRENGTH OF AT LEAST 440MPA A FLANGE (4E) IS FORMED AROUND BOTH END PORTIONS IN THE LONGITUDINAL DIRECTION IN SUCH A MANNER AS TO BE CONTINUOUS FROM THE WEB SURFACE (4A) THE RIDGE PORTION (4B) AND THE VERTICAL WALL SURFACE (4C) AND THE FLOOR CROSS MEMBER (4) IS BONDED TO A TUNNEL PORTION (2A) AND A SIDE SILL (3) VIA THE FLANGE (4E). THE FLANGE WIDTH L AT THE CENTER OF THE CIRCUMFERENTIAL DIRECTION OF A CURVED PORTION (4E-2) OF THE FLANGE (4E) IS EQUAL TO OR LARGER THAN THE MINIMUM FLANGE WIDTH L OF THE CURVED PORTION (4E-2). THEREFORE PROVIDED IS A VEHICLE BODY THAT PREVENTS THE DEFORMATION OF THE FLOOR CROSS MEMBER (4) AND IMPROVES THE TORSIONAL RIGIDITY.

No. of Pages : 74 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7355/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SENSOR DEVICE INPUT DEVICE AND ELECTRONIC APPARATUS

(51) International classification :G06F3/044,G06F3/041
(31) Priority Document No :2012-052821
(32) Priority Date :09/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/000380
Filing Date :25/01/2013
(87) International Publication No :WO 2013/132736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)IIDA Fumihiko
2)KAWAGUCHI Hiroto
3)HASEGAWA Hayato
4)ITAYA Takashi
5)KANO Toshio

(57) Abstract :
To provide: a sensor device that can detect small compressive forces; an input device; and an electronic apparatus. [Solution] The sensor device is equipped with a first surface a second surface a support layer and a capacitative element. The first surface and the second surface face each other. The support layer has: a first structure having a first height and locally disposed between the first surface and the second surface; and a space section formed between the first surface and the second surface. The capacitative element has: a first electrode disposed at one of the first surface and the second surface; and a second electrode disposed facing the first electrode. The capacitative element is configured in a manner so that change arises in the capacitance between the first electrode and the second electrode in accordance with the change in the distance between the first surface and second surface facing each other with the space section therebetween.

No. of Pages : 143 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7356/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MODE DELAY MANAGED FEW MODED OPTICAL FIBER LINK

(51) International classification :G02B6/02,G02B6/26,H04B10/2581
(31) Priority Document No :61/600828
(32) Priority Date :20/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025880
Filing Date :13/02/2013
(87) International Publication No :WO 2013/126254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LI Ming Jun
3)TEN Sergey Yurevich
4)LI Shenping

(57) Abstract :
An optical fiber link suitable for use in a mode division multiplexing (MDM) optical transmission system is disclosed. The link has a first optical fiber having a core which supports the propagation and transmission of an optical signal with X LP modes at a wavelength of 1550 nm, wherein X is an integer greater than 1 and less than or equal to 20 the first fiber having a positive differential mode group delay between the LP01 and LP11 modes at a wavelength between 1530-1570. The link also has a second optical fiber having a core which supports the propagation and transmission of an optical signal with Y LP modes at a wavelength of 1550 nm, wherein Y is an integer greater than 1 and less than or equal to 20 said optical fiber having a negative differential mode group delay between the LP01 and LP11 modes at a wavelength between 1530-1570.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7357/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF CHECKING PRODUCIBILITY OF A COMPOSITE SECURITY DESIGN OF A SECURITY DOCUMENT ON A LINE OF PRODUCTION EQUIPMENT AND DIGITAL COMPUTER ENVIRONMENT FOR IMPLEMENTING THE SAME

(51) International classification :H04N1/23,G06F17/50,B41M3/14
(31) Priority Document No :12158372.8
(32) Priority Date :07/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2013/051781
Filing Date :06/03/2013
(87) International Publication No :WO 2013/132448
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PERRIER Jacques
2)MATHYS Laurent

(57) Abstract :
There is described a method of checking producibility of a composite security design of a security document in particular of a composite banknote design on a line of production equipment the composite security design being the product of a combination of multiple sets of design features that are to be provided on a substrate as a result of a plurality of successive production operations carried out by means of the line of production equipment. The method comprises the steps of (a) providing digital design data representative of the composite security design of the security document (b) modelizing in a computer environment the line of production equipment by means of which the composite security design is intended to be produced (c) performing a computer simulation of production results of the plurality of successive production operations on the basis of the digital design data and the modelized line of production equipment and (d) evaluating the computer simulated production results and determining on the basis of these computer simulated production results whether the composite security design can be produced on the line of production equipment.

No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7523/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR REDUCING THE CONTENT OF FINE MATERIAL IN FGD GYPSUM

(51) International classification :B04C5/18,C01F11/46,C04B28/14
(31) Priority Document No :A 176/2012
(32) Priority Date :10/02/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2013/000379
Filing Date :08/02/2013
(87) International Publication No :WO 2013/117341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GRUBER WALTL Andreas

(57) Abstract :
The invention relates to a method for obtaining gypsum using a flue gas desulfurization system (FGD). A gypsum suspension (6) which also contains fine materials such as active carbon particles or residual carbonate particles for example accumulates in the scrubber (17) of a wet flue gas scrubber. The gypsum containing suspension (6) is thickened by means of at least one hydrocyclone (1, 1) and the thickened gypsum suspension (6) is discharged via the underflow (11, 11) of the hydrocyclone (1, 1). According to the invention water (5, 5, 15, 15) is fed to the hydrocyclone (1, 1) in addition to the gypsum suspension (6) via a dedicated feed line such that the content of fine material is thus reduced with respect to the suspension volume in the underflow (11, 11).

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7421/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONNECTOR AND CONNECTOR ASSEMBLY

(51) International classification	:H01R13/627,G02B6/38,H01R13/633
(31) Priority Document No	:201210037495.6
(32) Priority Date	:20/02/2012
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/IB2013/051329 :19/02/2013
(87) International Publication No	:WO 2013/124785
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)TONG Zhaoyang
4)LIU Lily

(57) Abstract :
A connector for coupling with an adapter comprising: at least one connector body each having a first end capable of being inserted into the adapter; at least one locking mechanism; and a boot movably engaged with the connector body. Each of the at least one locking mechanism comprising: a slanting arm extending slantingly and upwardly from the respective connector body; at least one locking protrusion configured to extend from sides of the slanting arm to lock the connector body into locking grooves of the adapter; and a driving arm having a first end connected to the slanting arm. Wherein a second end of the driving arm is connected to the boot and is movable together with the boot to drive the slanting arm connected with the first end of the driving arm to approach a horizontal direction. When an angle between the slanting arm and the horizontal direction becomes smaller than a predetermined angle the locking protrusion starts to be separated from the locking groove of the adapter so that an interlock between the connector body and the adapter is unlocked.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7422/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DI AND MULTIFUNCTIONAL AMINE MODIFIED OLIGO AND POLYSACCHARIDE DERIVATIVES AS ANTI INFECTIVE SUBSTANCES AND THE USE THEREOF

(51) International classification	:A01N43/16,A01N43/653,A01N43/54
(31) Priority Document No	:12158792.7
(32) Priority Date	:09/03/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/054719 :08/03/2013
(87) International Publication No	:WO 2013/132061
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)LIEBERT Tim
3)MIETHE Peter
4)SCHLUFTER Kerstin
5)HIPLER Uta Christina
6)WIEGAND Cornelia

(57) Abstract :
The invention relates to the use of an oligo or polysaccharide (degree of polymerization (DP) values greater than 10) constructed from a basic unit comprising hydroxyl groups carrying at least in part substituents having di tri or tetramine functions without permanent charge as antibacterial and antimycotic agents wherein the oligo or polysaccharide constructed from a basic unit can be obtained by derivatisation of the hydroxyl groups of an oligo or polysaccharide to form leaving groups obtaining a derivatised oligo or polysaccharide followed by a reaction of the derivatised oligo or polysaccharide with an amine having at least two amino functions capable of nucleophilic substitution to form an amino substituted oligo or polysaccharide by nucleophilic substitution wherein the hydroxyl groups of the oligo or polysaccharide are substituted at least in part by the amine having at least two amino functions capable of nucleophilic substitution with an average degree of substitution having a value > 0.1 wherein the average degree of substitution is defined as the quotient of the number of amines with at least two amino functions capable of a nucleophilic substitution that are introduced into the oligo or polysaccharide by the substitution divided by the number of original hydroxyl groups of the oligo or polysaccharide multiplied by the number of original hydroxyl groups per oligo and polymer basic unit.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7423/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MOTOR VEHICLE DOOR LOCK

(51) International classification :E05B65/12,E05B15/00
(31) Priority Document No :20 2012 002 853.7
(32) Priority Date :20/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000151
Filing Date :16/03/2013
(87) International Publication No :WO 2013/139324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)T–PFER Claus

(57) Abstract :
The invention relates to a motor vehicle door lock comprising an actuation/locking lever mechanism (1, 2) with a first lever (1) and a second lever (2) both levers (1, 2) being couplable with each other in at least two different relative positions. At least the one first lever (1) comprises a detent spring (5) connected thereto for cooperation with at least one detent contour (6) on the other second lever (2).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7424/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MODULAR REMOVABLE THERMAL INSULATION

(51) International classification :F16L59/00,F16L59/14
(31) Priority Document No :RU2012110761
(32) Priority Date :21/03/2012
(33) Name of priority country :Russia
(86) International Application No :PCT/IB2013/050953
Filing Date :05/02/2013
(87) International Publication No :WO 2013/140271
(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 generally to the thermal insulation technology and more particularly to a thermal insulation for equipment at nuclear power plants (NPPs). The advantages of the present invention includes the widening of the field of application; the simplification of both installation and dismantling of the thermal insulation modules; an increase in the isothermality of an equipment to be thermally insulated; a uniform distribution of a temperature field within the thermal insulation volume along the length thereof; and the possibility of monitoring the state of the equipment body without need to remove the thermal insulation modules.

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7390/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR PREPARING TIOTROPIUM BROMIDE

(51) International classification :C07D451/10
(31) Priority Document No :106142
(32) Priority Date :10/02/2012
(33) Name of priority country :Portugal
(86) International Application No :PCT/GB2013/000050
Filing Date :08/02/2013
(87) International Publication No :WO 2013/117886
(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 to a novel process for the preparation of tiotropium bromide there is provided a process for preparing tiotropium bromide comprising (i) reacting scopine oxalate with diethylamine in an inert solvent to form scopine; (ii) reacting scopine and methyl di-(2-dithienyl)glycoIate (MDTG) in the presence of an inorganic base, and in an inert solvent to form N-demethyltiotropium; (iii) reacting N-demethyltiotropium with bromomethane in an inert solvent to form tiotropium bromide; (iv) crystallizing tiotropium bromide in a mixture of methanol and acetone, and optionally thereafter, (v) micronizing the tiotropium bromide so formed.

No. of Pages : 35 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7530/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MANAGING OBJECTS IN A SUPPLY CHAIN USING A SECURE IDENTIFIER

(51) International classification :G06Q10/08
(31) Priority Document No :61/616135
(32) Priority Date :27/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/055176
Filing Date :13/03/2013
(87) International Publication No :WO 2013/143856
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SPRING Jesper Honig

(57) Abstract :
A system and method for authenticating an identity of an object being tracked while traversing a supply chain which includes an interface communicating with object custodians in the supply chain using a standard protocol in which event tracking information for the object is stored when any one of the object custodians reports a predefined event for the object. The system and method also include a repository storing authentication data to authenticate the event tracking information for the object the event tracking information including a first object identifier and a second object identifier the second object identifier being independently authenticated from the first object identifier.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014
(21) Application No.7531/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMMUNOFLUORESCENCE AND FLUORESCENT BASED NUCLEIC ACID ANALYSIS ON A SINGLE SAMPLE

(51) International classification :G01N33/574
(31) Priority Document No :61/618132
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033249
Filing Date :21/03/2013
(87) International Publication No :WO 2013/148448
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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11)JUN Natalie R.
12)KYSHTOOBAYEVE Ainura
13)HOLLMAN HEWGLEY Denise A
14)LI Ying

(57) Abstract :
A method for providing a composite image of a single biological sample comprising the steps of generating a first image of the biological sample generating a second image of the biological sample and generating a composite image that provides the relative location of both the target protein and the target nucleic acid. Also provided is a method of analyzing a biological sample comprising providing a composite image of the biological sample according to the method for providing a composite image and analyzing the expression of the protein and the nucleic acid sequences of interest from the composite image. Further provided are system and kit that comprise the means for executing the novel methods.

No. of Pages : 67 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7532/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM HAVING A PROCESS CHAMBER FOR WORKPIECES

(51) International classification :F26B15/14,F26B21/04,F26B25/00
(31) Priority Document No :10 2012 207 312.4
(32) Priority Date :02/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/058817
Filing Date :26/04/2013
(87) International Publication No :WO 2013/164285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WIELAND Dietmar
2)IGLAUER Oliver
3)KNSEL Christof
4)WINKLER Marius

(57) Abstract :
The invention relates to a System (1), comprising a process Chamber (5), which comprises an interior (39) having an accommodating region (15) for workpieces (3). The process Chamber (5) has an opening (12, 14) for supplying or removing workpieces (3). The process Chamber (5) is formed with a device (17, 9, 25, 29, 33, 37, 35) for blowing gaseous fluid into the interior (39), which device has at least one nozzle (17, 19) or orifice for producing a fluid flow curtain (21, 23) between the opening (12, 14) and the accommodating region (15) for workpieces (3). The process Chamber (5) has an apparatus (74) for supplying fresh air, by means of which fresh air can be introduced into the accommodating region (15) on a side of the fluid flow curtain (21, 23) facing away from the opening (12, 14).

No. of Pages : 78 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7533/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS FOR GENERATING AN IMAGE OF A BIOLOGICAL SAMPLE

(51) International classification :G01N1/30,G06T7/00,G01N33/68
(31) Priority Document No :61/618282
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033286
Filing Date :21/03/2013
(87) International Publication No :WO 2013/148458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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10)HA Thomas
11)JUN Natalie R.
12)KYSHTOOBAYEVE Ainura
13)HOLLMAN HEWGLEY Denise A
14)LI Ying

(57) Abstract :
A method for generating an image of a region of interest in a biological sample comprising the steps of: generating a first image including the region of interest of the biological sample having undergone a first protocol but not a second protocol; and generating a second image including the region of interest of the biological sample after having undergone a second protocol; wherein the region of interest is smaller than said sample. Also provided is a method of analyzing a biological sample comprising providing an image of the biological sample according to the method for generating an image of a region of interest in a biological sample and analyzing the biological sample from the image. Further provided are system and kit that comprise the means for executing the novel methods.

No. of Pages : 65 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7465/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RICE PLANTING MACHINE

(51) International classification :A01C11/02,B60K11/06
(31) Priority Document No :2012-070644
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057837
Filing Date :19/03/2013
(87) International Publication No :WO 2013/146475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKAMURA Shoichi

(57) Abstract :
The present invention addresses the problem of providing a rice planting machine (1) in which cooling efficiency is improved and peripheral components such as cooling system components and power transmission system components are arranged in an efficient and compact manner around an engine (5). The rice planting machine (1) of the present invention is provided with an engine (5) that is mounted on a traveling machine body (2) a transmission case (6) that changes the speed of power from the engine (5) and transmits said power to the traveling sections (3 4) of the traveling machine body (2) and a seedling planting device (23) that is mounted on the traveling machine body (2). A suction fan (71) for engine cooling is provided on one side surface of the engine (5). The engine (5) is arranged so as to protrude between a left/right pair of machine body frames (50) said machine body frames (50) constituting the traveling machine body (2) at a position that is lower than both of the machine body frames (50). An oil cooler (79) is arranged so as to face the suction fan (71) at a position that is lower than a front bonnet (11) that covers the engine (5) from above.

No. of Pages : 56 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7466/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TABLET METHOD FOR PRODUCING TABLETS TABLET MANAGEMENT DEVICE TABLET VALIDATION DEVICE AND PROGRAM

(51) International classification :A61J3/06,A61K9/28,G01N21/85
(31) Priority Document No :2012-062605
(32) Priority Date :19/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071359
Filing Date :23/08/2012
(87) International Publication No :WO 2013/140639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SUZUKI Yasuhiro

(57) Abstract :
A method for producing tablets obtained when uncoated tablets are coated with a coating agent wherein a coating step for spray applying the coating agent to tablets being stirred and caused to flow in a container and also supplying dry air into the container and discharging air from the container to dry the tablets in the container thus coating the uncoated tablets with the coating agent comprises controlling the spray application conditions which include the air supply temperature the air supply air flow and the spray velocity in accordance with the weight of the coating agent with which the uncoated tablets are being coated so that the discharged air humidity during the spray application reaches a range of 14-30% RH.

No. of Pages : 49 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7467/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYMERIZABLE COMPOSITION FOR OPTICAL MATERIAL METHOD FOR PRODUCING SAME AND METHOD FOR PRODUCING OPTICAL MATERIAL

(51) International classification :C08G75/08,G02B1/04
(31) Priority Document No :2012-029700
(32) Priority Date :14/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053306
Filing Date :13/02/2013
(87) International Publication No :WO 2013/122068
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)NISHIMORI Yoshihiko
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5)TAKEUCHI Motoharu

(57) Abstract :
By using a method for producing a composition for an optical material using (a) sulfur (b) a compound having two intramolecular episulfide groups (c) a compound having one or more (preferably two) SH groups and (d) an amine compound having a specific structure in which compound (a) and compound (c) are pre polymerized in the presence of compound (b) using compound (d) as the pre polymerization catalyst the present invention provides a polymerizable composition for an optical material in which the viscosity elevation speed during pre polymerization is slow and the reaction temperature is approximately room temperature and that has a low viscosity and shows little increase in viscosity such. By means of another embodiment of the present invention it is possible to produce an optical material that has excellent release performance but has substantially no striae by polymerizing (a) sulfur (b) a compound having two intramolecular episulfide groups and (c) a compound having one or more SH groups in the presence of (d) a hindered amine catalyst having a specific structure.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7468/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BURNER

(51) International classification :F23C7/00,F23D1/02
(31) Priority Document No :1202907.0
(32) Priority Date :21/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050400
Filing Date :20/02/2013
(87) International Publication No :WO 2013/124642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KIM Ik Soo

(57) Abstract :
A burner is described having a burner inlet for receiving a supply of combustible pulverous fuel and a supply of comburant gas and a burner outlet in the vicinity of which combustion of the fuel is supported during use; said burner comprising: a primary conduit defining a flow channel extending along a burner axis for conveying a mixture of fuel and gas such as comburant gas; a secondary conduit defining a flow channel disposed about the primary conduit for conveying gas such as comburant gas; wherein the primary conduit defines a flow channel extending to a primary conduit outlet within the burner substantially upstream of the burner outlet whereby the secondary conduit downstream of the primary outlet defines a common conduit for flow from the primary and secondary conduits; a swirl generation device is provided to impart a swirl to the flow of gas from the secondary conduit upstream of the primary conduit outlet; and a venturi arrangement is provided in the vicinity of the primary outlet such as to act on the primary flow stream to impart a flow deviation outwardly away from axial to the mixture of fuel and gas from the primary conduit.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7396/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HAIR CONDITIONING COMPOSITIONS COMPRISING LOW VISCOSITY SILICONE POLYMERS

(51) International classification :A61Q5/12,A61K8/898
(31) Priority Document No :61/617402
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/034018
Filing Date :27/03/2013
(87) International Publication No :WO 2013/148778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
Embodiments of a hair conditioning composition comprise a silicone polymer comprising one or more quaternary groups at least one silicone block comprising greater than 200 siloxane units at least one polyalkylene oxide structural unit and at least one terminal ester group the silicone polymer having a viscosity of up to 100,000 mPa.s and wherein the a hair conditioning composition comprises a gel matrix comprising a cationic surfactant a high melting point fatty compound and an aqueous carrier.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7397/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WORKING FLUID COMPOSITION FOR REFRIGERATOR

(51) International classification :C10M169/04,C09K5/04,C10M105/18
(31) Priority Document No :2012072310
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/058587
Filing Date :25/03/2013
(87) International Publication No :WO 2013/146683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKIDO Takeshi
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(57) Abstract :
This working fluid composition for a refrigerator contains: a refrigerant containing a first refrigerant component being at least one type selected from difluoromethane and tetrafluoropropene and a second refrigerant component being at least one type selected from carbon dioxide and a C3-4 hydrocarbon and having a global warming potential of no more than 500; and a refrigerant oil containing as a base oil at least one type selected from polyol ester polyvinyl ether and a polyalkylene glycol compound said base oil having a carbon/oxygen molar ratio of 2.5-5.8.

No. of Pages : 57 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7398/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN AUTOSTEREOSCOPIC SCREEN AND METHOD FOR REPRODUCING A 3D IMAGE

(51) International classification :H04N13/04
(31) Priority Document No :10 2012 007 112.4
(32) Priority Date :03/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001920
Filing Date :30/04/2012
(87) International Publication No :WO 2013/149629
(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 invention relates to an autostereoscopic screen for the simultaneous reproduction of several different images with a pixel matrix (21) on which a multitude of at least six or at least eight disjoint subsets of pixels (25) are defined such that each of the subsets forms a family of parallel strips of pixels (25) with an optical element (22) which is arranged in front of or behind the pixel matrix (21) and which has a grating like structure orientated parallel to the strips so that at a nominal distance (Dn) in front of the screen and set by a geometry of the screen viewing zones (26) are defined such that each of the viewing zones (26) is assigned to exactly one of the subsets and the light departing or transmitted from each of the subsets of pixels (25) is deflected into the viewing zone assigned to this subset. Moreover the screen comprises a control unit (23) for activating the pixel matrix (21) in dependence on image data (24) which define a 3D image. Thereby the control unit (23) is configured for activating the pixel matrix (21) for an autostereoscopic viewing of the 3D image from a viewing distance (D) in front of the screen said distance being different to the nominal distance (Dn). For this a plurality smaller compared to the mentioned multitude of at least three or at least four disjoint part sets of the pixels (25) of the pixel matrix (21) which are different to the mentioned subsets are defined in a manner such that each of the part sets forms a family of parallel bands wherein each of these bands or each of the majority of the bands or each of at least some of the bands is formed by way of grouping together at least two of the mentioned strips of pixels (25) and wherein the bands of the different part sets cyclically alternate in the horizontal direction. A number of stereoscopic half images corresponding to the mentioned plurality which are defined by the image data (24) and complement one another in pairs into a stereo image perceivable as a 3D image are reproduced by way of the pixels (25) of the pixel matrix (21) in a manner such that in each case one of the stereoscopic half images is reproduced on each of the thus defined part sets. The invention also relates to a corresponding method for reproducing 3D images.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7445/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COOLING DEVICE AND ACCESS DOOR

(51) International classification :A47F3/04,F25D23/02
(31) Priority Document No :1039440
(32) Priority Date :06/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050145
Filing Date :06/03/2013
(87) International Publication No :WO 2013/133707
(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 :
An access door (1) for use in a cooling device for keeping products chilled and displaying them in particular food and/or beverages comprising an at least substantially transparent multiple walled construction. The multi walled construction comprises an at least substantially plate shaped first wall (2) and an at least substantially plane parallel second wall (3). The walls (2, 3) each comprise at least substantially an edge part around them by which both walls are mutually connected. Furthermore both walls (2, 3) mutually hold a cavity (5) between the edge parts. Due to the multi walled construction having an enclosed cavity the access door has a very good stiffness and moreover due to the presence of the cavity insulates well and reduces condensation on the transparent access door.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7446/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RESIN COMPOSITION

(51) International classification :C08L67/02,C08J5/00,C08K5/053
(31) Priority Document No :2012-071626
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/058463
Filing Date :15/03/2013
(87) International Publication No :WO 2013/146625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)GOSHIMA Kazuya

(57) Abstract :
The purpose of the present invention is to provide a resin composition which contains an aromatic polyester resin and has high hydrolysis resistance and high moldability at the same time. The present invention is a resin composition which contains: an aromatic polyester resin that has a terminal carboxyl group concentration of 30 equivalents/ton or less (component (A)); a cyclic carbodiimide compound that has at least two carbodiimide rings that have only one carbodiimide group in each ring (component (B)); and a polyvalent hydroxyl group containing compound that has a hydroxyl number of 200 or more (component (C)).

No. of Pages : 62 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7447/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HUMIDIFYING APPARATUS

(51) International classification :F24F13/26,F24F6/12,F04F5/16
(31) Priority Document No :1203895.6
(32) Priority Date :06/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050327
Filing Date :13/02/2013
(87) International Publication No :WO 2013/132220
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GAMMACK Peter

(57) Abstract :
Humidifying apparatus includes a base housing a motor and impeller unit for generating a first air flow. A nozzle includes an interior passage for receiving the first air flow and an air outlet for emitting the first air flow. The nozzle defines an opening through which air from outside the apparatus is drawn by air emitted from the air outlet. The apparatus is configured to humidify a second air flow which is emitted from a plurality of second air outlets. The second air flow is humidified with water supplied from a water tank mounted on the base. The water tank surrounds at least an upper section of the motor and impeller unit.

No. of Pages : 54 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7448/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF MAKING A POLYMER ARTICLE AND RESULTING ARTICLE

(51) International classification :C09D115/00,C08K5/16,C09D119/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/MY2012/000039
Filing Date :29/02/2012
(87) International Publication No :WO 2013/129905
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAR Hung Than

(57) Abstract :
A method of making a polymer article comprises the steps of making a polymer solution by mixing a first compound containing carbodiimide groups with a second compound containing carboxylated groups applying the polymer solution to a former wherein the step of applying occurs within 2 hours of the making of the polymer solution and curing the polymer solution. The polymer solution can have a pH adjuster consisting of ammonium hydroxide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7449/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR INCREASING THE EFFICIENCY OF POWER GENERATION IN NUCLEAR POWER PLANTS

(51) International classification :F01K3/18,F01K3/26,F01K3/06
(31) Priority Document No :P201230351
(32) Priority Date :09/03/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070148
Filing Date :08/03/2013
(87) International Publication No :WO 2013/132132
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOPEZ GARCIA Antonio
3)GUTIERREZ LARRA'AGA Irune

(57) Abstract :
Method for enhancing the efficiency of electricity generation in pressurized water nuclear power plants which comprises steps of principal vapour superheating and heated vapour reheating using an auxiliary circuit in which the streams for superheating and reheating function in parallel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7521/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HIGH PRESSURE RATIO MULTI STAGE CENTRIFUGAL COMPRESSOR

(51) International classification :F25B13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/028221
Filing Date :08/03/2012
(87) International Publication No :WO 2013/133832
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRASZ Joost

(57) Abstract :
A heat pump system includes a refrigerant circuit. First and second heat exchangers are arranged in the refrigerant circuit. A flow reversing device selectively changes a direction of flow in the refrigerant circuit between the first and second heat exchangers. A centrifugal compressor is arranged in the fluid circuit and has first and second impellers arranged in series relative to one another to provide a desired compressor pressure ratio. In one example the centrifugal compressor mounts the first and second impellers on opposing ends of a shaft. The first and second impellers respectively include first and second stage inlets and outlets. One example desired compressor pressure ratio of at least 10:1 corresponds to a second stage outlet pressure to a first stage inlet pressure. A first diffuser is arranged at the first stage outlet and the first diffuser is a variable geometry diffuser.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7522/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMMUNICATION APPARATUS COMMUNICATION METHOD PROGRAM AND COMMUNICATION SYSTEM

(51) International classification	:H04W4/00,H04W76/02,H04W84/10
(31) Priority Document No	:2012-060673
(32) Priority Date	:16/03/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/052586 :05/02/2013
(87) International Publication No	:WO 2013/136876
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)SUZUKI Hideyuki
3)ITOH Katsutoshi

(57) Abstract :
To shorten a wait time until connection is established. [Solution] This communication apparatus is provided with: a non contact communication unit which performs non contact communication; a wireless communication unit which performs wireless communication; and a control unit which controls start up of first communication mode of the wireless communication unit and connection processing for the wireless communication between the non contact communication unit and another communication apparatus in the cases where the another communication apparatus is detected by the non contact communication unit.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014
(21) Application No.7547/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FLAP HINGES SYSTEM FOR A FLAP SHAFT IN A MOTOR VEHICLE

(51) International classification :F02D9/04,F02D9/10,F16K1/22
(31) Priority Document No :10 2012 103 926.7
(32) Priority Date :04/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/057243
Filing Date :05/04/2013
(87) International Publication No :WO 2013/164155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GERARDS Hans
2)GRAUTEN Andreas

(57) Abstract :
Flap hinges systems for a flap shaft (12) in a motor vehicle comprising a radial bearing (26) in which the flap shaft (12) on which a flap body (10) is arranged is arranged in a rotatable manner a channel housing (16) the flow cross section of which can be controlled by rotating the flap shaft (12) with the flap body (10) a bearing housing (18) that surrounds the radial bearing (26) in a radial manner a bearing housing cover (68) that closes the bearing housing (18) in an axial manner and has an opening (69) through which a flap shaft end (32) protrudes from the bearing housing (18) and a sleeve (36) that surrounds the bearing housing (18) in a radial manner at least in sections are known. However in said flap hinges systems splash water can enter between the flap shaft (12) and the radial bearing (26). In order to prevent this according to the invention a circumferential groove (70) is formed at the outer circumference at the section (37) of the bearing housing (18) that is surrounded by the sleeve wherein the flap shaft end (32) protruding from the bearing housing (18) is arranged geodetically at the same height or above the opposite flap shaft end.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7548/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GAS INSULATED SWITCHGEAR AND GAS INSULATED BUSBAR

(51) International classification :H02G5/06,H02B13/02
(31) Priority Document No :2012-035267
(32) Priority Date :21/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054097
Filing Date :20/02/2013
(87) International Publication No :WO 2013/125554
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)HOSHINA Yoshikazu
3)SHIMAMURA Akira
4)SHIIKI Motoharu

(57) Abstract :
Provided is a gas insulated switchgear the insulation performance and insulation reliability of which are enhanced and also provided is a gas insulated bus bar for the gas insulated switchgear. The gas insulated switchgear has a high voltage conductor (1) supported by a support body (3) in a hermetic container (2) into which an insulation gas (4) is sealed. An electric field relaxation shield (5) made of an insulator is interposed between the support body (3) and the high voltage conductor (1). A conductive layer (10) electrically connected to the high voltage conductor (1) is formed on the surface of the electric field relaxation shield (5) facing the high voltage conductor (1). Alternatively an end shield (6) made of an insulator is interposed between an electrical path end of the high voltage conductor (1) and the hermetic container (2). The conductive layer (10) electrically connected to the high voltage conductor (1) is formed on the surface of the end shield (6) facing the electrical path end.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7440/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LUBRICATING OIL COMPOSITION FOR MACHINING TOOL

(51) International classification :C10M141/10,C10M135/02,C10M137/04
(31) Priority Document No :2012063981
(32) Priority Date :21/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/077886
Filing Date :29/10/2012
(87) International Publication No :WO 2013/140652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SUGAWARA Tsunetoshi

(57) Abstract :
A lubricating oil composition for machining tool, containing a lubricating base oil, 0.05 to 5 percent by mass of a phosphoric acid ester expressed by (R1(O)3P=0(R1 represents either a C6-15 aryl group or a saturated Ci-20 hydrocarbon group, and can represent the same or different groups), 0.01 to 2 percent by mass of an acidic phosphoric acid ester expressed by (R20)žP(=0) (OH)(3.n)(R2 represents a C4-20 alkyl group, n represents 1 or 2 , and R can represent the same or different groups), and 0.5 to 5 per cent by mass of a sulfur compound, based on the total amount of the composition.

No. of Pages : 30 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7441/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VIDEO ENDOSCOPIC SYSTEM

(51) International classification :G06T7/00
(31) Priority Document No :61/602106
(32) Priority Date :23/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027436
Filing Date :22/02/2013
(87) International Publication No :WO 2013/126780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TRAN Baoduy
3)RODRIGUEZ Carlos A.

(57) Abstract :
Image data representing an image captured by a video endoscopic device is converted from a first color space to a second color space. The image data in the second color space is used to determine the location of features in the image.

No. of Pages : 38 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7442/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS OF PRODUCING SULFILIMINE COMPOUNDS

(51) International classification :C07D213/34,C07D277/26,C07D285/02
(31) Priority Document No :61/599489
(32) Priority Date :16/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026377
Filing Date :15/02/2013
(87) International Publication No :WO 2013/123349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ADAWAY Timothy J.

(57) Abstract :
Methods of producing a sulfilimine compound, such as iV-cyano-S-methyl-S-[l-(6-trifluoromethyl-3- pyridinyl)ethyl]sulfilimine or other substituted sulfilimine compound. The method includes combining a sulfide compound, cyanamide, a hypochlorite compound, and a base, and oxidizing the sulfide compound to form the sulfilimine compound. The sulfide com pound may include a 2-trifluoromethyl-5-(l-substituted)alkyl-thiopyridine compound. The base may include sodium hydroxide. A buffer, such as a phosphate buffer, may, optionally, be used in the reaction.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7443/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SURGICAL NEEDLE

(51) International classification :A61B17/34
(31) Priority Document No :61/610177
(32) Priority Date :13/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030950
Filing Date :13/03/2013
(87) International Publication No :WO 2013/138482
(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 disclosure provides examples of a surgical needle for entering a joint space through tissue such as the hip joint. The surgical needle includes a stylet movable within a hollow body. The hollow body has at one end a tip of a bevel for cutting tissue and at another end a feedback member providing a surgeon with tactile feedback. The stylet has at one end a resistance reducing member that when positioned a preset distance from the bevel reduces the resistance of the surgical needle through tissue. At the other end of the stylet is a stylet hub. In some examples of the surgical needle the stylet hub includes a proximal stop stylet locking member and/or locking member. The surgical needle advantageously provides tactile feedback reduces resistance and minimizes or prevents damage to delicate structures.

No. of Pages : 48 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7551/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RADIAL TYPE ADSORPTION VESSEL

(51) International classification :B01D53/04,C01B13/02
(31) Priority Document No :2012-033493
(32) Priority Date :20/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053169
Filing Date :05/02/2013
(87) International Publication No :WO 2013/125381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YASUDA Takahiko

(57) Abstract :
Provided is a radial type adsorption vessel that can suppress gas drift and reduce pressure loss by a simple structure can increase separation performance and reduce consumed mechanical power and for which fabrication and maintenance are easy. The present invention is constituted so as to include: a raw material gas flow path (2) disposed in a circle in the inside part of a cylindrical vessel (1); a product gas flow path (3) disposed in the center part of the cylindrical vessel (1); and an adsorbing agent layer (4) formed between the raw material gas flow path (2) and the product gas flow path (3). An introduction opening (5) by which raw material gas is introduced into the cylindrical vessel (1) is linked to the raw material gas flow path (2) at one end side of the cylindrical vessel (1) in the axial direction. A discharge opening (6) from which the product gas is discharged from the cylindrical vessel (1) is linked to the product gas flow path (3) on the one end side of the cylindrical vessel (1). The ratio of the flow path cross sectional area of the raw material gas flow path (2) to the flow path cross sectional area of the product gas flow path (3) is set at 1.2-3.3. Thus drift can be effectively suppressed and uniformity of gas flow can be increased without using a complicated structure such as a tapered shaped or a conical shaped structure.

No. of Pages : 34 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7469/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A MODULAR THREE PHASE ONLINE UPS

(51) International classification :H02M5/40
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/025210
Filing Date :15/02/2012
(87) International Publication No :WO 2013/122581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TOLAKANAHALLI Pradeep
3)KLIKIC Damir

(57) Abstract :
An uninterruptible power supply system (UPS) includes an interconnect circuit configured to receive three-phase AC input power from an AC power source and a plurality of UPS subsystems each coupled to the interconnect circuit. A first UPS subsystem includes first and second single-phase AC-to-DC converters. At least one second UPS subsystem includes third and fourth single-phase AC-to-DC converters. In a first mode of operation, the interconnect circuit is configured to conduct at least one phase of the AC input power to the first UPS subsystem and at least one phase of the AC input power to the second UPS subsystem, and, in a second mode of operation, to disconnect the AC input power from the first UPS subsystem and to conduct at least one phase of the AC input power to the second UPS sub system.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7559/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL DEVICE COMPRISING A SOCKET UNIT FOR CONNECTING A DEVICE FOR PROVIDING MEDICAL LIQUIDS AND DEVICE FOR PROVIDING MEDICAL LIQUIDS COMPRISING A PLUG UNIT FOR CONNECTION TO A MEDICAL DEVICE

(51) International classification :A61M39/10
(31) Priority Document No :10 2012 005 187.5
(32) Priority Date :16/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/000769
Filing Date :14/03/2013
(87) International Publication No :WO 2013/135386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)H–RMANN Jrn
4)KUGELMANN Franz
5)–RTER Gkhan
6)STERZER Rafael

(57) Abstract :
The invention relates to a medical device (2, 3), comprising a socket unit (B, B) for connecting a plug unit (A) of a device (1) for providing medical liquids for a blood treatment device, wherein the medical device (2, 3), in particular an extracorporeal blood treatment device (2), for example an extracorporeal dialysis device or a device for peritoneal dialysis, or to a device (3) for filling the device (1) for providing medical liquids. The invention further relates to a device (1) for providing medical liquids for a blood treatment device, comprising a plug unit for connection to a socket unit of a medical device. The socket unit (B, B) and the plug unit (A) are characterized in that a reliable, liquid-tight connection between the device for providing medical liquids and the blood treatment device on the one hand or the device for filling the device for providing medical liquids on the other hand can be established in a simple manner by means of the two units.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7560/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL TREATMENT DEVICE AND DEVICE FOR PROVIDING MEDICAL TREATMENT LIQUIDS AND DEVICE FOR FILLING A DEVICE FOR PROVIDING MEDICAL LIQUIDS

(51) International classification	:A61M39/10,A61M1/36,A61M1/16
(31) Priority Document No	:10 2012 005 194.8
(32) Priority Date	:16/03/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2013/000775 :14/03/2013
(87) International Publication No	:WO 2013/135389
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)KUGELMANN Franz
5)–RTER Gkhan
6)STERZER Rafael

(57) Abstract :
The invention relates to a medical treatment device (2) in particular an extracorporeal blood treatment device comprising a socket unit (B) for connecting a plug unit (A) of a device (1) for providing a medical liquid for the medical treatment device and to a device (3) for filling a device (1) for providing a medical liquid comprising a socket unit (B) for the connection of a plug unit (A) of the device (1) for providing a medical fluid. The invention further relates to a device (1) for providing a medical liquid. The plug unit (A) of the device (1) for providing a medical liquid comprises means (86) for signaling two operating states while the socket unit (B) of the treatment device (2) comprises means (88) for destroying the means (86) for signaling two operating states. When the plug unit (A) is connected to the socket unit (A) the means for signaling two operating states are destroyed in order to exclude the reuse of the device (1) for providing a medical liquid. The reuse of the device is prevented in that the device cannot be refilled with liquid.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7561/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL DEVICE COMPRISING A SOCKET UNIT FOR CONNECTING A DEVICE FOR PROVIDING MEDICAL LIQUIDS

(51) International classification	:A61M39/10,A61M39/20,A61M1/16
(31) Priority Document No	:10 2012 005 189.1
(32) Priority Date	:16/03/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2013/000774 :14/03/2013
(87) International Publication No	:WO 2013/135388
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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6)STERZER Rafael

(57) Abstract :
The invention relates to a medical device (2, 3), comprising a socket unit (B) for connecting a plug unit (A) of a device (1) for providing medical liquids, wherein the medical device (2, 3) is in particular an extracorporeal blood treatment device (2), for example an extracorporeal dialysis device or a device for peritoneal dialysis, or to a device (3) for filling the device (1) for providing medical liquids. The socket unit (B) comprises connection pieces (26, 27) for the connection of connectors (29, 30) of a plug unit (A) so that a flow connection for supplying or discharging a liquid can be produced. The connection pieces (26, 27) are enclosed by connection parts (23, 24) to form flushing Chambers (28, 49), wherein the flushing Chambers are closed by closure pieces (51, 52) which are part of a closure body (50) that is rotatably arranged on the socket unit.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014
(21) Application No.7536/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AUTOMATED CONTROL OF DIPPER SWING FOR A SHOVEL

(51) International classification :G06F17/00
(31) Priority Document No :61/611682
(32) Priority Date :16/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032769
Filing Date :18/03/2013
(87) International Publication No :WO 2013/138801
(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 :
Systems and methods for compensating dipper swing control. One method includes with at least one processor determining a direction of compensation opposite a current swing direction of the dipper and applying the maximum available swing torque in the direction of compensation when an acceleration of the dipper is greater than a predetermined acceleration value. The method can also include determining a current state of the shovel and performing the above steps when the current state of the shovel is a swing to truck state or a return to tuck state. When the current state of the shovel is a dig state the method can include limiting the maximum available swing torque and allowing with the at least one processor swing torque to ramp up to the maximum available swing torque over a predetermined period of time when dipper is retracted to a predetermined crowd position.

No. of Pages : 39 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7537/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NOODLE STEAMING METHOD AND NOODLE STEAMING DEVICE

(51) International classification :A23L1/16,A47J27/16
(31) Priority Document No :2012-034134
(32) Priority Date :20/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054016
Filing Date :19/02/2013
(87) International Publication No :WO 2013/125529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MIYAZAKI Yoshifumi
3)OE Kensuke
4)TANAKA Mitsuru

(57) Abstract :
The objective of the present invention is to provide a method for steaming more effectively in a steaming step in the production of steamed noodles and instant noodles. A method for steaming batches of noodles using a noodle steaming device having a conveyor for transporting batches of noodles on which the batches of noodles are placed after being cut and a tunnel shaped main unit provided such that the batches of noodles pass therethrough when transported by the conveyor wherein the noodle steaming method includes a step of introducing the cut batches of noodles into the opening of the main unit while being transported on the conveyor supplying steam vapor to the batches of noodles and thereby steaming the noodles for a predetermined amount of time subsequently steaming the noodles without supplying steam and transporting the noodles toward an exit unit. Also provided is a noodle steaming device for performing the noodle steaming method.

No. of Pages : 65 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7538/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MANUFACTURING METHOD AND MANUFACTURING DEVICE FOR OPTICAL SUBSTRATE HAVING CONCAVO CONVEX PATTERN USING FILM SHAPED MOLD AND MANUFACTURING METHOD FOR DEVICE PROVIDED WITH OPTICAL SUBSTRATE

(51) International classification :C03B19/02,G02B5/18,H05B33/02
(31) Priority Document No :2012-060925
(32) Priority Date :16/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/051202
Filing Date :22/01/2013
(87) International Publication No :WO 2013/136844
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NISHIMURA Suzushi
3)KOZASA Naoto
4)KUMAGAI Yoshihiro
5)TAKAHASHI Madoka

(57) Abstract :
A method for manufacturing an optical substrate comprises: a step (S0) for preparing a long film shaped mold (80a); a step (S1) for preparing a sol solution; a step (S2) for forming a coating film (42) of the sol solution on the substrate; a step (S3) for drying the coating film; a step (S4) for pressing the pattern surface of the film shaped mold against the dried coating film by a pressing roll (22) while feeding the film shaped mold to the pressing roll; a step (S5) for peeling the film shaped mold from the coating film; and a step (S6) for baking the coating film to which the concavo convex pattern is transferred.

No. of Pages : 76 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7539/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LASER WELDING METHOD AND ENGINE COOLING STRUCTURE

(51) International classification :B23K26/32,B23K33/00,F02F1/10
(31) Priority Document No :2012-051385
(32) Priority Date :08/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2013/000416
Filing Date :04/03/2013
(87) International Publication No :WO 2013/132311
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SAKAI Kazuhito
3)UTSUMI Shintaro

(57) Abstract :
A cylinder block (10) includes an inter-bore flow passage (14) between adjacent bores (12). Each inter-bore flow passage (14) is formed by closing an opening-side groove portion (15) continuous from a cylinder block deck face and a bottom-side groove portion (16) with the use of a lid member (20) made of copper, and the lid member (20 is laser-welded to a groove wall face of the opening-side groove portion (15). Before the laser-welding, the lid member (20) has recesses (26) that are interspersed in a direction, in which a laser beam travels, at any one of connected portions at which the lid member (20 is connected to the groove wall face of the opening-side groove portion(l5).

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7425/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CEMENT PRODUCTION DEVICE

(51) International classification :C04B7/44,F27D13/00,F27D17/00
(31) Priority Document No :2012-057518
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056981
Filing Date :13/03/2013
(87) International Publication No :WO 2013/137305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKAYAMA Yoshinori
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4)SHIMA Hirokazu

(57) Abstract :
Provided is a cement production device that increases heat exchange efficiency by causing the pre heating of starting materials supplied to cyclones above a guide tube to be uniform and can cause an operation having low pressure loss and low energy consumption. In the cement production device a guide tube (21) is provided that causes exhaust gas led out from a lower level cyclone to flow upwards to be distributed and to be led to upper level cyclones. Starting material supply tubes (22) that supply cement starting materials are respectively connected to both sides of one lateral surface of the guide tube (21) at a position below the distribution section (23) of the guide tube (21) to the upper level cyclones. A supply amount controller (26) that adjusts the amount of supply of cement starting materials to the starting material supply tubes (22) is provided to a position upstream of the starting material supply tubes (22). The ratio H/D of the vertical distance (H) from a horizontal plane (P1) passing through the center of the distribution exits (21a) of the upper level cyclones to a horizontal plane (P2) passing through the center of the connection openings (22a) of the starting material supply tubes (22) with respect to the diameter (D) of the guide tube (21) is set to 1.4-2.5.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7426/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DESALINATION

(51) International classification :B01D61/02,B01D61/04,B01D61/58
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SG2012/000110
Filing Date :29/03/2012
(87) International Publication No :WO 2013/147702
(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 provides a system for continuous desalination of saline water having variable salinity the system comprising: (a) a RO stage comprising one or more reverse osmosis pressure vessels said first RO stage configured to receive a feed stream of saline water to thereby produce a first reject stream and a first permeate stream wherein the permeate stream contains less salinity relative to the reject stream; (b) a second RO stage comprising one or more reverse osmosis pressure vessels said second RO stage being configured to receive the first reject stream to thereby produce a second reject stream and a second permeate stream; (c) a variable pressurizing means located upstream of said RO stages said variable pressurizing means capable of adjusting the pressure of said feed stream; and (d) a pressure recovery means configured to recover energy from said second reject stream said pressure recovery means capable of adjusting the pressure of said feed stream. The present invention further provides a method for performing the same.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7427/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE FOR PRODUCING CEMENT

(51) International classification :C04B7/44,F27D13/00,F27D17/00
(31) Priority Document No :2012-057517
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056980
Filing Date :13/03/2013
(87) International Publication No :WO 2013/137304
(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 :
Provided is a device that is for producing cement uniformly supplies starting materials to cyclones above a guide tube increases heat exchange efficiency by means of uniform pre heating and can cause an operation having low pressure loss and low energy consumption. In the device for producing cement between a plurality of upper level cyclones (13A) and a lower level cyclone (13B) disposed there below a guide tube (21) is provided that causes exhaust gas led out from the lower level cyclone (13B) to flow upward to be distributed and to be led to the upper level cyclones (13A). At a position below the guide tube (21) distribution section (23) to the plurality of upper level cyclones (13A) are disposed a number of starting material supply tubes (22) which supply cement starting materials equal to the number of distributed exits (21a) to the upper level cyclones (13A). The connection openings (22a) of the starting material supply tubes (22) to the guide tube (21) are disposed one at a time at positions corresponding to the flow of each revolving flow of exhaust gas flowing into the distributed exits (21a).

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7540/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : REACTIVE RECTIFICATION COLUMN FOR PERFORMING CHEMICAL REACTIONS

(51) International classification :B01J8/04,B01D3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2012/000099
Filing Date :13/02/2012
(87) International Publication No :WO 2013/122496
(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 :
A device for performing chemical reactions, in which one starting substance is in the liquid phase and one product is in the gaseous phase, is proposed, comprising a reaction zone which includes two catalytic sections, each section having a feed channel and an overflow well which simultaneously acts as the feed channel for the next section, such that liquid from each section passes into the overflow well of this section and via it enters the lower part of the next section, the device being designed to permit removal of the gaseous products of each section, bypassing the remaining sections.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7543/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BAFFLES FOR IMPROVING RISER HYDRODYNAMICS

(51) International classification :C10G11/18,C07C4/06
(31) Priority Document No :13/452093
(32) Priority Date :20/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029573
Filing Date :07/03/2013
(87) International Publication No :WO 2013/158235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAVYDOV Lev

(57) Abstract :
Fluid catalytic cracking units having risers with improved hydrodynamics through the use of baffles are described. The baffles break up the high concentration of catalyst in the slower moving outer annulus and redistribute it into the faster moving more dilute center of the riser flow.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7544/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RIGHTING DEVICE FOR A WATER VESSEL

(51) International classification :B63C7/00
(31) Priority Document No :1206319.4
(32) Priority Date :10/04/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050874
Filing Date :03/04/2013
(87) International Publication No :WO 2013/153363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)CHADWICK Chris

(57) Abstract :
The invention relates to a device for righting a boat or other wafer vessel following a capsize. The device (50) comprises an inflatable body (5 1) which can be stowed in a collapsed state when un-inflated. A source of compressed gas (78, 80) is provided to inflate the body following a capsize. The inflatable body has a flexible skin which forms at least first and second inflatable chambers (91, 95), A valve arrangement is provided which causes the chambers to be inflated in a predetermined sequence. Specifically, the first chamber is inflated before the second. The first chamber is provided with means for securely mounting it upon the vessel. The second chamber is coupled to the first, to be supported by the first chamber when the device is deployed. Due to its buoyancy when submerged,, the second chamber Is able to apply a righting moment to the vessel. The first chamber serves to transmit this moment to the vessel. The staged inflation of the body alleviates its natural tendency to pop up to the surface before it is adequately inflated.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7545/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DC MOTOR FOR DRIVING ASSEMBLIES OF A MOTOR VEHICLE

(51) International classification :H02K11/00,H02K5/15,H02K5/16
(31) Priority Document No :10 2012 103 928.3
(32) Priority Date :04/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/057246
Filing Date :05/04/2013
(87) International Publication No :WO 2013/164156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIMONS Norbert
3)SOGLOWEK Rafael

(57) Abstract :
DC motors (32) for driving assemblies of a motor vehicle are known said DC motors having a housing (36) which radially surrounds a stator and a rotor of the DC motor (32) and which is produced from an electrically conductive material having an end plate (38) which axially bounds the DC motor (32) and out of the centre of which a drive shaft (34) of the DC motor (32) projects and out of which two connection contacts (42) for supplying voltage to the DC motor (32) project wherein the end plate (38) is produced from an electrically non conductive material having a printed circuit board (54) on which electronic components (56, 58) for interference suppression are arranged and which has a central opening (55) through which the drive shaft (34) of the DC motor (32) projects and which has two plug through openings (64) through which the connection contacts (42) of the DC motor (32) project and having means (10) for producing an earth connection of the printed circuit board (54). However the earth connections are complicated to produce. In order to simplify this the invention proposes that as means for producing the earth connection of the printed circuit board (54) a metal sheet (10) is arranged axially between the printed circuit board (54) having the electronic components (56 58) for interference suppression and the end plate (38) said metal sheet having a first contact element (20; 22) for connection to the housing (36) and having a second contact element (24) for connection to conductor tracks (60) of the printed circuit board (54).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7516/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TYRE AND EXTENDED MOBILITY WHEEL TYRE ASSEMBLY

(51) International classification :B60C15/04,B60C15/06,B60C19/12
(31) Priority Document No :1253124
(32) Priority Date :05/04/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/056932
Filing Date :02/04/2013
(87) International Publication No :WO 2013/150024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AHOUANTO Michel
3)LEFEBVRE Serge
4)FLAMENT Julien

(57) Abstract :
Tyre in the shape of a torus open radially on the inside with an inner wall and an outer wall the inner wall being at least partially covered with a sealing layer (50) a crown two side walls and two beads a crown reinforcement and a carcass reinforcement (60) which is anchored in the two beads and extends at least from the beads as far as the crown characterized in that the sealing rubber (50) is at least in part covered with a layer of self sealing product (55) and in that with each bead having an annular reinforcing structure (70) the annular reinforcing structure comprises several windings of a single metal wire (72, 73) which are arranged axially side by side in several radially superposed layers so as to define a hexagonal cross section.

No. of Pages : 54 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7517/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SURGICAL IMPLANT

(51) International classification :A61F2/00
(31) Priority Document No :10 2012 005 978.7
(32) Priority Date :23/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/000868
Filing Date :21/03/2013
(87) International Publication No :WO 2013/139482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PRIEWE Jrg

(57) Abstract :
A surgical implant (10) has an areal basic structure (12) provided with pores (14). At least one projection (16, 17) which emerges at an angle of at most 40° from the plane defined by the areal basic structure (12) in the local environment of the projection (16, 17) protrudes into at least one of the pores (14). Preferably the at least one projection (16, 17) is produced from material of the basic structure (12) starts from the edge of the pore (14) and lies in the area defined by the basic structure (12).

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7519/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR CONTROLLING RECHARGING OF THE BATTERY ON A HYBRID VEHICLE

(51) International classification :B60K6/442,B60W20/00,B60W10/08
(31) Priority Document No :1253048
(32) Priority Date :03/04/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050591
Filing Date :19/03/2013
(87) International Publication No :WO 2013/150206
(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 invention relates to a method for controlling recharging of a traction battery on a motor vehicle hybrid transmission having a heat engine and at least one electrical machine where the electrical machine (7) is used as the sole motor driven power source up to a speed threshold (V) beyond which it is possible to couple the heat engine with the wheels in hybrid modes so as to run the power supplies from the heat engine and the electrical machine simultaneously with each other. Said method is characterized in that below the speed threshold the electrical machine ensures only the torque to be transmitted to the wheels while the heat engine is ignited so as to provide recharging without contributing to the pull of the vehicle when the driver bears on the accelerator pedal and while the wheels are separate from the heat engine and the electrical machine when the driver does not bear on the accelerator pedal so as to enable recharging of the battery.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014
(21) Application No.7574/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BAG WITH TEAR RESISTANT HANDLE

(51) International classification :B65D33/08,A45C3/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/073307
Filing Date :30/03/2012
(87) International Publication No :WO 2013/143117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YOU Jun

(57) Abstract :
A bag having a first and a second opposed side, a top end, a bottom end, and a first seal line adjacent said top end, said two opposed sides, said two opposed sides, top end, and bottom end defining a front panel and a rear panel of said bag, said bag comprising a handle positioned between said top end and said first seal line, said handle comprising a bottom portion, a top portion, and two arcuate end portions connecting said bottom portion and said top portion, said two arcuate end portions are mirror symmetric to each other about the centers of said top and bottom portions, wherein said arcuate end portion extends from 0 to 180 degrees above said bottom portion toward said top portion, wherein each of said arcuate end portions comprise at least two arcs Rl and R3, wherein the connections between said bottom portion, Rl, R3, and said top portion are in tangency, respectively, and wherein the radius of Rl is rl, the radius of R3 is r3, and the ratio between the r3 and rl is from 1.1 to 3.4.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7384/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PYRAZOLO[l,5-a]PYRIMIDINE-BASED COMPOUNDS, COMPOSITIONS COMPRISING THEM, AND METH ODS OF THEIR USE

(51) International classification :C07D487/04,A61K31/519,A61P25/16
(31) Priority Document No :61/608765
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029056
Filing Date :05/03/2013
(87) International Publication No :WO 2013/134228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GREEN Michael Alan
5)KUMI Godwin
6)MAIN Alan
7)ZHANG Yulian
8)ZIPP Glenn Gregory

(57) Abstract :
Pyrazolo[l,5-a]pyrimidinebased compounds of the formula: are disclosed, wherein Ri, R2 and R3 are defined herein. Compositions comprising the compounds and methods of their use to treat, manage and/or prevent diseases and disorders mediated by mediated by adaptor associated kinase 1 activity are also disclosed.

No. of Pages : 84 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7580/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COPPER ASSISTED ANTI REFLECTION ETCHING OF SILICON SURFACES

(51) International classification :H01L31/0236
(31) Priority Document No :13/423745
(32) Priority Date :19/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030257
Filing Date :11/03/2013
(87) International Publication No :WO 2013/142122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TOOR Fatima
2)BRANZ Howard M.

(57) Abstract :
A method (300) for etching a silicon surface (116) to reduce reflectivity. The method (300) includes electroless deposition of copper nanoparticles about 20 nanometers in size on the silicon surface (116) with a particle to particle spacing of 3 to 8 nanometers. The method (300) includes positioning (310) the substrate (112) with a silicon surface (116) into a vessel (122). The vessel (122) is filled (340) with a volume of an etching solution (124) so as to cover the silicon surface (116). The etching solution (124) includes an oxidant etchant solution (146) e.g. an aqueous solution of hydrofluoric acid and hydrogen peroxide. The silicon surface (116) is etched (350) by agitating the etching solution (124) with for example ultrasonic agitation and the etching may include heating (360) the etching solution (124) and directing light (365) onto the silicon surface (116). During the etching copper nanoparticles enhance or drive the etching process.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7581/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DISPENSING DEVICE FOR PRESSURIZED CONTAINERS FOR THE APPLICATION OF CRYOGENIC COOLANT

(51) International classification :A61B18/02,B65D83/40,B65D83/20
(31) Priority Document No :PD2012A000074
(32) Priority Date :09/03/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/050267
Filing Date :11/01/2013
(87) International Publication No :WO 2013/132357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OTTANELLI Luciano

(57) Abstract :
The invention is a dispensing device for pressurized containers (C) of coolants for cryotherapy comprising an opening/closing valve (C1) a dispenser body (A) a valve opening element (B) positioned between said dispenser body (A) and said container (C) and resting on said valve (C1) a closing cap or plug (T) suited to be positioned on and removably constrained to said dispenser body (A) and comprising one or more teeth or projections (T21) resting on said valve opening element (B) in order to open the valve (C1) a tube or duct (A1) included in and integral with said dispenser body (A) at least one applicator pad or filter (S) being partially inserted in a removable manner in one end of the tube or duct (A1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7582/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ROBUST REAL TIME CONTROL OF REGULAR AUTOMATED PRODUCTION

(51) International classification :G05B19/05
(31) Priority Document No :13/428943
(32) Priority Date :23/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030117
Filing Date :11/03/2013
(87) International Publication No :WO 2013/142113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RUDNICK Juergen
2)KANJI Muslim Gulam
3)BUONACUAORE Christopher
4)KILPATRICK Cathleen F.
5)ANUSHKO Keith

(57) Abstract :
A method includes initializing (405), at a first controller (104a-104b, 304a-304b), at least one process step of a control recipe from a master recipe associated with a batch process in response to detection of an event associated with the batch process. The method also includes executing (407), at the first controller, the at least one process step of the control recipe. The method further includes initializing (407), at the first controller, at least one second process step of the control recipe while executing the at least one process step of the control recipe. Initializing the at least one process step of the control recipe from the master recipe may include copying only a portion of the master recipe into the control recipe that is needed to begin execution of the control recipe.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7583/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ILLUMINATED DISSUADER DEVICE

(51) International classification :E01F9/016,E01F13/04
(31) Priority Document No :TO2012A000250
(32) Priority Date :20/03/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/052176
Filing Date :19/03/2013
(87) International Publication No :WO 2013/140338
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BERTO Renato

(57) Abstract :
An illuminated dissuader device comprises a frame (1) to be secured to the ground and a bollard (10) that comes out from the ground to form an obstacle protruding therefrom. The bollard (10) comprises a base (12) connected to the frame and an upper portion (11) comprising a tubular lighting element (111) extending substantially along the entire length of the upper portion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7552/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : UPS HAVING A DELTA CONVERTER UTILIZED AS INPUT POWER REGULATOR IN A DOUBLE CONVERSION SYSTEM

(51) International classification :H02M5/45
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/027050
Filing Date :29/02/2012
(87) International Publication No :WO 2013/130054
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NOMMENSEN Carsten
2)SCHMIDT Jacob Damgaard

(57) Abstract :
An uninterruptible power supply includes a first power converter, a second power converter, and a DC-to-AC converter coupled to the first power converter and the second power converter. The first power converter includes a first AC-to-DC converter and a transformer having a primary winding coupled to the input and the output, and a secondary winding coupled to the first AC-to-DC converter. The first power converter is configured, during a first mode of operation of the UPS, to provide a first portion of the AC input power as the AC output power via the primary winding and convert a second portion of the AC input power into DC power via the first AC-to-DC converter. The second power converter includes a second AC-to-DC converter and is con figured to convert the AC input power into DC power via the second AC-to-DC converter during a second mode of operation of the UPS.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7553/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COUPLING FOR FLUID BLADDER

(51) International classification :F16L37/40
(31) Priority Document No :61/602728
(32) Priority Date :24/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027418
Filing Date :22/02/2013
(87) International Publication No :WO 2013/126766
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILHELM Grant Armin
2)DOWNS Dennis Daniel
3)SCHMIDT Mark F.

(57) Abstract :
A coupler (510) for a fluid system includes: a coupling device made of an inflexible polymeric material the coupling device including a body (502) defining a fluid passage therethrough that is connected to an aperture (504) sized to receive a mating coupling device the coupling device including a latch configured to move between an uncoupled state and a coupled state to couple the mating coupling device thereto; and a base (660) made of a flexible polymeric material the base including a flange member (602) sized to be coupled to a bladder of the fluid hydration system and the base including a receiving member sized to receive at least a portion of the coupling device. The base is overmolded over the coupling device to form the coupler the coupler being fluid tight.

No. of Pages : 48 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7554/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ASEPTIC COUPLING DEVICES

(51) International classification :A61M39/18,F16L37/30
(31) Priority Document No :61/598986
(32) Priority Date :15/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026374
Filing Date :15/02/2013
(87) International Publication No :WO 2013/123347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILLIAMS Randall Scott
2)PLACKNER Blair
3)ANDREWS Todd
4)NICHOLS Jeremy

(57) Abstract :
Formation of a sterile connection includes inserting a first aseptic coupling device (100) into a second aseptic coupling device (200) while a locking ring (108) of the first aseptic device is in an indexed initial position rotating the locking ring to a secured position in which a compressive force is created and in which a first membrane (104) from the first aseptic coupling device and a second membrane (204) from the second aseptic coupling device can removed thereby resulting in a first a first sealing member of the first aseptic coupling device sealing with a second sealing member of the second aseptic coupling device to form a sterile fluid passageway.

No. of Pages : 63 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7555/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BOTTOM PRODUCT COOLING IN A FLUIDIZED BED GASIFICATION

(51) International classification :C10J3/52
(31) Priority Document No :10 2012 002 711.7
(32) Priority Date :14/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/052143
Filing Date :04/02/2013
(87) International Publication No :WO 2013/120721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PAVONE Domenico
2)ABRAHAM Ralf
3)TOPOROV Dobrin

(57) Abstract :
With a method for cooling and pressure expansion of the bottom product produced in a fluidized bed gasification of biomass brown coal hard coal with a high ash content an economic solution for cooling and pressure expansion of the bottom product produced is to be ensured which is achieved by the bottom product leaving the fluidized bed at a maximum of 1500°C and a pressure of up 40 bar being fed to an intermediate store then from the intermediate store to a pressure tank having a cooling system and then to an expansion system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7557/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESSING OF METAL OR ALLOY OBJECTS

(51) International classification :B22F3/00
(31) Priority Document No :1203359.3
(32) Priority Date :24/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050409
Filing Date :20/02/2013
(87) International Publication No :WO 2013/124649
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WARD CLOSE Charles Malcolm

(57) Abstract :
Disclosed are methods of processing an object (2) the object (2) being made of a metal or an alloy the object (2) having a plurality of open cavities (10) the method comprising: performing a sealing process on the object (2) to seal the openings of the open cavities (10) thereby forming a plurality of closed cavities (8); and reducing the sizes of the closed cavities (8) by performing a consolidation process on the object (2) having the closed cavities (8).Sealing process may comprise shot peening or coating the object (2). A consolidation process may comprise a hot isostatic pressing process. The sizes of the closed cavities (8) may be reduced until the closed cavities (8) are no longer present in the object (2).

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7460/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SOFTWARE INSTALLATION METHOD DEVICE AND SYSTEM

(51) International classification :G06F9/445
(31) Priority Document No :201210041072.1
(32) Priority Date :22/02/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/000218
Filing Date :01/03/2013
(87) International Publication No :WO 2013/123829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)HUANG Zefeng
4)GUO Haoran
5)XIAO Quanhao
6)YUAN Yixia
7)SONG Jiashun
8)LI Pengtao
9)DAI Yunfeng

(57) Abstract :
The present invention relates to the technical field of computers and disclosed are a software installation method device and system. The method comprises: when a user requests software installation receiving user information and software identification information sent by a first mobile terminal; searching pre established correspondence between user information and software information and determining whether the user information and the software identification information corresponding thereto exist; if yes searching for a corresponding installation package according to the software identification information and sending the installation package to the first mobile terminal the installation package being used for the first mobile terminal to install software. A server comprises: a first receiving module a determining module a searching module and a sending module. A mobile terminal comprises: a sending module a receiving module and an installation module. The system comprises: a server and a mobile terminal. The present invention not only improves the efficiency of software installation but also reduces the risks when a mobile terminal installs software.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7461/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CRYSTALLINE FORM OF A SUCCINATE SALT

(51) International classification :C07D471/10,A61K31/438,A61P11/00
(31) Priority Document No :61/612727
(32) Priority Date :19/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/052092
Filing Date :15/03/2013
(87) International Publication No :WO 2013/140319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LINDENBERG Christian
3)PERLBERG Anett
4)TUFILLI Nicola

(57) Abstract :
This invention relates to a new crystalline form of the succinate salt of the epithelial sodium channel (ENaC) blocker 3-(3- {2-[(E)-3,5-Diamino-6-chloro-pyrazine-2-carbonylimino]- 1,3,8- triaza-spiro[4.5]decane-8-carbonyl} -benzenesulfonylamino)- propionic acid dipropylcarbamoylmethyl ester, pharmaceutical compositions comprising said crystalline form, uses of said crystal line form and pharmaceutical compositions, and methods for preparing said crystalline form.

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7462/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RICE PLANTING MACHINE

(51) International classification :A01C11/02,B60K11/06
(31) Priority Document No :2012-070642
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057836
Filing Date :19/03/2013
(87) International Publication No :WO 2013/146474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)NAKAMURA Shoichi

(57) Abstract :
The present invention addresses the problem of providing a rice planting machine (1) in which cooling efficiency is improved and peripheral components such as cooling system components and power transmission system components are arranged in an efficient and compact manner around an engine (5). The rice planting machine (1) of the present invention is provided with an engine (5) that is mounted on a traveling machine body (2) a transmission case (6) that changes the speed of power from the engine (5) and a seedling planting device (23) that is mounted on the traveling machine body (2). A suction fan (71) for engine cooling is provided on one side surface of the engine (5). The engine (5) is arranged so as to protrude between machine body frames (50) at a position that is lower than both of the machine body frames (50). A ventilation duct (84) that causes cooling air from the suction fan (71) to pass above the machine body frames (50) is arranged on another side surface said other side surface being on the opposite side of the engine (5) from the side on which the suction fan (71) is provided. An upper exhaust air passage (85) for the engine (5) is formed by the ventilation duct (84) and the area below the machine body frames that are on the other side surface side of the engine (5) is configured to be a lower exhaust air passage (86) for the engine (5).

No. of Pages : 55 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7463/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RICE PLANTING MACHINE

(51) International classification :F02B65/00,A01C11/02,B60K13/04
(31) Priority Document No :2012070641
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057835
Filing Date :19/03/2013
(87) International Publication No :WO 2013/146473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KURODA Tomoyuki
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(57) Abstract :
The present invention addresses the problem of providing a rice planting machine (1) in which cooling efficiency is improved and peripheral components such as cooling system components and power transmission system components are arranged in an efficient and compact manner around an engine (5). The rice planting machine (1) of the present invention is provided with an engine (5) that is mounted on a traveling machine body (2) a transmission case (6) that changes the speed of power from the engine (5) and transmits said power to the traveling sections (3 4) of the traveling machine body (2) and a seedling planting device (23) that is mounted on the traveling machine body (2). A suction fan (71) for engine cooling is provided on one side surface of the engine (5). On another side surface of the engine (5) said other side surface being on the opposite side of the engine (5) from the side on which the suction fan (71) is provided an exhaust pipe (87) that is connected to the exhaust system of the engine (5) extends along one part of the other side surface and a generator (94) is arranged on another part of the other side surface so that an output shaft (70) protruding from the other side surface is sandwiched therebetween.

No. of Pages : 54 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7405/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COLD ROLLED STEEL SHEET AND MANUFACTURING METHOD FOR SAME

(51) International classification :C22C38/00,B21B3/00,C21D9/46
(31) Priority Document No :2012036474
(32) Priority Date :22/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053312
Filing Date :13/02/2013
(87) International Publication No :WO 2013/125399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HATA Kengo
2)TOMIDA Toshiro
3)IMAI Norio
4)HAGA Jun
5)NISHIO Takuya

(57) Abstract :
A high-strength cold-rolled steel sheet having excellent ductility and stretch flangeability includes: a chemical composition consisting, in mass%, C: 0.06 to 0.3, Si: 0.6 to 2.5%, Mn: 0.6 to 3.5%, P: at most O.l%, S: at most 0.05%, Ti: 0 to 0.08%, Nb: 0 to 0.04%, total of Ti and Nb: 0 to 0.10%, sol.Al : 0 to 2.0%, Cr: 0 to I%, Mo: 0 to 0.3%, V: 0 to 0.3%, B: 0 to 0.005%, Ca: 0 to 0.003%, REM: 0 to 0.003% and the remainder of Fe and impurities; a microstructure having a main phase including at least 40 area% in total of martensite and/or bainite; and a texture in which proportion of an average X-ray intensity in an {100}<011> to {211}<011> orientations relative to an average X-ray intensity of a random structure not having a texture is less than 6.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.7406/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE AND METHOD FOR OPENING AN AMPOULE

(51) International classification :B67B7/92
(31) Priority Document No :61/619756
(32) Priority Date :03/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030739
Filing Date :13/03/2013
(87) International Publication No :WO 2013/151696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RIESEWEBER Gunnar
3)ROTH Christian

(57) Abstract :
A device (100) for opening an ampoule (200) includes an ampoule holder (130) configured to hold a body (210) of the ampoule along a central longitudinal axis (LI) a head holder (150) configured to hold a head (220) of the ampoule and a guide (190) engaged with the head holder and configured to direct the head holder from a first position on the central longitudinal axis to a second position offset from the central longitudinal axis when the ampoule holder is advanced in a first direction along the central longitudinal axis from an initial position. A method for opening an ampoule includes moving the ampoule in a first direction along a central longitudinal axis directing the head of the ampoule laterally and/or obliquely away from the central longitudinal axis to break the head of the ampoule from the body of the ampoule when the ampoule is moved in the first direction removing material from the body of the ampoule and removing liquid from the head of the ampoule.

No. of Pages : 38 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7590/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND SYSTEM FOR ELECTRO ASSISTED HYDROGEN PRODUCTION FROM ORGANIC MATERIAL

(51) International classification :C12P3/00,C12M1/42,C12N13/00
(31) Priority Document No :61/600325
(32) Priority Date :17/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050121
Filing Date :15/02/2013
(87) International Publication No :WO 2013/120206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HAFEZ Hisham Mohamed

(57) Abstract :
A method for producing hydrogen from organic material. Organic material and hydrogen-producing microorganisms are provided in a completely mixed bioreactor for breaking down the organic material into H2, CO2, fatty acids,and alcohols. H2, CO2, and a first liquid effluent are recovered from the completely mixed bioreactor. The first liquid effluent includes hydrogen-producing microorganisms, fatty acids, and alcohols. The first liquid effluent is provided into a gravity settler for separating the first liquid effluent into a concentrated biomass (including hydrogen-producing microorganisms) and a second liquid effluent (including at least a portion of the fatty acids and the alcohols). The concentrated biomass is provided into the completely mixed bioreactor. An input voltage is applied to at least one of the completely mixed bioreactor and the gravity settler for facilitating an electrohydrogenesis process therein.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7838/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FOOD AND BEVERAGE PRODUCTS CONTAINING 1 3 PROPANEDIOL AND METHODS OF SUPPRESSING BITTERNESS AND ENHANCING SWEETNESS IN FOOD AND BEVERAGE PRODUCTS USING 1 3 PROPANEDIOL

(51) International classification :A23L1/22,A23L1/236,A23L1/237
(31) Priority Document No :61/609044
(32) Priority Date :09/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029801
Filing Date :08/03/2013
(87) International Publication No :WO 2013/134611
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DIERBACH Lisa Ann
2)TOPINKA John B.
3)BARBER Deborah D.

(57) Abstract :
Food or beverages prepared using 1,3-propanediol have shown to have modified flavor profiles, including bitterness suppression of high intensity sweeteners and potassium chloride, relative to comparable food or beverages that do not include 1,3- propanediol. Inclusion of 1,3-propanediol uniquely modifies the flavor profile of food products or food ingredients even when 1,3- propanediol is included in such low amounts that it does not itself contribute flavor to the product. 1,3-propanediol may be included in the food or beverage products in certain amounts to effect this bitterness suppression or in specific ratios relative to one or more high intensity sweeteners or potassium chloride.

No. of Pages : 38 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7550/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FRICTION TRANSMISSION BELT

(51) International classification :F16G1/28,C08J5/04,F16G1/00
(31) Priority Document No :2012-039235
(32) Priority Date :24/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/008338
Filing Date :26/12/2012
(87) International Publication No :WO 2013/124943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKAHASHI Shinji
2)OKUBO Takayuki
3)TAKANO Yasuhiro
4)TACHIBANA Hiroyuki
5)NOGUCHI Tadahiko

(57) Abstract :
A friction transmission belt (B) which includes a pulley contact part (11) formed from a rubber composition wherein short fibers (16) have been disposed in the pulley contact part (11) so as to protrude from the surface thereof. The short fibers (16) consist only of aramid short fibers and non aramid synthetic short fibers having a standard moisture regain of 4% or less.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7830/DELNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :F02B37/18,F02B39/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/058648
Filing Date :30/03/2012
(87) International Publication No :WO 2013/145278
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MATSUI Hiroki

(57) Abstract :
The minimum value for the degree of opening of a wastegate valve (24) wherein the flow volume of exhaust air flowing via a wastegate port (22) when the degree of opening of the wastegate valve (24) is changed toward the open side stops increasing is defined as a first prescribed degree of opening. An electronic control device (50) controls the degree of opening of the wastegate valve (24) on the basis of the engine operating state and when the vehicle is running steadily at a high speed that is when the degree of opening of the wastegate valve (24) which has been set on the basis of the engine operating state is equal to or greater than the first prescribed degree of opening the degree of opening of the wastegate valve (24) is varied between values equal to or greater than the first prescribed degree of opening.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7831/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : USE OF MODAFINIL IN THE TREATMENT OF COCAINE ADDICTS

(51) International classification :A61K9/16,A61K9/20,A61K9/48
(31) Priority Document No :12/00581
(32) Priority Date :28/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/000052
Filing Date :25/02/2013
(87) International Publication No:WO 2013/128088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUPLIE Pascal
2)VIVET Philippe

(57) Abstract :
The present invention relates to the use of modafinil in cocaine addiction. The modafinil used is the dextrorotatory enantiomer thereof (modafinil S) having a very rapid release time of less than 1 hour preferably 15-30 minutes and very reduced wakefulness promoting effects of less than 4 hours preferably less than 2 hours. Said modafinil is to be taken in the form of a pharmaceutical composition via oral administration each unit dose comprising 25-200 mg preferably 50-100 mg of modafinil S. The invention further relates to the use of said pharmaceutical composition as a substitution treatment for cocaine addicts.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7832/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POWER GENERATING DEVICE

(51) International classification :F01K13/00,F01C1/02,F01C13/00
(31) Priority Document No :2012-047344
(32) Priority Date :02/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055333
Filing Date :28/02/2013
(87) International Publication No :WO 2013/129550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HAMACHI Yasuyuki

(57) Abstract :
Provided is a power generating device capable of effectively cooling an expander a power generator and a control device even in the outdoors. In the power generating device (1) an expander (2) driven by steam a power generator (3) coupled with and driven by the output shaft (43) of the expander (2) and a control device (50) are placed on a base (21) and housed in a storage box (22). The storage box (22) has a partition member (30) provided upright from the base (21). The control device (50) is housed in one side partitioned by the partition member (30) and the expander (2) and the power generator (3) are housed in the other side. The base (21) is provided with a ventilation path (21c) for taking outside air into the storage box (22) and the ceiling portion of the storage box (22) is provided with a net plate (31) and a protective roof (32) provided above and around the net plate (31) with a predetermined space therebetween to enable air to be discharged outside. The expander (2) and the power generator (3) are installed securely on a frame (27) provided upright on the base (21) and set apart from the base (21).

No. of Pages : 27 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7563/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WORKING FLUID COMPOSITION FOR REFRIGERATOR

(51) International classification :C10M169/04,C09K5/04,C10M105/18
(31) Priority Document No :2012-076301
(32) Priority Date :29/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059309
Filing Date :28/03/2013
(87) International Publication No :WO 2013/147045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SAITO Masanori
2)ETO Hiroshi
3)TAKAHASHI Tsutomu
4)ADEGAWA Kuniko

(57) Abstract :
This working fluid composition for a refrigerator contains: a refrigerant containing monofluoroethane; and a refrigerant oil containing as a base oil at least one type selected from polyol ester polyvinyl ether and a polyalkylene glycol compound said base oil having a carbon/oxygen molar ratio of 2.5-5.8.

No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7564/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONCENTRATED POLYMER COMPOSITION (MASTERBATCH) PRODUCTION METHOD THEREOF AND USE OF SAME FOR ADDING TO POLYESTER FIBRES AND FILAMENTS

(51) International classification :C08J3/22,C08L33/10,D01F1/02
(31) Priority Document No :P201230366
(32) Priority Date :12/03/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070043
Filing Date :30/01/2013
(87) International Publication No :WO 2013/135926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ESPA'A PLANS Martn

(57) Abstract :
The invention pertains to the field of synthetic fibre production for the textile industry and relates to the design and use of a concentrated polymeric composition (masterbatch) comprising: a polymer from the metlacrylate family as a support polymer representing between 30 wt. % and 99 wt. % of the polymer composition; and at least one additive and/or pigment representing between 1 wt. % and 70 wt. % of said composition. During the extrusion process the composition of the invention is incorporated into the molten fibre and filament forming polyester polymers in order to increase speed in the spinning process (productivity).

No. of Pages : 51 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7842/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMAGE PROCESSING DEVICE IMAGE CAPTURING ELEMENT IMAGE PROCESSING METHOD AND PROGRAM

(51) International classification	:H04N9/07
(31) Priority Document No	:2012-070538
(32) Priority Date	:27/03/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/083615
Filing Date	:26/12/2012
(87) International Publication No	:WO 2013/145487
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KAIZU Shun

(57) Abstract :
Provided are a device and a method for receiving an RGBW image and generating an RGB image having small amounts of color noise and false color. The device has: an image sensor having an RGBW array; and an image processing unit for receiving a sensor image consisting of RGBW pixel signals output from the image sensor and for executing image processing. The image sensor has a periodic array of unit constituents each consisting of the pixels of respective RGBW and has an array in which the constituent ratios of the pixels of respective RGB in each of the unit constituents are set to be identical to each other. The image processing unit executes at least either array conversion processing for converting the pixel array of the sensor image consisting of the RGBW pixel signals to generate an RGB array image or signal processing for generating the image signals of respective RGB in which all pixel values of RGB are set at the respective pixel positions of the sensor image.

No. of Pages : 181 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7843/DELNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :H04N7/173,G06T1/00,H04N5/225
(31) Priority Document No :2012-071333
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053204
Filing Date :12/02/2013
(87) International Publication No :WO 2013/145900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KASAHARA Shunichi
3)SHIGETA Osamu
4)SUZUKI Seiji
5)FUKAZAWA Ryo

(57) Abstract :
[Problem] To easily grasp the change of the state in a network service of a subject in a captured image. [Solution] Provided is an information processing device provided with: an image acquisition unit which acquires a captured image; a change detection unit which detects the change of the state in a network service of a subject recognized from the captured image; and a representation change unit which when the change of the state is detected by the change detection unit changes the representation of the subject in the captured image.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7844/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR CASTING A CAST PART PROVIDED WITH AT LEAST ONE PASSAGE OPENING

(51) International classification :B22C9/10,B22C9/02,B22D30/00
(31) Priority Document No :10 2012 103 884.8
(32) Priority Date :03/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/058396
Filing Date :23/04/2013
(87) International Publication No :WO 2013/164225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ARNOLD Klaus

(57) Abstract :
According to the invention, in order to produce cast parts having passage openings and having optimized mechanical properties with low equipment expense, the following work steps are performed a) providing a casting mold (2), in which at least one casting core (8-19) for forming the passage opening (01, 02) is present, wherein the casting core (8-19) is made of a molding material comprising a binder, which molding material decomposes under the influence of force or temperature, b) pouring the metal melt (S) into the casting mold (2) to the cast part (ZI, Z2), c) cooling the cast pari (ZI, Z2) in the casting mold (2) to a temperature that is below the liquidus temperature of the metal melt (S) but above a minimum temperature down to which a higher- strength microstructure is formed when accelerated cooling is performed, d) producing a passage Channel (Gl, G2), that leads through the passage opening (01, 02) of the cast part (ZI, Z2), which passage Channel opens at an outside of the casting mold (2), in that the binder of the molding material, from which the casting core (8-19) forming the passage opening (01, 02) burns due to the heat input into the casting mold during the pouring of the metal melt into the casting mold, or in that the casting core (8-19) forming the particular passage opening (01, 02) and the areas of the casting mold (2) arranged in the extension (V1, V2) of the casting core are at least partially mechanically destroyed, e) cooling the cast part (ZI, Z2) in the casting mold (2) while a cooling medium (Ml, M2) flows through the passage Channel (Gl, G2).

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7569/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A CANISTER FOR PRODUCING THE FOAM

(51) International classification :B65D83/16
(31) Priority Document No :0326768.9
(32) Priority Date :17/11/2003
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2004/004848
Filing Date :17/11/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2748/DELNP/2006
Filed on :16/05/2006

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3)NIKKI ROBINSON
4)GARRY HODGES
5)ADIL KADAR
6)HUGH VAN LIEW
7)GEOFFREY D. MOGGRIDGE

(57) Abstract :
A canister for producing the foam as claimed in claim 1, the contents of which consist of a liquid component and a gas component, maintained at above atmospheric pressure, wherein: the liquid phase comprises at least one sclerosing agent and the gas phase consisting essentially of gaseous nitrogen present in an amount ranging from 0.0001% to 0.8% by volume and at least one physiologically acceptable gas.

No. of Pages : 119 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014
(21) Application No.7570/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ADD ON SYSTEM AND METHODS FOR SPATIAL SUPPRESSION OF INTERFERENCE IN WIRELESS COMMUNICATION NETWORKS

(51) International classification :H04B17/00
(31) Priority Document No :218047
(32) Priority Date :12/02/2012
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050128
Filing Date :12/02/2013
(87) International Publication No :WO 2013/118127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TABRIKIAN Joseph
3)WULICH Dov

(57) Abstract :
A system for cancelling interference in a wireless network the system comprising apparatus for computing and outputting at least N weighting vectors; and apparatus for cancelling interference from antennae outputs received by the system using the weighting vectors respectively by converting the weighting vectors into FIR filter coefficients and applying FIR filters corresponding to the FIR filter coefficients to derivatives of antennae outputs received by the system. The apparatus for computing and outputting weighting vectors may be operative by estimating a spatial signature while distinguishing interference spatial signature from desired signal spatial signature although both are received simultaneously.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7571/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VARIABLE SPEED HYBRID ELECTRIC SUPERCHARGER ASSEMBLY AND METHOD OF CONTROL OF VEHICLE HAVING SAME

(51) International classification :F02B33/34,B60K6/485,B60K6/48
(31) Priority Document No :61/617152
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030944
Filing Date :13/03/2013
(87) International Publication No :WO 2013/148205
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EYBERGEN William N.
3)TSOURAPAS Vasilios
4)PRYOR Martin D.

(57) Abstract :
A supercharger assembly includes a supercharger in series with an engine that has a crankshaft and has an air intake manifold defining a plenum through which air flow is provided to the engine. A supercharger is upstream of the plenum in air flow to the engine and has a first rotor rotatable with a first shaft and a second rotor rotatable with a second shaft. The supercharger assembly also includes an electric motor generator that is selectively alternately operable as a motor and as a generator and a planetary gearing arrangement having a first member operatively connected to the electric motor generator a second member connectable to be rotated by the engine crankshaft and a third member operatively connected for rotation with the first shaft. The supercharger assembly has only two selectively engageable torque transmitting mechanisms and a control system configured to control the electric motor generator and the torque transmitting mechanisms.

No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7573/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LAUNDRY CARE COMPOSITIONS CONTAINING DYES

(51) International classification :C09B29/01,C09B29/08,C11D3/40
(31) Priority Document No :61/612539
(32) Priority Date :19/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032953
Filing Date :19/03/2013
(87) International Publication No :WO 2013/142486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MIRACLE Gregory Scot
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(57) Abstract :
This application relates to laundry care compositions comprising carboxylate fabric shading dyes and methods of treating a textile comprising such laundry care compositions.

No. of Pages : 78 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7849/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : USER DEPENDENT FUNCTIONS AND DATA IN A MOBILE COMMUNICATION DEVICE

(51) International classification	:H04M1/673,H04W8/18,H04W12/06
(31) Priority Document No	:1203175.3
(32) Priority Date	:23/02/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2013/050464 :25/02/2013
(87) International Publication No	:WO 2013/124689
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)LEDUC Michel

(57) Abstract :
A method of accessing a partition on a mobile communication device comprises receiving data specifying a partition; receiving an identification code from an identification module in or associated with the device; determining based on both the data specifying a partition and the identification code whether access to the specified partition is to be allowed; and allowing or denying access to the specified partition accordingly.

No. of Pages : 39 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7850/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FOLDING CAB FRAME

(51) International classification :B62D21/14,B62D21/18,B62D23/00
(31) Priority Document No :61/617844
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/034530
Filing Date :29/03/2013
(87) International Publication No :WO 2013/149106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GROSS Brian J.
4)LEONARD Jed P.

(57) Abstract :
An illustrative embodiment of the present disclosure includes a vehicle (10) comprising a plurality of ground engaging members (12, 14) a chassis (30) supported by the plurality of ground engaging members and an engine (274) supported by the chassis. The engine is configured to provide power to at least one of the plurality of ground engaging members. The vehicle further comprises a seating area (150) supported by the chassis. The seating area includes at least an operator seat (152) and a passenger seat (158) in a side by side arrangement. The vehicle further comprises a plurality of longitudinal members (62) positionable above the seating area and a coupling device (130) coupled to at least one of the longitudinal members. The coupling device has an adjustment member (144) to vary a force of the coupling device.

No. of Pages : 72 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7575/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TURBOMACHINE COMPONENT WITH A FUNCTIONAL COATING

(51) International classification :C23C28/04,C23C14/06
(31) Priority Document No :12164302.7
(32) Priority Date :16/04/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056855
Filing Date :02/04/2013
(87) International Publication No :WO 2013/156296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)B–HME Christian
3)KERN Torsten Ulf
4)SCHRHOFF Jrg
5)SHENG Shilun
6)DE LAZZER Armin

(57) Abstract :
A turbomachine component has a main body (2) and a multilayer coating (3), which is applied directly to the main body (2), is at least 5 µm and at most 35 µm thick and has a plurality of layers (4, 5) applied directly one on top of the other, wherein the layer applied directly to the main body is an adhesion promoting layer (4), which comprises chromium nitride, and at least one of the remaining layers (5) comprises a hard material.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014
(21) Application No.7576/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND APPARATUS FOR NON NATIVE SHORT MESSAGE SERVICE COMMUNICATIONS

(51) International classification :H04W4/14,H04W4/16
(31) Priority Document No :61/745926
(32) Priority Date :26/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076979
Filing Date :20/12/2013
(87) International Publication No :WO 2014/105708
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FIGHEL Guy

(57) Abstract :
Methods and apparatus for routing non native Short Message Service (SMS) messages to a first device the first device being assigned a native identifier and being associated with a native telephony service provider are provided herein. In some embodiments the method includes receiving an SMS message directed to the native identifier of the first device determining routing instructions for the SMS message based on the native network identifier associated with the first device and routing the SMS message to the first device based on the determined routing instructions wherein the act of routing results in SMS messages directed to the native identifier of the first device being directed to a forwarding identifier assigned to the first device by a first non native communication service provider.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7578/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PLUG CONNECTION FOR CONNECTING LINES FOR PRESSURISED LIQUIDS OR GASES

(51) International classification :F16L37/088
(31) Priority Document No :A 537/2012
(32) Priority Date :07/05/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050101
Filing Date :06/05/2013
(87) International Publication No :WO 2013/166536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HENN GMBH & CO KG.
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(72)**Name of Inventor :**
1)HARTMANN Harald

(57) Abstract :
The invention relates to a plug connection (1) comprising a first plug connector (2) a second plug connector (7) which can be inserted into the first plug connector (2) and a detent spring (13) fastened to the first plug connector (2) which detent spring engages in a groove (21) of the second plug connector (7) when the second plug connector (7) has been inserted. According to the invention the detent spring (13) can be moved from a locked position in which the detent spring (13) is locked against radially outward movement to an unlocked position in which the movement of the detent spring (13) radially outwards is unlocked and a release device (33) that can be selectively activated is arranged on the first plug connector (2) wherein the activated release device (33) holds the detent spring (13) in the unlocked position. The invention further relates to a method for using such a plug connection (1). A plug connection (1) and a method for using said plug connection (1) are thereby provided whereby it is possible to ensure in a most safe simple and inexpensive manner that only properly manufactured plug connectors (2, 7) can be connected to one another.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7579/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICES AND METHOD FOR ASSIGNING NETWORK ADDRESSES

(51) International classification :G06F12/06,H04L29/12,H04L12/40
(31) Priority Document No :12157078.2
(32) Priority Date :27/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/074443
Filing Date :05/12/2012
(87) International Publication No :WO 2013/127479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Leo Bekaertlaan 1, B-8870 Izegem Belgium
(72)**Name of Inventor :**
1)VAN DEN WOUWER Dirk

(57) Abstract :
The present invention relates to a switching device comprising a terminal pair (110,170) arranged for signal transmission and reception circuitry (195) adapted for generating a stimulus signal to a plurality of network devices (299,399) forming a daisy chain and for receiving a response signal to the stimulus signal said circuitry (195) further arranged for deriving from at least the response signal an indication of a network device of the plurality being operational or not processing means (190) arranged for assigning a location based network address to the network device of the plurality taking into account the derived indication.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7511/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WINDING LAYERS COMPOSED OF DIFFERENT MATERIALS

(51) International classification :H02K3/40
(31) Priority Document No :12161152.9
(32) Priority Date :26/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055245
Filing Date :14/03/2013
(87) International Publication No :WO 2013/143864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GR–PPEL Peter
3)POHLMANN Friedhelm
4)ROHR Claus
5)R–DING Roland
6)WIRSING Julia

(57) Abstract :
Fewer insulation layers can be used by virtue of using hydrophobic electrically conductive materials.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2014

(21) Application No.7512/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTRODE FOR PHOTOHYDROLYSIS AND METHOD FOR MANUFACTURING SAME

(51) International classification :B01J35/02,B01J27/24,C01B3/04
(31) Priority Document No :2012-052248
(32) Priority Date :08/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056182
Filing Date :06/03/2013
(87) International Publication No :WO 2013/133338
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MINEGISHI Tsutomu
2)DOMEN Kazunari
3)KUBOTA Jun

(57) Abstract :
Provided is an electrode for photohydrolysis capable of enlarging a conduction path between a photocatalyst layer and a current collection layer without inhibiting absorption of light by a photocatalyst. This electrode for photohydrolysis is provided with a photocatalyst layer (10) a current collection layer (30) and a contact layer (20) including a semiconductor or good conductor provided between the photocatalyst layer (10) and the current collection layer (30) the contact layer (20) being provided so as to conform to the shape of the current collection layer (30) side of the photocatalyst layer (10).

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7859/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FIXED TILE STRUCTURE FLAG INDICATING PARALLEL PROCESSING POSSIBILITY FOR A SEQUENCE OF COMPRESSED VIDEO

(51) International classification :H04N7/26
(31) Priority Document No :61/624480
(32) Priority Date :16/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/050407
Filing Date :15/04/2013
(87) International Publication No :WO 2013/158019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
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(72)**Name of Inventor :**
1)SJ–BERG Rickard
2)ENHORN Jack
3)SAMUELSSON Jonatan

(57) Abstract :
One embodiment of the present invention relates to method where a syntax element is used to indicate if the tile information is the same for a sequence. The sequence is typically a bitstream for which one sequence parameter set (SPS) is valid. The syntax element can be part of the SPS or signaled such as in VUI or in an SEI message. Furthermore the syntax element can be a flag for example denoted tiles_fixed_structure_flag. The encoder decides how the pictures are divided by a tile structure enabling parallel encoding/decoding. When the same tile structure is used throughout a sequence information that the same tile structure is used throughout a sequence of the video stream is sent to the decoder according to this embodiment.

No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7860/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WIDE ANGLE THREE DIMENSIONAL SOLAR CELLS

(51) International classification :H01L31/042,H01L31/0236
(31) Priority Document No :61/601796
(32) Priority Date :22/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026914
Filing Date :20/02/2013
(87) International Publication No :WO 2013/126434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DAGLI Mehmet Nadir
2)SON Changwan

(57) Abstract :
A three dimensional solar cell composed of a semiconductor body that has a substantially flat bottom surface and shaped trenches formed in an arrayed manner along its top side. Thus multiple pillars are thereby formed in the semiconductor body extending toward the top side of the semiconductor body. A light collecting material fills the shaped trenches along the top side of the semiconductor body and forms a substantially flat light receiving top surface parallel to the bottom surface of the semiconductor body. Each of at least some of the trenches are structured such that there exists at least one point on the substantially flat light receiving surface that if a light ray is incident on that point the light ray if remaining within the corresponding trench as opposed to entering the semiconductor body will be redirected upwards at least after a fourth reflection on neighboring pillars.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7861/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE WITH SUPERCHARGER

(51) International classification :F02P5/152,F02D41/22,F02D45/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/057188
Filing Date :21/03/2012
(87) International Publication No :WO 2013/140548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DEMURA Takayuki
2)YUDA Syuuji
3)OOI Yasuhiro

(57) Abstract :
The invention pertains to a control device of an internal combustion engine with a supercharger and the purpose of this invention is to suppress excessive increases in ignition required voltage and improve fuel consumption when the fuel supply is cut in order to suppress continuous abnormal combustion in a supercharging area. For each cylinder the control device of an internal combustion engine with a supercharger comprises a fuel supply means for supplying fuel into the cylinder and an ignition plug. A basic ignition timing at which a spark is generated by the ignition plug is set according to the operating state of the internal combustion engine. An abnormal combustion cylinder in which abnormal combustion occurs in the supercharging area is detected in each cycle. A fuel cut for stopping the fuel supply from the fuel supply means is performed for the abnormal combustion cylinder. For the abnormal combustion cylinder during several cycles after the fuel cut is initiated the ignition timing is varied so as to increase the crank angle width between compression top dead center and the basic ignition timing. After the several cycles have elapsed an ignition cut is performed for preventing the spark from being generated by the ignition plug.

No. of Pages : 34 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7464/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MODULATING PRISM AND CURVATURE CHANGE OF REFRACTIVE INTERFACES

(51) International classification :G02B3/14,A61F2/16
(31) Priority Document No :61/604608
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000155
Filing Date :20/02/2013
(87) International Publication No :WO 2013/126986
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEBB Garth T.

(57) Abstract :
An adaptive lens system comprises i) a lens compartment with a transparent cover; ii) a deformable transparent optical element mounted in the lens compartment which forms a sealed upper chamber in the lens compartment between the transparent cover and the upper surface of the optical element and also defining a lower region external to the lower surface of the optical element; iii) a first transparent fluid medium in the upper chamber and a second transparent fluid medium in the lower region the first and second fluid media having different refractive indices; iv) a structural element located in and movable in the upper chamber relative to the deformable optical element to mechanically engage the deformable optical element to thereby alter the curvature of the deformable optical element thereby altering the refractive power or the prismatic effect of the adaptive lens system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2014

(21) Application No.7869/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PROVIDING LOW VOLTAGE DC POWER FROM AC MAINS POWER

(51) International classification :H02P1/54,H02P5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/027612
Filing Date :02/03/2012
(87) International Publication No :WO 2013/130110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PAIK Namwook

(57) Abstract :
According to one aspect embodiments of the invention provide a power supply system comprising an input line configured to receive input AC power a first capacitor coupled to the input line a second capacitor a controller a rectifier having an input coupled to the first capacitor and an output coupled to the second capacitor the second capacitor further coupled to the controller and a switch selectively coupled across the first capacitor and configured to selectively bypass the first capacitor wherein the controller is configured to detect a voltage across the second capacitor operate the switch to charge the second capacitor at a first rate if the voltage is above a predetermined threshold and operate the switch to charge the second capacitor at a second rate if the voltage is below a predetermined threshold.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2014

(21) Application No.7870/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE FOR TRAINING USERS OF AN ULTRASOUND IMAGING DEVICE

(51) International classification :G01S15/00,G06T15/08,G06T19/20
(31) Priority Document No :61/618791
(32) Priority Date :01/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/052581
Filing Date :31/03/2013
(87) International Publication No :WO 2013/150436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TEPPER Ronnie

(57) Abstract :
Disclosed are methods and devices for simulating ultrasound procedures and for training ultrasound users. Additionally disclosed are methods and devices for simulating needle insertion procedures such as amniocentesis procedures and for training physicians to perform such needle insertion procedures.

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2014

(21) Application No.7871/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DETERMINING THE OCCUPANCY OF A RAIL VEHICLE

(51) International classification	:B61L27/00,B61L15/00,H04W64/00
(31) Priority Document No	:10 2012 206 815.5
(32) Priority Date	:25/04/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2013/058297 :22/04/2013
(87) International Publication No	:WO 2013/160251
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEIGEL Henning

(57) Abstract :
The invention relates to a method for determining the occupancy of a rail vehicle. In order to be able to carry out such a method particularly easily with sufficient accuracy switched on states of mobile phones which are present on the rail vehicle are determined by means of a detecting device and the occupancy of the rail vehicle is determined by an evaluation unit from the detected switched on states. The invention also relates to an arrangement for determining the occupancy of a rail vehicle.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2014

(21) Application No.7872/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MULTIMODAL POLYMER

(51) International classification :C08L23/08,C08F2/00,C08F210/16
(31) Priority Document No :12161866.4
(32) Priority Date :28/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056788
Filing Date :28/03/2013
(87) International Publication No :WO 2013/144324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAHTERI Markku
2)TYNYS Antti
3)ERIKSSON Erik
4)PALML–F Magnus

(57) Abstract :
A multimodal ethylene copolymer with a density of at least 940 kg/m 3 having an MFR21 in the range of 1 to 30 g/lOmin and a Fm ax/λ i ratio of less than 60 cN/s; said ethylene copolymer comprising at least three components (I) an ethylene and optionally at least one C3-20 alpha olefin comonomer component forming 30 to 60 wt% of said ethylene copolymer; (II) an ethylene and optionally at least one C3-20 alpha olefin comonomer second component forming 30 to 60 wt% of said ethylene copolymer: and (III) an ethylene and optionally at least one C3-20 alpha olefin comonomer third component forming 3 to 20 wt% of said ethylene copolymer; wherein at least one of components (II) or (III) is a copolymer.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7852/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SURGE DRUM MIXING SYSTEM

(51) International classification :B01J38/02,G05D11/00,C07C4/06
(31) Priority Document No :13/403304
(32) Priority Date :23/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025754
Filing Date :12/02/2013
(87) International Publication No :WO 2013/126243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MASON Gary L.

(57) Abstract :
Systems and methods for storing and handling slurries are provided. The surge drum system for storing a slurry can include a storage vessel having a first end a second end and at least one wall surrounding an internal volume between the first and second ends. The system can also include a slurry inlet and a slurry outlet both in fluid communication with the internal volume. A recirculation inlet can be in fluid communication with the internal volume at the first end of the storage vessel The system can also include a pump having a suction line in fluid communication with the outlet. A discharge line of the pump can be in fluid communication with an outlet valve and a recirculation valve that can be in fluid communication with the recirculation inlet.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7853/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE TREATMENT OF HEMOGLOBINOPATHIES

(51) International classification :A61K38/00,A61K48/00
(31) Priority Document No :61/603231
(32) Priority Date :24/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027459
Filing Date :22/02/2013
(87) International Publication No :WO 2013/126794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GROUDINE Mark T.
3)STODDARD Barry L.
4)TAKEUCHI Ryo

(57) Abstract :
Provided are compositions and methods for the treatment of hemoglobinopathies such as thalassemias and sickle cell disease. Compositions and methods include one or more endonuclease(s) or endonuclease fusion protein(s) including one or more homing endonuclease(s) and/or homing endonuclease fusion protein(s) and/or CRISPR endonuclease(s) and/or CRISPR endonuclease fusion protein(s): (a) to disrupt a Bell la coding region; (b) to disrupt a Bell la gene regulatory region; (c) to modify an adult human -globin locus; (d) to disrupt a HbF silencing DNA regulatory element or pathway such as a Bell la regulated HbF silencing region; (e) to mutate one or more γ-globin gene promoter(s) to achieve increased expression of a γ-globin gene; (f) to mutate one or more δ-globin gene promoter(s) to achieve increased expression of a δ-globin gene; and/or (g) to correct one or more -globin gene mutation(s).

No. of Pages : 151 No. of Claims : 96

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7854/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HIGH TEMPERATURE ULTRASONIC SENSOR AND MANUFACTURING METHOD THEREFOR

(51) International classification	:G01F1/66,G01N29/22,H04R17/00
(31) Priority Document No	:1020130031672
(32) Priority Date	:25/03/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2014/002488 :25/03/2014
(87) International Publication No	:WO 2014/157907
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)NAM Ki Han
2)JOO Hyeon Kyu
3)TONOSAKI Minehiro
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5)KAWAGUCHI Hideo
6)SAITO Noriaki

(57) Abstract :
Provided is an ultrasonic sensor which includes a piezoelectric vibrator made of a lithium niobate (LN) single crystal and may be used in a high temperature region by generating a high ultrasonic wave output, and prevents cracks from being generated in the crystal. A piezoelectric vibrator 1 of the present invention has a surface (Y-axis 36° cut surface) obtained by rotating a surface orthogonal to a Y-axis of the LN crystal about an X-axis by 36° ± 2° as an output surface. The ultrasonic sensor further includes a retarder 3 made of titanium and a bonding layer 2 for bonding one surface of the retarder 3 to the output surface. The bonding layer 2 is made of silver and frit glass, and the frit glass has a coefficient of linear expansion ranging from 5 — 10-6 K-1 to 15 — 10-6 K-1.

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7855/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ULTRASONIC FLOW RATE MEASUREMENT SYSTEM

(51) International classification :G01F1/66,G01F15/18
(31) Priority Document No :2013092106
(32) Priority Date :25/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/KR2014/003206
Filing Date :14/04/2014
(87) International Publication No :WO 2014/175588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARK Hee June
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4)AKIYAMA Toru
5)TAKAHASHI Kunihiro
6)SAITO Noriaki
7)TAKEMURA Kazuo

(57) Abstract :
The present invention relates to flow rate measurement and more particularly to a flow rate measurement system in which a plurality of measuring lines intersect each other in three dimensions within a pipe conduit. An ultrasonic flow rate measurement system of the present invention allows a plurality of measuring lines to intersect each other in three dimensions within a pipe conduit thereby determining a flow center of a fluid and calculating a flow rate flowing in the pipe conduit on the basis of the flow center. Thus the present invention has an effect of more accurately measuring a flow rate compared to an existing scheme.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7558/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LOW VISCOSITY SYNTHETIC CEMENT

(51) International classification :C09K8/44
(31) Priority Document No :13/434262
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029852
Filing Date :08/03/2013
(87) International Publication No :WO 2013/148116
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MURPHY Erin

(57) Abstract :
The present invention relates to a synthetic cement that comprises a low viscosity mono functional monomer, a dicyclopentadienyl moiety having a pendant free radical reactive species, 1,3-butyleneglycol dimethacrylate, unsaturated styrenic block copolymer, and a peroxide curing agent. Additionally it may include weighting agents depending on the circumstances of the well, as is well known to those skilled in the art. Other additional components such as oil based mud, suspending agents, Portland cement, acrylates and methacrylates, retardant curing additives, and clays may optionally be incorporated into the synthetic cement. The syn thetic cement is activated by heat, for example, and can be crafted to set within a certain time frame, for example in 4 hours, so that it pumpable for as long as need be, and then be set to seal the well in the manner desired.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7877/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING POLYCARBONATE RESIN AND POLYCARBONATE RESIN COMPOSITION

(51) International classification :C08G64/30,C08L69/00
(31) Priority Document No :2012-083133
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059663
Filing Date :29/03/2013
(87) International Publication No :WO 2013/147220
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YAMAMOTO Masanori
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5)HYOUDOU Narutoshi
6)TSURUHARA Kenji

(57) Abstract :
Provided are: production of a polycarbonate resin which has excellent characteristics such as transparency heat resistance mechanical strength and impact resistance while having a good color tone; and a polycarbonate resin composition which contains the polycarbonate resin. A method for producing a polycarbonate resin wherein a carbonic acid diester and a dihydroxy compound are subjected to a polycondensation reaction in the presence of a transesterification catalyst. This method for producing a polycarbonate resin is characterized in that the transesterification catalyst contains a phosphorus compound represented by general formula (1) and/or (2) and at least one basic compound that is selected from the group consisting of compounds of the group 1 elements of the long form periodic table (excluding hydrogen) compounds of the group 2 elements of the long form periodic table basic boron compounds basic phosphorus compounds and nitrogen containing basic compounds.

No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7878/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYMERASE CHAIN REACTION DETECTION SYSTEM USING OLIGONUCLEOTIDES COMPRISING A PHOSPHOROTHIOATE GROUP

(51) International classification :C12Q1/68
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/GB2012/050645
Filing Date :22/03/2012
(87) International Publication No :WO 2013/140107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JAIN Nisha

(57) Abstract :
The present invention relates to methods and kits for nucleic acid detection in an assay system. In one aspect the invention relates to a method for reducing non specific amplification and primer dimer formation in a primer extension reaction in the presence of a polymerase lacking 3-5 nuclease activity. In another aspect the invention relates to a method for the detection of a primer extension product produced in the presence of a polymerase lacking 3-5 exonuclease activity comprising providing a first and second single labelled oligonucleotide of differing Tm able to hybridise to one another to form a fluorescent quenched pair. In the methods of the invention one or more of the primers or oligonucleotides contains at least one phosphorothioate group.

No. of Pages : 38 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7879/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVED SUTURE

(51) International classification :A61B17/06
(31) Priority Document No :61/602183
(32) Priority Date :23/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/069480
Filing Date :13/12/2012
(87) International Publication No :WO 2013/126130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DUMANIAN Gregory
2)GURJALA Anandev

(57) Abstract :
A medical device (10) includes a surgical needle (12) attached to a hollow tubular suture (14). The suture is constructed of macroporous hollow tubular wall (16) that facilitates and allows tissue integration into the suture core (18) subsequent to introduction to the body thereby preventing suture pull through and improving biocompatibility.

No. of Pages : 66 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7500/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INFORMATION PROCESSING DEVICE INFORMATION PROCESSING SYSTEM AND PROGRAM

(51) International classification :G09B19/00,A63B24/00,A63B71/06
(31) Priority Document No :2012058421
(32) Priority Date :15/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001310
Filing Date :04/03/2013
(87) International Publication No :WO 2013/136712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MATSUNAGA Hideyuki
2)YAMASHITA Kosei

(57) Abstract :
There is provided an information processing device including a control unit to generate play event information based on a determination whether detected behavior of a user is a predetermined play event.

No. of Pages : 48 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7501/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BELT RETRACTOR FOR A VEHICLE SAFETY BELT

(51) International classification :B60R22/34
(31) Priority Document No :10 2012 004 603.0
(32) Priority Date :07/03/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/IB2013/000334
Filing Date :07/03/2013
(87) International Publication No :WO 2013/132307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SPECHT Martin
2)ARANDA Guillem
3)FERRAO Antonio

(57) Abstract :
A belt retractor comprising a safety belt reel (1) rotatably mounted on a frame (7) and a load limiter (2) which acts on a rotational movement of the belt reel (1) and has a switchable energy consumption said load limiter having a granulate (3) which is enclosed in a closed load limiter chamber (8) and consists of dry granular solid and at least one rotating member (4) which can be rotated relative to the granulate (3) the energy consumption resulting from shear forces acts between the grains of granulate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7888/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NANOSTRUCTURES FOR TREATING CANCERS AND OTHER CONDITIONS

(51) International classification	:A61K38/16,A61K38/17,A61K45/06
(31) Priority Document No	:61/601706
(32) Priority Date	:22/02/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/027431 :22/02/2013
(87) International Publication No	:WO 2013/126776
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)DAMIANO Marina G.
3)ZHANG Heng
4)MCMAHON Kaylin M.
5)YANG Shuo
6)GORDON Leo I.
7)SINGH Amareshwar T.k.

(57) Abstract :
Nanostructures compositions and methods for treating cancers and other conditions are provided. In some cases the nanostructures and/or compositions may be used to treat cancers or other diseases or conditions at least in part by controlling cholesterol metabolism in cells. The nanostructures and compositions may be used for example to control cholesterol influx and/or efflux in cells. In some cases the nanostructures or compositions may be used to kill the cells. Examples of cancer cells that may be affected by the nanostructures and compositions described herein include those having scavenger receptor type B-I (SR-B1) B-cell lymphoma cells non-Hodgkins lymphoma cells melanoma cells and/or others. In some embodiments the nanostructures may be mimics of natural high density lipoprotein (HDL).

No. of Pages : 94 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7890/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SURGICAL INSTRUMENT WITH NERVE DETECTION FEATURE

(51) International classification :A61B17/32,A61B5/00,A61N1/36
(31) Priority Document No :13/442020
(32) Priority Date :09/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/035060
Filing Date :03/04/2013
(87) International Publication No :WO 2013/154876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DIETZ Timothy G.
3)KORVICK Donna L.
4)MADAN Ashvani K.
5)DANNAHER William D.

(57) Abstract :
A surgical apparatus comprises an instrument body an end effector and a control module. The end effector is in communication with the handle assembly. The end effector is operable for use in a surgical procedure. The control module is in communication with the end effector. The end effector with the control module is able to deliver surgical energy as well as nerve excitation energy to a surgical site. A surgeon may detect stimulation of nervous tissue by visually observing the tissue twitch and may adjust surgical technique accordingly. A sensor may be used to detect excitation of nervous tissue based on excitation caused by the nerve excitation energy.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7892/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TANKMIX ADDITIVE CONCENTRATES CONTAINING TRIGLYCERIDE FATTY ACID ESTERS AND METHODS OF USE

(51) International classification :A01N65/00
(31) Priority Document No :61/614663
(32) Priority Date :23/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031450
Filing Date :14/03/2013
(87) International Publication No :WO 2013/142262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHAO Hui
2)TANK Holger

(57) Abstract :
Tankmix additive concentrates containing a phosphate ester and/or polymeric surfactant and a triglyceride fatty acid ester and the use of aqueous herbicide spray mixtures incorporating such tankmix additive concentrates are described. The tankmix additive concentrates described herein include from 1 to 50 weight percent of a phosphate ester surfactant a polymeric surfactant or mixtures thereof and from 1 to 90 weight percent of a triglyceride fatty acid ester. The tankmix additive concentrates form a stable emulsion upon dilution into a pesticide spray mixture.

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7864/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROTECTIVE CASE FOR AT LEAST TWO CREDIT CARDS OR THE LIKE

(51) International classification :A45C11/18
(31) Priority Document No :1251701
(32) Priority Date :24/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050363
Filing Date :22/02/2013
(87) International Publication No :WO 2013/124592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BROLY Fabien

(57) Abstract :
The invention relates to a protective case for at least two credit cards (2) or the like having the shape of a flat envelope comprising two parallel walls between which one or a plurality of spaces are formed intended for accommodating the cards (2) to be protected. The case comprises at least two parts (3, 4) each comprising one of the two parallel walls and one of the at least two parts (3, 4) is slidably mounted on the other and each of the at least two parts (3, 4) is shaped to accommodate and hold a card (2) and to this end comprises a housing (32) into which a card (2) can slide said housing (32) comprising a reversible means for holding the card (2) in order to secure same and having an opening by which the card (2) can be extracted by sliding after sliding the part (3, 4) containing the card (2).

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7865/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : STERILIZED LIQUID PROTEIN SUPPLEMENT INCLUDING A SOLUBILITY ENHANCING NUTRITIONAL PROTEIN

(51) International classification :A23L1/305
(31) Priority Document No :61/651078
(32) Priority Date :24/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/042418
Filing Date :23/05/2013
(87) International Publication No :WO 2013/177391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LUEBBERS Steven
3)TUCKER Kandice

(57) Abstract :
Disclosed are substantially stable sterilized liquid protein supplements including a highly soluble protein source for use with human milk and other infant or adult feeding formulas. The sterilized liquid protein supplements have a more neutral pH thereby inhibiting protein denaturation and reducing microbial growth. In one aspect the sterilized liquid protein supplement comprises at least 250 mg of protein per 1 ml_, the protein has a degree of hydrolysis of 25% to 45% a molecular weight median of less than 800 Daltons and a dipeptide and tripeptide concentration of no more than 40% by weight total protein wherein the sterilized liquid protein supplement has a pH of 3 to 8.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2014

(21) Application No.7866/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CELL BASED QUALITY CONTROL BIOASSAYS FOR NUTRICEUTICAL AND MEDICINAL PRODUCTS

(51) International classification :G01N33/50
(31) Priority Document No :61/674180
(32) Priority Date :20/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051433
Filing Date :22/07/2013
(87) International Publication No :WO 2014/015328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHOREV Michael
3)AKTAS Huseyin

(57) Abstract :
A method for determining the translation initiation inhibitory potency of a composition having an unknown level of translation initiation inhibitory activity which comprises contacting an e1-F2a-WT cell with said composition for a time and at a temperature effective to inhibit proliferation of said cell measuring the level of inhibition of proliferation of said e1-F2a-WT cells induced by said sample and comparing the level of inhibition of proliferation induced by said sample with the level of inhibition of proliferation induced by a standard having a known amount of said activity the amount of said translation initiation inhibitory activity in said sample being proportional to the level of inhibition of proliferation of said e1-F2a-WT cell.

No. of Pages : 44 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2014

(21) Application No.7867/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRIS(HYDROXYMETHYL)AMINOMETHANE SALTS OF A SMALL MOLECULE GLP1R AGONIST AND PHARMACEUTICAL COMPOSITIONS AND USES THEREOF

(51) International classification :A01N25/08
(31) Priority Document No :61/614265
(32) Priority Date :22/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033091
Filing Date :20/03/2013
(87) International Publication No :WO 2013/142569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ALMARIEGO Danilo
2)POLISETTI Dharma Rao
3)BENJAMIN Eric
4)EL ABDELLAOUI Hassan
5)SAHOO Soumya P.

(57) Abstract :
The disclosure provides tris(hydroxymethyl)aminomethane salts of a small molecule GLP1 R agonist. The disclosure further provides solid compositions comprising tris(hydroxymethyl)aminomethane salts of the small molecule GLP1R agonist. The disclosure further provides uses of tris(hydroxymethyl)aminomethane salts of a small molecule GLP1R agonist e.g. for treating type 1 diabetes type 2 diabetes or obesity. Solid formulations further comprising an evaporation residue and a binder such as hydroxy propyl methyl cellulose acetate succinate (HPMCAS) are also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7379/DELNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :B01J37/18,B01J37/24,B01J21/04
(31) Priority Document No :13/414544
(32) Priority Date :07/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028597
Filing Date :01/03/2013
(87) International Publication No :WO 2013/134065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BERGMEISTER Joseph
3)KELLY Stephen L

(57) Abstract :
A composition comprising an extruded inorganic support comprising an oxide of a metal or metalloid and at least one catalytically active metal wherein the extruded inorganic support has pores a total pore volume and a pore size distribution wherein the pore size distribution displays at least two peaks of pore diameters each peak having a maximum wherein a first peak has a first maximum of pore diameters of equal to or greater than about 120 nm and a second peak has a second maximum of pore diameters of less than about 120 nm and wherein greater than or equal to about 5% of a total pore volume of the extruded inorganic support is contained within the first peak of pore diameters.

No. of Pages : 37 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7900/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AQUEOUS HERBICIDE CONCENTRATES CONTAINING FATTY ACID ALKYL ESTERS FATTY ACID AMIDES OR TRIGLYCERIDE FATTY ACID ESTERS AND METHODS OF USE

(51) International classification :A01N65/00
(31) Priority Document No :61/614663
(32) Priority Date :23/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031477
Filing Date :14/03/2013
(87) International Publication No :WO 2013/142263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TANK Holger
4)LI Mei
5)QIN Kuide
6)LIU Lei
7)WILSON Stephen L.

(57) Abstract :
Aqueous herbicide concentrates containing a herbicide (such as an auxinic herbicide) a surfactant and a fatty acid alkyl ester a fatty acid amide and/or a triglyceride fatty acid ester and the use of aqueous herbicide spray mixtures incorporating such concentrates are described. The aqueous herbicide concentrates described herein include from 5 to 90 weight percent of a water soluble salt of a herbicide from 0.1 to 20 weight percent of a surfactant and from 0.1 to 20 weight percent of a fatty acid alkyl ester fatty acid amide and/or a triglyceride fatty acid ester. The aqueous herbicide concentrate is a transparent homogeneous liquid that forms a stable emulsion upon dilution into a spray solution.

No. of Pages : 55 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7902/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FLEXIBLE TUBE WITH APPLICATOR CAP

(51) International classification :A45D34/04,A45D34/00
(31) Priority Document No :1252352
(32) Priority Date :15/03/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/054796
Filing Date :08/03/2013
(87) International Publication No :WO 2013/135593
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BONNIN Thomas

(57) Abstract :
The invention relates to a container (1) with an applicator cap (2) for a cosmetic product comprising: a flexible tube (3) comprising a skirt (31) and a tube head (32) comprising a shoulder part (321) and a neck (322) with an opening (3221) the tube head (32) being connected to the skirt (31) by the shoulder part (321) the flexible tube (3) acting as a reservoir to contain some cosmetic product; an applicator cap (2) comprising a base (21) and an applicator the base (21) being designed to fix onto the tube head (32) and plug the opening (3221) and the applicator being fixed to the base (21) so as to be housed inside the flexible tube (3) when the base (21) is fixed to the tube head (32) and plugs the opening (3221); characterized in that the skirt (2) is made of a multilayered plastics material (4) comprising at least one barrier layer (41).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7903/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CAPACITIVE NFC BASED FILL LEVEL SENSOR FOR INSULIN PENS

(51) International classification :G01F23/26,A61M5/31,H04B5/00
(31) Priority Document No :A 358/2012
(32) Priority Date :22/03/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050060
Filing Date :08/03/2013
(87) International Publication No :WO 2013/138830
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SCHMID Gernot

(57) Abstract :
The invention relates to a device for determining the capacity between two electrodes (4, 5) comprising a measuring circuit (6) connected downstream of said electrodes (4, 5) for determining the capacity between the two electrodes (4, 5) a communications unit (7) connected downstream of the measuring circuit (6) and a first antenna (8) connected to the communications unit (7) having a coil like structure and at least one winding wherein said communications unit (7) is designed to transmit the measured values sent thereto to an external data communications unit (40). According to the invention the device comprises a second antenna (9) having a coil like structure and at least one winding connected to the measuring circuit (6) wherein the connections of said second antenna (9) are connected directly or indirectly to the electrodes (4, 5) so that an alternating voltage is applied to the electrodes (4, 5) in the event that the antenna (9) is excited with an electromagnetic alternating field. In addition according to the invention the measuring circuit (6) is designed for the direct or indirect measurement of the alternating voltage applied at the electrodes (4, 5) or of the alternating current flowing through the electrodes (4, 5) and the output of the measuring circuit is supplied directly or indirectly to the communications unit (7).

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7851/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONDUIT SUPPORT STRUCTURE FOR AN INDUSTRIAL MACHINE

(51) International classification :E02F3/52
(31) Priority Document No :61/763099
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015786
Filing Date :11/02/2014
(87) International Publication No :WO 2014/124436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PEDRETTI Ethan
3)AKANDA Anab
4)GASKA Jason
5)JONES Christopher
6)LOEW Matthew
7)DRETZKA Andrew P.
8)KNUTH Jason

(57) Abstract :
An industrial machine includes a frame having a base and a boom an arm movably coupled to the boom an attachment a conduit a first member and a second member. The boom has a first end coupled to the base and a second end opposite the first end. The arm includes a first end and a second end. The attachment is coupled to the first end of the arm. The conduit extends from the frame to the arm. The first member is pivotably coupled to the frame and supports a first portion of the conduit as the arm moves relative to the boom. The second member is pivotably coupled between the first member and the arm and supports a second portion of the conduit as the arm moves relative to the boom.

No. of Pages : 39 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7905/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NOVEL CERAMIC TO METAL SEAL AND METHOD FOR PRODUCING SAME

(51) International classification :C04B37/02
(31) Priority Document No :1252181
(32) Priority Date :12/03/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050204
Filing Date :31/01/2013
(87) International Publication No :WO 2013/135982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEBAIN Gilles
2)RICHET Nicolas

(57) Abstract :
The invention relates to a seal assembly which includes: (a) a ceramic tube (1); (b) a first ring (2) made of a refractory alloy including: a cylindrical opening (21) for receiving the ceramic tube; a first shoulder (22) which is located at the lower end of the ring which is directed towards the interior of the cylindrical opening and which enables said ceramic tube to be supported; a second shoulder (23) forming at the upper end of the ring an annular space between the ceramic tube and the first ring made of a refractory alloy; (c) a second ring (3) which is made of a material that can be deformably sealed by heat treatment and which is located in the annular space formed by the second shoulder of the ring made of a refractory material; and (d) a third ring (4) made of a metal alloy which is positioned on the upper edge of the first ring (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7906/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RUBBER COMPOSITION MEHOD FOR PRODUCING RUBBER METAL COMPOSITE RUBBER METAL COMPOSITE TIRE INDUSTRIAL BELT AND RUBBER CRAWLER

(51) International classification :C08L21/00,B60C1/00,C08K5/098
(31) Priority Document No :2012-067858
(32) Priority Date :23/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001969
Filing Date :22/03/2013
(87) International Publication No :WO 2013/140820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMAGISHI Junichi

(57) Abstract :
A rubber metal composite in which a metal material is embedded in a rubber composition has been conventionally used for rubber articles that require strength with the aim of reinforcing the rubber and improving the strength and durability thereof. The present invention relates to a rubber composition which has excellent initial adhesiveness and heat resistant adhesiveness with a metal material and which is to be used mainly for the rubber metal composite and more particularly to a rubber composition which comprises 0.0025 to 0.05 parts by mass of a cobalt compound with respect to 100 parts by mass of the rubber component in terms of cobalt.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7907/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AUTOMOBILE INCLUDING A TWO PART REAR FLOOR

(51) International classification :B62D25/20
(31) Priority Document No :1251607
(32) Priority Date :22/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/052472
Filing Date :07/02/2013
(87) International Publication No :WO 2013/124165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LEFEBVRE Benjamin
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(57) Abstract :
The invention relates to an automobile including a rear floor (2) and a front floor connected to the rear floor (2) said rear floor (2) comprising a front portion (3) and a rear portion (4) connected to the front portion (3) via a connection means (6) the front (3) and rear (4) portions comprising reinforcement means (4b, 5) extending transversely relative to the longitudinal axis (X) of the automobile. The rear floor (3) includes stiffening means (7, 8) located between the reinforcement means (4b, 5) at the connection of the front and rear portions (3, 4).

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7909/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CHILD NODE DEVICE FOR POWER MANAGEMENT SYSTEM AND POWER MANAGEMENT SYSTEM

(51) International classification :H04B3/54,H04M11/00,H04Q9/00
(31) Priority Document No :2012-045769
(32) Priority Date :01/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001138
Filing Date :26/02/2013
(87) International Publication No :WO 2013/128904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FURUYA Tomohide
4)KOYAMA Masaki
5)SASAKI Takayuki
6)YAMAMOTO Shinji

(57) Abstract :
The child node device for a power management system according to the present invention is for a power management system which collects meter data including power amount from a power meter which measures the amount of power fed from a power supply to a predetermined location through a distribution line. The child node device is provided with a first interface unit for communicating with an upper level device a second interface unit for communicating with an electrical device installed at the predetermined location and a third interface unit for communicating with a communication terminal. The second interface unit and the third interface unit are configured so as to use mutually different schemes of carrying out radio frequency wireless communication.

No. of Pages : 65 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7494/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HUMIDIFYING APPARATUS

(51) International classification :F24F13/26,F24F6/12
(31) Priority Document No :1203909.5
(32) Priority Date :06/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050329
Filing Date :13/02/2013
(87) International Publication No :WO 2013/132222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BEAVIS Daniel
3)PULLEN Jude

(57) Abstract :
Humidifying apparatus includes a housing defining a water reservoir and a water tank mounted on the housing for supplying water to the reservoir. An air flow is conveyed over water stored in the reservoir and emitted from the apparatus. The water stored in the reservoir is irradiated by ultraviolet radiation and atomized by a transducer to humidify the air flow passing over the reservoir. A flow of water entering the reservoir is guided adjacent to and preferably along the ultraviolet radiation generator.

No. of Pages : 53 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7495/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A HAND HELD APPLIANCE

(51) International classification :A45D20/10,A45D20/12,F24H3/04
(31) Priority Document No :1205695.8
(32) Priority Date :30/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050700
Filing Date :19/03/2013
(87) International Publication No :WO 2013/144575
(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 :
Disclosed is a hand held appliance comprising a body a fluid flow path extending through the body from a first fluid inlet through which a first fluid flow enters the appliance to a first fluid outlet for emitting the first fluid flow from the appliance a primary fluid flow path extending from a second fluid inlet through which a primary fluid flow enters the appliance to a second fluid outlet a fan unit located in the primary fluid flow path for drawing fluid through the second fluid inlet and a filter located in the primary fluid flow path and wherein fluid is drawn through the fluid flow path by fluid emitted from the second fluid outlet. The filter maybe located upstream of the fan unit which may comprise a motor. A heater may be provided and the filter is located upstream of the heater. The filter may be located at or adjacent the second fluid inlet which may be located in the body. The second fluid inlet may extend at least partially about the first fluid inlet. The second fluid inlet and the filter may be annular in shape. The body may comprise an inner wall and an outer wall extending about the inner wall the inner wall defining a bore through which the fluid flow path extends and wherein the inner wall defines an outer perimeter of the first fluid inlet and an inner perimeter of the second fluid inlet. Also disclosed is a hairdryer.

No. of Pages : 71 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7496/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A SOLAR CONCENTRATOR FOR A SOLAR ENERGY COLLECTOR AND A METHOD OF ADJUSTING THE SOLAR CONCENTRATOR

(51) International classification :F24J2/16,F24J2/54,F24J2/46
(31) Priority Document No :12305292.0
(32) Priority Date :13/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2013/051995
Filing Date :13/03/2013
(87) International Publication No :WO 2013/136281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAY Forest

(57) Abstract :
This solar concentrator (6) comprises at least one row (12) of reflectors (14) comprising mirrors (34), said row (12) extending along a longitudinal direction (L), the reflector (14) of said row (12) being pivotally supported with respect to the ground about a pivot axis (A-A), said row comprising at least a first reflector (14) and a second reflector (14) and a connecting arrangement (42, 44) which connects adjacent longitudinal ends (26) of the first and second reflector assemblies (14), the connecting arrangement (42, 44) allowing a relative movement between the first and second reflector assemblies (14).

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7497/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FITTING ARANGEMENT FOR FITTING A DRIVE PACKAGE FOR A VEHICLE

(51) International classification :B62D65/02,F16B1/00,F16B5/02
(31) Priority Document No :12503298
(32) Priority Date :02/04/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/050320
Filing Date :22/03/2013
(87) International Publication No:WO 2013/151485
(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 :
A fitting arrangement for use when fitting a drive package (1) for a vehicle which fitting arrangement comprises a supporting element (2) adapted to being mounted on the drive package (1) and thereafter to being docked to the vehicle s frame (4) which supporting element (2) comprises an end element (6) with a height d intended to cooperate with the vehicle s frame (4) in order to support the drive package (1) which end element is intended to abut upon a cooperating bearing element (8) which is dampingly suspended relative to the frame (4). The arrangement further comprises at least one screw (10) adapted by cooperation with said end element (6) to fixing the supporting element (2) to the vehicle s frame (4) via said bearing element (8) and at least one washer (12) adapted to cooperating with the screw (10) in order to fix the supporting element (2) to the frame via said washer (12). It further comprises at least one spacing element (14) which has the height h where h>d and which in cooperation with said screw (10) is adapted to keeping said washer (12) in a horizontal position above said bearing element (8) to make it possible to fit the supporting element (2) the fitting arrangement then being in a docking state. The end element (6) is provided with at least one recess (16) which is intended to cooperate with the screw (10) in such a way that the supporting element (2) can be moved into position by a substantially horizontal docking movement whereby the recess (16) accommodates the screw (10) and said docking movement is completed when the screw (10) is in a fitted state (18) in the recess (16).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7880/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR COOLING POWER ELECTRONICS USING HEAT SINKS

(51) International classification :F25B49/02,F25B30/02
(31) Priority Document No :13/435653
(32) Priority Date :30/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/034252
Filing Date :28/03/2013
(87) International Publication No :WO 2013/148939
(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 :
A heat pump includes a main refrigerant circuit having a compressor an indoor heat exchanger and an outdoor heat exchanger and a reversing valve. A biflow expansion valve is configured to receive condensed liquid refrigerant and to expand the refrigerant. A cooling circuit in fluid communication with the main refrigerant line includes an expansion device configured to receive a portion of condensed liquid refrigerant from the main refrigerant circuit and to expand the portion of condensed liquid refrigerant. A heat sink is configured to receive the expanded portion of refrigerant from the expansion device. Power electronics are coupled to the heat sink such that the portion of expanded refrigerant from the expansion device passes through the heat sink and cools the power electronics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7881/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INJECTION MOLDABLE CONE RADIATOR SUB REFLECTOR ASSEMBLY

(51) International classification	:H01Q15/14,H01Q13/00,G01S13/00
(31) Priority Document No	:13/448995
(32) Priority Date	:17/04/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/036689 :16/04/2013
(87) International Publication No	:WO 2013/158584
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)CURRAN John

(57) Abstract :
A dielectric cone radiator sub reflector assembly for a reflector antenna with a waveguide supported sub reflector is provided as a unitary dielectric block with a sub reflector at a distal end. A waveguide transition portion of the dielectric block is dimensioned for insertion coupling into an end of the waveguide. A sub reflector support portion of the dielectric block and the waveguide transition portion provided with a plurality of longitudinal ribs and grooves coaxial with a longitudinal axis of the assembly; the longitudinal grooves open to a proximal end of the dielectric block. The unitary dielectric block may be manufactured as a single contiguous monolithic portion of dielectric material via injection molding.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7882/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEEP DRAWN PAPER TRAY A METHOD AND AN APPARATUS FOR MAKING IT AND A TRAY FORMED PRODUCT PACKAGE

(51) International classification :B65D1/26,B29C51/08,B32B38/12
(31) Priority Document No :20125304
(32) Priority Date :19/03/2012
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2013/050296
Filing Date :15/03/2013
(87) International Publication No :WO 2013/140034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)P–YH–NEN Niilo
3)HILTUNEN Mari
4)KYLLI„INEN Outi

(57) Abstract :
The invention concerns a deep-drawn paper tray (4), particularly a shallow tray made of paperboard or cardboard, a method and an apparatus for manufacturing such a tray by deep-drawing techniques, and a closed product package comprising the tray of the invention, particularly a heat-sealed gas- and liquid-tight food package. The tray comprises a bottom (4a) and upwardly expanding side walls around the bottom, the side walls of the tray being shaped to expand through a plurality of circumferential steps (4b, 4c, 4d) dimensioned low enough for obtaining wrinkle-free side walls for the tray. The outermost step is a flat, wrinkle-free rim flange (4d), which enables liquid and gas proof heat-sealing of a lid to form the package. The apparatus according to the invention may comprise upper and lower moulding tools (10, 11) with concentric movable frames (10b, 10c, l0d) for forming the tray bottom and side wall steps to paper blanks, and moulding tools (10) may be mounted onto a rotating turret (9) carrying a paper blank through working stations arranged along the turret circumference, to shape the tray bottom and the side wall steps at the consecutive stations.

No. of Pages : 25 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7884/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONTENT ACTIVATION VIA INTERACTION BASED AUTHENTICATION SYSTEMS AND METHOD

(51) International classification :G06F21/30,G06F9/44,G06F3/00
(31) Priority Document No :61/603049
(32) Priority Date :24/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025366
Filing Date :08/02/2013
(87) International Publication No:WO 2013/126221
(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 :
Systems methods and use cases of multi modal authentications and content distribution are presented. A content consumer can capture a multi modal digital representation of multiple objects where a juxtaposition of features derived from the digital representation can be used to recognize that at least some of the objects are a valid authentication object. Upon authentication an authentication agent determines a content access level for content associated with the corresponding to the juxtaposition. The content can then be presented on an electronic device possibly within a secure virtual machine according to the content access level.

No. of Pages : 52 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7910/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GLOW PLUG AND METHOD FOR MANUFACTURING SAME

(51) International classification :F23Q7/00
(31) Priority Document No :2012-075292
(32) Priority Date :29/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001380
Filing Date :06/03/2013
(87) International Publication No :WO 2013/145568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ISHII Shuei

(57) Abstract :
In order to prevent a decrease in the retention force of a retaining part with respect to a heater member and to improve fuel consumption reduce manufacturing costs improve the rapid heating property and conserve power this glow plug (1) is equipped with: a tubular housing (2) having a shaft hole (4) extending in the direction of the axis line (CL1) and having on the outer circumferential surface a threaded part (5) for screwing into an attachment hole of an internal combustion engine; and a heater member (3) that is inserted into the shaft hole (4) in a state wherein at least the tip part of the heater member protrudes from the tip end of the housing (2). The housing (2) has a pressure contact part (7) that presses against a bearing surface of the internal combustion engine when the threaded part (5) is screwed into the attachment hole of the internal combustion engine and a tubular tip side body part (9) that is provided between the pressure contact part (7) and the threaded part (5). The tip side body part (9) is equipped with a retaining part (20) the inner circumference of which directly or indirectly retains the heater member (3) and the retaining part (20) has the smallest outer diameter in the tip side body part (9).

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7911/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DIGITAL LIGHT MASKING SYSTEMS AND METHODS FOR AUTOMATED IMAGE INSPECTION

(51) International classification :G01N21/88
(31) Priority Document No :61/614153
(32) Priority Date :22/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032749
Filing Date :18/03/2013
(87) International Publication No :WO 2013/142397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BERTIN Jeremy Georges
2)SINGH Rajesh Kumar

(57) Abstract :
The systems and methods described herein relate to digital light masking systems and methods for automated image inspection. First a digital light masking system comprising a video signal; a source light which outputs emitted light; a digital light mask which attenuates the emitted light; and a vision system. The systems may inspect a disposable absorbent article. Second a method for automated image inspection comprising the steps of: generating a video signal; providing a uniform source light which outputs emitted light; providing a digital light mask which attenuates the emitted light; directing the attenuated light towards an article; and inspecting the article with a vision system. The uniform source light may be an LED light the digital light mask may be an LCD panel the attenuated light may be directed towards a disposable absorbent article and/or the vision system may comprise a camera.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7912/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN IMPROVED METHOD AND APPARATUS FOR PROCESSING MULTISTREAM CONTENT

(51) International classification :H04N5/445
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/056774
Filing Date :13/04/2012
(87) International Publication No :WO 2013/152800
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)HUBER Michael

(57) Abstract :
There is provided a data stream comprising a plurality of program streams and at least one multistream descriptor. The multistream descriptor defines a multistream group identifier; and the identity of the program streams that are members of the multistream group.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7913/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VESICULAR FORMULATIONS

(51) International classification :A61K31/685,A61K31/7032,A61P17/00
(31) Priority Document No :1205642.0
(32) Priority Date :29/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/056694
Filing Date :28/03/2013
(87) International Publication No :WO 2013/144289
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Palazzo Pietro Stiges 103 Strait Street Valletta 1436 Malta
(72)**Name of Inventor :**
1)MAYO John
2)HENRY William

(57) Abstract :
The present invention relates to vesicular formulations for the treatment of rosacea. It also relates to a method of treating rosacea comprising administering a vesicular formulation according to the invention.

No. of Pages : 73 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7915/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FLAME RETARDANT POLYMER COMPOSITIONS

(51) International classification :C08K3/32,C08K3/10,C08L101/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/072605
Filing Date :20/03/2012
(87) International Publication No :WO 2013/138992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :25 rue de Clichy 75009 Paris 09 France
(72)**Name of Inventor :**
1)ZHENG Hao
2)LI Junli
3)GAO Yajuan
4)YANG Yong
5)XING Qiang

(57) Abstract :
The instant invention relates to polymer compositions comprising a calcium hypophosphite an aluminium inorganic salt and an additive improving the flame retardant properties of the composition other than the hypophosphite salts.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7894/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING ETHANOL

(51) International classification :C12P7/10,C12N1/19,C12N15/09
(31) Priority Document No :2012-069285
(32) Priority Date :26/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/058106
Filing Date :21/03/2013
(87) International Publication No :WO 2013/146540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BIO ENERGY CORPORATION
(72)**Name of Inventor :**
1)NODA Hideo
2)HAMA Shinji
3)KURATANI Nobuyuki
4)KONDO Akihiko

(57) Abstract :
Provided is a method for producing ethanol from a lignocellulose biomass at low cost using yeast. The method for producing ethanol from a lignocellulose biomass according to the present invention comprises (1) a step of pretreating the lignocellulose biomass (2) a step of treating a cellulose fraction obtained in step (1) with a cellulose hydrolase (3) a step of mixing a glycosylated biomass obtained in step (2) with yeast to perform ethanol fermentation and (4) a step of separating a fermentation product obtained in step (3) into a solid material and a liquid material wherein a cycle comprising the above mentioned steps (1), (2), (3) and (4) is repeated at least two times and yeast obtained in step (4) is used as the whole or a portion of the yeast to be used in step (3) in the next cycle.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7895/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TASTE MASKED DISPERSIBLE TABLETS

(51) International classification :A61K9/00,A61K47/32,A61K31/675
(31) Priority Document No :496/DEL/2012
(32) Priority Date :21/02/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/051432
Filing Date :21/02/2013
(87) International Publication No :WO 2013/124818
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ARORA Vinod Kumar
2)KHURANA Jatin
3)GAIKWAD Deepak

(57) Abstract :
The present invention relates to a taste-masked dispersible tablet comprising a drug, a cation exchange resin, and other pharmaceutically acceptable excipients, such that the said drug and the said cation exchange resin are present in an un-complexed form in the tablet. It fiirther relates to a process for the preparation of the same.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7896/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPOSITION COMPRISING A RETINOID AND BENZOYL PEROXIDE

(51) International classification :A61Q19/00,A61K9/00,A61K47/32
(31) Priority Document No :497/DEL/2012
(32) Priority Date :21/02/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/051434
Filing Date :21/02/2013
(87) International Publication No :WO 2013/124820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KATHIRIYA Jayanti
2)SEBASTIAN Binu
3)GARG Mukesh
4)SINGLA Ajay Kumar

(57) Abstract :
The present invention relates to a stable topical aqueous composition of adapalene in combination with benzoyl peroxide comprising one or more gelling agents, wherein at least one of the gelling agents is a carbomer. It also relates to processes for preparing such composition.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014
(21) Application No.7897/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : STABILIZED CONTROLLED RELEASE PHARMACEUTICAL COMPOSITION COMPRISING GLICLAZIDE

(51) International classification :A61K9/20
(31) Priority Document No :538/Del/2012
(32) Priority Date :24/02/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/051467
Filing Date :23/02/2013
(87) International Publication No :WO 2013/124832
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AGARWAL Ravindra
2)DOBHAL Ajay Kumar
3)KOCHHAR Ravi

(57) Abstract :
The present invention provides a stabilized controUed-release pharmaceutical composition comprising gliclazide and sodium citrate as stabilizing agent; and process for the preparation of said pharmaceutical composition.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7833/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SOLDER PREFORMS AND SOLDER ALLOY ASSEMBLY METHODS

(51) International classification :B23K35/26
(31) Priority Document No :61/613233
(32) Priority Date :20/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032137
Filing Date :15/03/2013
(87) International Publication No :WO 2013/142335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KOEP Paul J.
2)TORMEY Ellen S.
3)SIDONE Girard

(57) Abstract :
A method of assembling components such as electronic components onto a substrate such as an electronic substrate includes applying solder paste to an electronic substrate to form a solder paste deposit placing a low temperature preform in the solder paste deposit processing the electronic substrate at a reflow temperature of the solder paste to create a low temperature solder joint and processing the low temperature solder joint at a reflow temperature that is lower than the reflow temperature of the solder paste. Other methods of assembling components and solder joint compositions are further disclosed.

No. of Pages : 11 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7834/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND SYSTEM FOR EMBEDDING AND DETECTING A PATTERN

(51) International classification :G10L19/00,H04N1/32,G06T1/00
(31) Priority Document No :2008511
(32) Priority Date :21/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050201
Filing Date :18/03/2013
(87) International Publication No :WO 2013/141702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CIVOLUTION B.V.
Address of Applicant :High Tech Campus 9 NL 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)BREEBAART Dirk Jeroen

(57) Abstract :
A method of embedding a pattern (110) as a watermark into a content segment (151). Prior to modifying the content segment an impulse response of a filter to be used for detecting the pattern is determined; the time reversed impulse response of the filter is inserted into the segment as the set of imperceptible features (121); wherein the filter is an infinite impulse response filter characterized by a semi white frequency spectrum and provides a pseudo random time domain response. Detection is characterized in that a filter is applied to the content segment the filter being an infinite impulse response filter characterized by a semi white frequency spectrum and providing a pseudo random time response the output of the filter is processed to obtain the pattern from which the payload can potentially be reconstructed.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7835/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HYBRID ENERGY STORAGE SYSTEMS UTILIZING REDOX ACTIVE ORGANIC COMPOUNDS

(51) International classification :H01M10/36,H01M4/36
(31) Priority Document No :13/439083
(32) Priority Date :04/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/069077
Filing Date :12/12/2012
(87) International Publication No :WO 2013/151588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG Wei
2)XU Wu
3)LI Liyu
4)YANG Zhenguo

(57) Abstract :
Redox flow batteries (RFB) have attracted considerable interest due to their ability to store large amounts of power and energy. Non aqueous energy storage systems that utilize at least some aspects of RFB systems are attractive because they can offer an expansion of the operating potential window which can improve on the system energy and power densities. One example of such systems has a separator separating first and second electrodes. The first electrode includes a first current collector and volume containing a first active material. The second electrode includes a second current collector and volume containing a second active material. During operation the first source provides a flow of first active material to the first volume. The first active material includes a redox active organic compound dissolved in a non aqueous liquid electrolyte and the second active material includes a redox active metal.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7836/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DISPLAY CONTROL DEVICE DISPLAY CONTROL METHOD AND PROGRAM

(51) International classification :G06F3/01,A63F13/10,G06F3/03
(31) Priority Document No :2012-071332
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001398
Filing Date :06/03/2013
(87) International Publication No:WO 2013/145572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KASAHARA Shunichi
2)SHIGETA Osamu
3)SUZUKI Seiji
4)FUKAZAWA Ryo
5)MORI Maki

(57) Abstract :
In an illustrative embodiment a display control device is provided. The display control device includes a display control section to control display of a virtual object according to a positional relationship between an imaging device and a display device.

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7846/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RNA DIRECTED DNA CLEAVAGE BY THE CAS9 CRRNA COMPLEX

(51) International classification :C12N15/10,C12N15/113
(31) Priority Document No :61/613373
(32) Priority Date :20/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033106
Filing Date :20/03/2013
(87) International Publication No :WO 2013/142578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SIKSNYS Virginijus
2)GASIUNAS Giedrius
3)KARVELIS Tautvydas
4)LUBYS Arvydas
5)ZALIAUSKIENE Lolita
6)GLEMZAITE Monika
7)SMITH Anja

(57) Abstract :
Isolation or in vitro assembly of the Cas9-crRNA complex of the Streptococcus thermophilus CRISPR3/Cas system and use for cleavage of DNA bearing a nucleotide sequence complementary to the crRNA and a proto-spacer adjacent motif. Methods for site-specific modification of a target DNA molecule in vitro or in vivo using an RNA-guided DNA endonuclease comprising RNA sequences and at least one of an RuvC active site motif and an HNH active site motif; for conversion of Cas9 polypeptide into a nickase cleaving one strand of double-stranded DNA by inactivating one of the active sites (RuvC or HNH) in the polypeptide by at least one point mutation; for assembly of active polypeptide-polyribonucleotides complex in vivo or in vitro; and for re-program ming a Cas9-crRNA complex specificity in vitro and using a cassette containing a single repeat-spacer-repeat unit.

No. of Pages : 117 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7847/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TUNABLE LAYERED GRAPHENE MEMBRANE CONFIGURATION FOR FILTRATION AND SELECTIVE ISOLATION AND RECOVERY DEVICES

(51) International classification :B01D61/02,B01D61/12,B01D63/08
(31) Priority Document No :61/617264
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033403
Filing Date :22/03/2013
(87) International Publication No :WO 2013/151799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :6801 Rockledge Drive Bethesda Maryland 20817 U.S.A.
(72)**Name of Inventor :**
1)FLEMING Shawn P.

(57) Abstract :
A tunable membrane configuration (10) for a filtration or selective fluidic isolation and recovery device includes a housing (12) having an inlet at one end and an outlet at an opposite end with an opening extending from the inlet to the outlet. An internal support structure is maintained in the opening and layered filtration media comprising graphene membranes (42/43) is carried by the internal support structure the media separating feedwater received at the inlet into at least three separate output flows (26 28 30). Concentration polarisation (84) and pore size (55) can be controlled via an electrical charge control (78).

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7848/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PLANAR FILTRATION AND SELECTIVE ISOLATION AND RECOVERY DEVICE

(51) International classification :B01D63/08,B01D65/08,B01D71/02
(31) Priority Document No :61/617261
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033400
Filing Date :22/03/2013
(87) International Publication No :WO 2013/148479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)FLEMING Shawn P.

(57) Abstract :
A filtration and selective fluidic recovery device comprises a housing having an inlet and an outlet. The housing has an opening extending from the inlet to the outlet and an internal support structure maintained in the opening. Planar graphene membranes (122,130) with different selectivities are carried by the internal support structure (106) where the media separates feedwater received at the inlet into two different permeates (114,116) and a concentrate (112) that separately exit at the outlet. Optonal switchable voltage supply for fouling prevention.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014
(21) Application No.7546/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PRINTING METHOD FOR REDUCING PRINTER ARTIFACTS

(51) International classification :B41M3/00,B41M5/00
(31) Priority Document No :13/422045
(32) Priority Date :16/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031135
Filing Date :14/03/2013
(87) International Publication No :WO 2013/138543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PAOLETTI Richard S.
3)BAUER JR. Richard William

(57) Abstract :
A printing method comprising a printhead and rollers for printing. A page of a print job is printed which causes depressions in the non printed side of the print medium. The print medium is heated to reduce the depressions before printing the non printed side.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7562/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ENTRY SHEET FOR DRILLING USE

(51) International classification :B26F1/16,C10M105/18,C10M107/34
(31) Priority Document No :2012-053570
(32) Priority Date :09/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001370
Filing Date :05/03/2013
(87) International Publication No :WO 2013/132837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MATSUYAMA Yousuke
2)HASAKI Takuya

(57) Abstract :
The present invention relates to an entry sheet for drilling use which can exhibit excellent hole location accuracy even when transported at ambient temperature for a long time and/or when stored under a thermal environment having a higher temperature than in Japan. More specifically the present invention relates to an entry sheet for drilling a laminated board or a multi layered board which is characterized by comprising a metallic support foil and a layer of a water soluble resin composition (also referred to as a water soluble resin composition layer) formed on at least one surface of the metallic support foil and comprising a water soluble resin a water soluble lubricant and a linear unsaturated fatty acid salt wherein the water soluble resin composition layer is formed by cooling from a cooling start temperature of 120 to 160°C to a cooling end temperature of 25 to 40°C over 60 seconds or shorter at a cooling rate of 1.5°C/sec or more the degree of crystallinity of the water soluble resin composition is 1.2 or more the standard deviation (s) of the surface hardness of the water soluble resin composition layer is 2 or less and the surface hardness of the water soluble resin composition layer is 8.5 to 25 N/mm2 inclusive.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7586/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD TO CREATE VACUUM INSULATED CABINETS FOR REFRIGERATORS

(51) International classification :B29C51/10,B29C70/30
(31) Priority Document No :61/622821
(32) Priority Date :11/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/036203
Filing Date :11/04/2013
(87) International Publication No :WO 2013/155323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CUR Nihat
3)PANNOCK Jurgen

(57) Abstract :
A method of forming a vacuum insulated refrigerator cabinet the method comprising providing first and second sheets of material. The first sheet of material is thermoformed over a first forming tool forming a first intermediate structure. The first intermediate structure is then thermoformed over a second forming mold to create a second intermediate structure. The second sheet of material is then sealing connected with the second intermediate structure forming an annular space. A vacuum is created in the annular space creating a vacuum insulated cabinet.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7588/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GLYCOSAMINOGLYCAN AND SYNTHETIC POLYMER MATERIALS FOR BLOOD CONTACTING APPLICATIONS

(51) International classification :A61K47/30,A61F2/00
(31) Priority Document No :61/609818
(32) Priority Date :12/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/030230
Filing Date :11/03/2013
(87) International Publication No :WO 2013/138240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)FORLEO Marcio H.
5)POPAT Ketul C.
6)LEWIS Nicole R.
7)PRAWEL David Alois

(57) Abstract :
Provided herein is a composite comprising: a polymer host selected from the group consisting of low density polyethylene (LDPE) linear low density polyethylene (LLDPE) polyethylene terephthalate (PET) polytetrafluoroethylene (PTFE) and polypropylene (PP) polyurethane polycaprolactone (PCL) polydimethylsiloxane (PDMS) polymethylmethacrylate (PMMA) and polyoxymethylene (POM); and a guest molecule comprising hyaluronic acid; wherein the guest molecule is disposed within the polymer host and wherein the guest molecule is covalently bonded to at least one other guest molecule. Also provided herein are methods for forming the composite and blood contracting devices made from the composite such as heart valves and vascular grafts.

No. of Pages : 111 No. of Claims : 95

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.7589/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FLOW CYTOMETER WITH DIGITAL HOLOGRAPHIC MICROSCOPE

(51) International classification :G01N15/14
(31) Priority Document No :12155139.4
(32) Priority Date :13/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/052852
Filing Date :13/02/2013
(87) International Publication No :WO 2013/120886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOORIS Serge
2)MATHUIS Philip

(57) Abstract :
The current invention concerns a flow cytometric system and method for observing analyzing and/or separating objects in a liquid sample comprising a digital holographic microscope (DHM) and at least one fluidic system whereby the DHM comprises illumination means an interferometric system and digital recording means whereby the fluidic system is capable of guiding said objects through an illumination beam of the illumination means of said DHM whereby the fluidic system comprises a mechanism for inducing a liquid sample stream through the fluidic system whereby preferably the fluidic system comprises a stream size controlling device for controlling the transverse dimensions of a liquid sample stream inside said fluidic system preferably said stream size controlling device is capable of lining up the objects one by one or multiple objects at a time in said liquid sample stream.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7898/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : STABLE DOSAGE FORMS OF IMATINIB MESYLATE

(51) International classification :A61K47/32,A61K31/506
(31) Priority Document No :499/DEL/2012
(32) Priority Date :21/02/2012
(33) Name of priority country :India
(86) International Application No :PCT/IB2013/051261
Filing Date :15/02/2013
(87) International Publication No :WO 2013/124774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)RAMESH Annavarapu
3)VASIREDDY Suneel Kumar
4)SANDAL Roshan Lal

(57) Abstract :
The present invention relates to a stable oral pharmaceutical dosage form comprising imatinib mesylate and one or more pharmaceutically acceptable excipients wherein the amount of imatinib calculated as free base is more than 80% by weight based on the total weight of the oral pharmaceutical dosage form, and wherein the oral dosage form does not show polymorphic conversion after storage at 40°C and 75% relative humidity for three months. It also relates to processes for the preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7885/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : THIADIAZOLIDINEDIONES AS GSK 3 INHIBITORS

(51) International classification :C07D285/08,C07D417/06,A61K31/433
(31) Priority Document No :12382066.4
(32) Priority Date :24/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/053554
Filing Date :22/02/2013
(87) International Publication No :WO 2013/124413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)HERRERO SANTOS Susana
8)P‰REZ DE LA CRUZ MORENO Mara • ngeles
9)MART • NEZ MONTERO Olga
10)RODR • GUEZ SALGUERO Beatriz
11)PALOMO NICOLAU Francisco

(57) Abstract :
The present invention relates to new thiadiazolidmediones of formula (I) or any pharmaceutically acceptable salt solvate or prodrug thereof and its use in the treatment of a disease in which glycogen synthase kinase 3 (GSK-3) is involved particularly neurodegenerative diseases inflammatory and autoimmune diseases and cardiovascular disorders. Additionally there is provided a process for preparing such compounds as well as pharmaceutical compositions comprising them.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7886/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DEVICE SUITABLE FOR THE TREATMENT OF A FLUID AS WELL AS A METHOD AND MACHINE SUITABLE FOR THE MANUFACTURE OF SUCH A DEVICE

(51) International classification :B01D63/06,B01D63/10
(31) Priority Document No :2008565
(32) Priority Date :29/03/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2013/056043
Filing Date :22/03/2013
(87) International Publication No :WO 2013/144004
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAHAIJE Jochem Franciscus Edith

(57) Abstract :
A device which is suitable for the processing of at least one fluid is provided with at least one elongated foil which is formed in a number of reciprocating foil layers. Between two opposite layers of foil a spacer is situated that is permeable at least parallel to the foil layers. The foil layers and interposed spacers extend spirally around a central axis wherein folding lines between two foil layers extend substantially parallel to the central axis. Each spacer is coupled to at least an end near the central axis with a support extending parallel to the central axis where of the supports near the central axis first supports are situated between two foil layers which foil layers are connected to one another near the central axis whereas second supports are situated between two successive first supports.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7887/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND ASSEMBLY FOR GROWING PLANTS

(51) International classification :A01G9/02,A01G9/12
(31) Priority Document No :2012900667
(32) Priority Date :22/02/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000159
Filing Date :21/02/2013
(87) International Publication No :WO 2013/123557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TRANS WORLD FOODS PTY LIMITED
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(72)**Name of Inventor :**
1)PARKER Stanley

(57) Abstract :
An assembly (1) for growing plants including a frame (2) having a pair of laterally spaced apart frame members (3) each frame member (3) having a main housing (5) to be located above a surface (7). A longitudinally extending main shaft (8) extends between main housings (5). The main shaft (8) defining a longitudinal axis xx about which the main shaft can rotate. An end plate (10) is positionable adjacent each main housing and securable to the main shaft to rotate about the axis. Each end plate has at least two arms (11) a distal end of each arm having an arm housing (13) to support an arm shaft (14) extending laterally between corresponding arms of corresponding end plates. A cradle (15) to grow plants is securable to the arm shaft and movable about the main shaft.

No. of Pages : 78 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7856/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : 4-(3-BENZYLOXYPHENYLTHIO)-2-CHLORO-l-(3-NITROPROPYL)BENZENE CRYSTAL

(51) International classification :C07C323/20,C07C319/28
(31) Priority Document No :2012-094758
(32) Priority Date :18/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/002585
Filing Date :17/04/2013
(87) International Publication No :WO 2013/157255
(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 :
4-(3-benzyloxyphenylthio)-2-chloro- 1-(3-nitropropyl)benzene (compound 1) is an intermediate for producing, for example, a 2-amino-2-[2-[4-(3 -benzyloxyphenylthio)-2-chlorophenyl]ethyl]-l,3-propanediol hydrochloride wmch has excellent immunosuppressive activity. This compound 1 is traditionally obtained only as an oil and thus handling and refining were difficult. [Solution] A crystal of the compound 1 is obtained. A method of crystallizing the same is also established. Furthermore, a simple refining method is also found which comprises stirring in suspension the crystal m a solvent. Since the compound 1 can be obtained as a crystal, it is easier to handle and long term storage is possible.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7857/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ANTI BACKLASH COUPLER

(51) International classification :F16D1/10,F16D1/112,G01D5/04
(31) Priority Document No :13/408761
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026574
Filing Date :18/02/2013
(87) International Publication No :WO 2013/130294
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KAVLICO CORPORATION

(57) Abstract :
Disclosed are devices systems assemblies couplers and other implementations including a coupler that includes a first coupling element (110) matingly engaged to a second coupling element (120) each of the first and second coupling elements including a plate ((112), (122)) defining an opening ((114), (124)) a projection ((116), (126) extending from a first surface of the plate and a socket ((118), (128)) extending from a second surface of the plate and configured to receive a rotatable member. The projection (116) of the first coupling element is received in the opening (124) of the plate of the second coupling element and the projection (126) of the second coupling element is received in the opening (114) of the plate of the first coupling clement. The matingly engaged coupling elements are configured to rotate in response to rotation of a first rotatable member of a first device received in the socket of the first coupling element.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7498/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF N-HYDROXY- 1-(1 -ALKYL- 1H-TETRAZOL-5-YL)- 1-PHENYLMETHANIMINE DERIVATIVES

(51) International classification :C07D257/04
(31) Priority Document No :12356002.1
(32) Priority Date :09/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/052309
Filing Date :06/02/2013
(87) International Publication No :WO 2013/117582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DUBOST Christophe
3)FORD Mark
4)REBSTOCK Anne Sophie

(57) Abstract :
The present invention relates to a process for the preparation of N-hydroxy-l-(l-alkyl-lH-tetrazol-5-yl)-l-phenylmefhanimine derivatives of the general formula (I)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7499/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POSITIVE REINFORCEMENT MESSAGES TO USERS BASED ON ANALYTICS OF PRIOR PHYSIOLOGICAL MEASUREMENTS

(51) International classification :A61B5/00
(31) Priority Document No :61/614931
(32) Priority Date :23/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031172
Filing Date :14/03/2013
(87) International Publication No :WO 2013/142225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PARLIKAR Virendra

(57) Abstract :
Described herein are systems and methods to utilize factual information based on stored analyte or physiological data to allow for positive reinforcement of behaviors that are conducive to managing a chronic disease.

No. of Pages : 47 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7459/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TIRE

(51) International classification :B60C5/01,B60C1/00
(31) Priority Document No :2012-044645
(32) Priority Date :29/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055583
Filing Date :28/02/2013
(87) International Publication No :WO 2013/129628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HARADA Takashi
3)GAO Tong
4)HONJO Atsuko

(57) Abstract :
This tire has a ring shaped tire skeleton body formed by a resin containing material and the resin material has a sea island structure that includes a sea phase constituted by a first resin material and an island phase which is softer than the sea phase constituted by a second resin material.

No. of Pages : 74 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7839/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INTRAUTERINE APPLICATION OF 18-METHYL-15SS,16SS-METHYLENE-19-NOR-20-SPIROX-4-EN-3-ONE SYSTEMS, INTRAUTERINE SYSTEMS CONTAINING 18-METHYL-15SS,16SS-METHYLENE-19-NOR-20-SPIROX-4-EN-3-ONE, AS WELL AS THE USE THEREOF IN CONTRACEPTION AND GYNAECOLOGICAL THERAPY

(51) International classification :A61K31/58,A61F6/14,A61P15/00
(31) Priority Document No :102012206652.7
(32) Priority Date :23/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/058220
Filing Date :19/04/2013
(87) International Publication No :WO 2013/160213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)KOROLAINEN Henriikka
7)JUKARAINEN Harri

(57) Abstract :
The present invention describes the intrauterine application of 18-methyl-15,16-methylene-19-nor-20-spirox-4-en- 3-one of the general formula (1) in contraception and gynaecological therapy, as well as an intrauterine System containing Compounds of formula (1).

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.7841/DELNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :G06F3/01,G01C21/20,G07C9/00
(31) Priority Document No :2012-071331
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001868
Filing Date :19/03/2013
(87) International Publication No :WO 2013/145639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MORI Maki

(57) Abstract :
According to an illustrative embodiment an information processing device is provided. The information processing device includes an image acquisition unit configured to receive an image; a recognition unit configured to acquire a recognition result of a user based on the received image wherein the recognition result includes a position of the user the user being associated with a display terminal; an image determination unit configured to determine an object based on the recognition result; and a display control unit configured to control display of the object on the display terminal.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7535/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SENSOR FOR DETECTING THE AMOUNT OF ANALYTE IN A SAMPLE

(51) International classification :A61B5/145,G01N33/66,G01N21/77
(31) Priority Document No :61/611239
(32) Priority Date :15/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/050407
Filing Date :20/02/2013
(87) International Publication No :WO 2013/136044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CULBERT Bruce
4)CRANE Barry Colin

(57) Abstract :
A sensor (1) or detecting and/or quantifying the amount of analyte in a sample the sensor including: a sensing region (3); and a barrier layer (BL) including a reactive oxygen species (ROS) quenching analyte permeable membrane having an ROS quenching agent adsorbed thereto; wherein the sensor is adapted so that the sample enters the sensing region of the sensor through said barrier layer.

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7483/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING DGLA, 15-OHEPA, AND/OR 15-HETRE AND METHODS OF REDUCING SEBUM PRODUCTION USING SAME

(51) International classification :A61K31/202,A61P17/00,A61P17/10
(31) Priority Document No :61/602374
(32) Priority Date :23/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/053677
Filing Date :25/02/2013
(87) International Publication No :WO 2013/124479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DOWNES Bill
3)CLIMAX John
4)MANKU Mehar

(57) Abstract :
The present disclosure provides compositions comprising fatty acids, or derivatives thereof (e.g., C1-C4 esters) including, for example, DGLA, 15-OHEPA and/or 15-HETrE, used singly or in combination with anti-bacterial agents for the inhibition of sebum production.

No. of Pages : 54 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7484/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PREPARATION OF ALPHA BETA UNSATURATED CARBOXYLIC ACIDS AND ESTERS THEREOF

(51) International classification	:C07C51/573,C07C57/04,C07C67/62
(31) Priority Document No	:61/608053
(32) Priority Date	:07/03/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/029368 :06/03/2013
(87) International Publication No	:WO 2013/134385
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)TANIELYAN Setrak
5)BHAGAT Ramesh Deoram
6)KASIREDDY Mohan Reddy
7)SINGH Ramnik
8)GNANADESIKAN Vijay
9)AUGUSTINE Robert L.
10)MORE Santosh

(57) Abstract :
An L-type zeolite, a modified L-type zeolite, or any combination thereof may be useful in catalytically preparing ,α,-unsaturated carboxylic acids and/or esters thereof through reaction pathways that include dehydroxylation reactions and optionally esteriication reactions. In some reaction pathways, dehydroxylation reactions and esteriication reactions may be performed sequen tially or concurrently.

No. of Pages : 64 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7485/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PNEUMATIC GATE VALVE WITH INTEGRATED PRESSURIZED GAS RESERVOIR

(51) International classification :F16K3/18,F16K31/122,F16K17/19
(31) Priority Document No :13/408522
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028237
Filing Date :28/02/2013
(87) International Publication No :WO 2013/130747
(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 :
A rapid closure gate valve (10) comprising pressurized gas reservoirs (37, 39) that are integrated with the valve body (12). Pressurized gas stored in the reservoirs (37, 39) is utilized to shift a gate member (20) from a valve open position to a valve closed position upon actuation of the valve. Actuation of the valve is achieved by an actuator assembly (14) coupled with the valve body. The actuator assembly is configured to initiate a flow of pressurized gas from the reservoirs into a chamber (48) which effects shifting of the gate member.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7487/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TURBINE ENGINE SUCH AS A TURBOJET OR A TURBOPROP ENGINE

(51) International classification :F01D9/02,F01D11/00
(31) Priority Document No :1253338
(32) Priority Date :11/04/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050768
Filing Date :09/04/2013
(87) International Publication No :WO 2013/153322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEGLAYE Fran§ois
2)DHERBIGNY Emeric

(57) Abstract :
The invention relates to a turbine engine such as an aircraft turbojet or turboprop engine comprising an annular combustion chamber defined by an inner shell (3) and an outer shell (4) a turbine distributor (2) arranged downstream from the combustion chamber (1) the downstream end of the outer shell (4) and/or the inner shell (3) of the chamber comprising a radial rim (7) arranged opposite a radial rim (14) of the upstream end of the distributor (2) sealing means comprising at least one strip (17) extending between said rims (7, 4) so as to provide sealing between the combustion chamber (1) and the distributor (2). The sealing strip (17) extends axially and circumferentially between said rims (7, 14) and bears sealingly against the free ends of said rims (7, 14).

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7488/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HIGH STRAIN POINT ALUMINOSILICATE GLASSES

(51) International classification :C03C3/093
(31) Priority Document No :61/604249
(32) Priority Date :28/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028139
Filing Date :28/02/2013
(87) International Publication No :WO 2013/130695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MARKHAM Shawn Rachelle
4)MAURO John Christopher

(57) Abstract :
Described herein are alkali free boroalumino silicate glasses exhibiting desirable physical and chemical properties for use as substrates in flat panel display devices such as active matrix liquid crystal displays (AMLCDs) and active matrix organic light emitting diode displays (AMOLEDs). In accordance with certain of its aspects the glasses possess good dimensional stability as a function of temperature.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7524/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL APPARATUS AND METHOD

(51) International classification :A61N5/06
(31) Priority Document No :1203005.2
(32) Priority Date :22/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050254
Filing Date :04/02/2013
(87) International Publication No :WO 2013/124615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOLLAND Martin Neil
3)SNELL Thomas
4)HILL Duncan
5)BARCLAY Luke Stuart

(57) Abstract :
A medical apparatus and method of operating a medical apparatus are disclosed. The apparatus includes a radiation source for emitting radiation towards an area to be treated of a patient; a mount element arranged to be worn by the patient for positioning the radiation source in a predetermined position relative to the area to be treated; a sensor element arranged to provide a signal indicative of whether the apparatus is being worn by the patient; and at least one controller arranged to receive the signal from the sensor and to determine whether the apparatus is being worn by the patient and to determine duration data indicative of the duration for which the radiation source emits radiation whilst the apparatus is being worn by the patient.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7525/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MODULAR TURBINE BLADE HAVING A PLATFORM

(51) International classification :F01D5/14,F01D9/04,F01D11/00
(31) Priority Document No :12162106.4
(32) Priority Date :29/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056652
Filing Date :28/03/2013
(87) International Publication No:WO 2013/144270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KURT Nihal
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(57) Abstract :
The invention relates to a turbine blade (10) comprising a blade (12) and a modular platform (13) which follow one another along a longitudinal axis (11) of the turbine blade (10). According to the invention in order to provide a modular turbine blade (10) that has an especially plain and simple design and that ensures an especially reliable long lasting durable connection of the individual components among each other the blade (12) has an extension (26) and the platform (17) comprises an outer platform part (15) and an at least two part inner platform part (13) which is radial in relation to the longitudinal axis (11) and which lie laterally against the extension (26) of the blade (12) and the outer platform part (15) is designed as an endless platform frame (18) that surrounds the outer edge of the inner platform part (13).

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7526/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR CHECKING A SEPARATION POINT OF A PHOTOVOLTAIC INVERTER AND PHOTOVOLTAIC INVERTER

(51) International classification :H01H47/00,H02J3/38
(31) Priority Document No :A 50232/2012
(32) Priority Date :13/06/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050118
Filing Date :11/06/2013
(87) International Publication No :WO 2013/185160
(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 invention relates to a method for checking a photovoltaic inverter Separation point (14) between the photovoltaic inverter (1) and a power supply network (7), comprising multiple phases (LI, L2, L3) and a neutral conductor (N), wherein multiple switching contacts of the Separation point (14) are controlled by the photovoltaic inverter (1), and the invention also relates to a photovoltaic inverter (1). The aim of the invention is to allow a simple and quick check of the functionality of the Separation point (14). This is achieved in that the switching contacts of the Separation point (14) are connected and checked in Steps according to a switching pattern. In each step, each voltage (30, 31, 32 and 33, 34, 35) is measured at at least one phase (LI, L2, L3) upstream and downstream of the Separation point (14) in relation to the neutral conductor (N), and the voltages are compared to one another.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7527/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RICE PLANTING MACHINE

(51) International classification :A01C11/02,B60K11/06
(31) Priority Document No :2012-070643
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057838
Filing Date :19/03/2013
(87) International Publication No :WO 2013/146476
(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 addresses the problem of providing a rice planting machine (1) in which cooling efficiency is improved and peripheral components such as cooling system components and power transmission system components are arranged in an efficient and compact manner around an engine (5). The rice planting machine (1) of the present invention is provided with an engine (5) that is mounted on a traveling machine body (2) a transmission case (6) that changes the speed of power from the engine (5) and transmits said power to the traveling sections (3 4) of the traveling machine body (2) and a seedling planting device (23) that is mounted on the traveling machine body (2). A suction fan (71) for engine cooling is provided on one side surface of the engine (5). An exhaust fan (91) that is separate from the suction fan (71) is provided on another side surface said other side surface being on the opposite side of the engine (5) from the side on which the suction fan (71) is provided.

No. of Pages : 56 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7502/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND DEVICE FOR EMPTYING A CONVEYOR UNIT FOR A LIQUID ADDITIVE

(51) International classification :F01N3/20
(31) Priority Document No :10 2012 103 453.2
(32) Priority Date :19/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/057896
Filing Date :16/04/2013
(87) International Publication No :WO 2013/156475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SCHEPERS Sven
4)HODGSON Jan

(57) Abstract :
Method and device for emptying a conveyor unit (1) for a liquid additive (particularly a urea water solution). The method comprises at least the following steps: a) producing an electrical connection (2) by means of a currentless switch (3) which is set up to produce an electrical connection (2) if a temperature fails to reach a limit temperature; and b) emptying the conveyor unit (1) when the electrical connection has been produced in step a). The invention is used particularly in SCR systems for the exhaust gas treatment for motor vehicles (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7503/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MULTILAYER FLAKE WITH HIGH LEVEL OF CODING

(51) International classification :B42D15/00,G06K19/08,C09D4/06
(31) Priority Document No :61/616133
(32) Priority Date :27/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/054815
Filing Date :11/03/2013
(87) International Publication No :WO 2013/143829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)JAUZEIN Tristan
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6)KERKAR Brahim
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8)RASCAGNERES Stphanie

(57) Abstract :
Coding flake or film including at least two chiral liquid crystal polymer (CLCP) layers with a first CLCP layer (1) that has a first detectable parameter and a second CLCP layer (3) including a second detectable parameter; at least one additional layer (2) including a third detectable parameter the at least one additional layer comprising a material that is not a chiral liquid crystal polymer; and wherein at least the third detectable parameter is different from each of the first detectable parameter and the second detectable parameter.

No. of Pages : 72 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014
(21) Application No.7505/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : YARN DRAW OFF UNIT OF A ROTOR SPINNING MACHINE AND METHOD FOR PRODUCING A YARN WITH THE AID OF A ROTOR SPINNING MACHINE

(51) International classification :D01H4/40
(31) Priority Document No :10 2012 101 000.5
(32) Priority Date :08/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/051989
Filing Date :01/02/2013
(87) International Publication No :WO 2013/117495
(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 invention relates to a yarn draw off unit of a rotor spinning machine having a draw off nozzle (21) which projects into a spinning chamber (22) of the rotor spinning machine and a draw off conduit (23) for a yarn (5) produced within the spinning chamber (22) the draw off conduit (23) being arranged downstream of the draw off nozzle (21) in the draw off direction of the yarn (5) that is drawn off from the spinning chamber (22). The draw off conduit (23) comprises a helical section (24) with the aid of which a false twist can be imparted to the yarn (5) within the draw off conduit (23). Furthermore a draw off nozzle for a rotor spinning machine is described the draw off conduit (23) of which comprises a helical section (24) with the aid of which a false twist can be imparted to the yarn (5) within the draw off nozzle (21). Finally the invention relates to a method for producing a yarn (5) with the aid of a rotor spinning machine. The method is characterised in that the yarn (5) is exposed to torque within a helical section (24) of the draw off conduit (23) said torque causing the yarn (5) to rotate about its longitudinal axis the direction of rotation of the rotation corresponding to the direction of rotation that is imparted to the yarn (5) by the spinning rotor (3).

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7506/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ULTRAVIOLET IRRADIATION DEVICE

(51) International classification :C02F1/32
(31) Priority Document No :2012-049741
(32) Priority Date :06/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/051775
Filing Date :28/01/2013
(87) International Publication No :WO 2013/132918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SHIROTA Akihiko
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6)SOMA Takahiro

(57) Abstract :
An ultraviolet irradiation device according to an embodiment comprises a reaction tank having an introduction port for introducing water to be treated and a discharge port for discharging the water to be treated a first ultraviolet lamp and an ultraviolet monitor provided with an ultraviolet sensor for sensing ultraviolet light applied from the first ultraviolet lamp. The first ultraviolet lamp is housed in a first protective tube and both ends of the first protective tube are secured in the reaction tank. The ultraviolet monitor is housed in a second protective tube the second protective tube is disposed parallel to the first protective tube and both ends of the second protective tube are secured in the reaction tank.

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7490/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HYDROGEN GENERATION SYSTEMS AND METHODS UTILIZING SODIUM SILICIDE AND SODIUM SILICA GEL MATERIALS

(51) International classification :B01J7/02
(31) Priority Document No :61/595841
(32) Priority Date :07/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025079
Filing Date :07/02/2013
(87) International Publication No :WO 2013/119766
(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 :
Systems devices and methods combine thermally stable reactant materials and aqueous solutions to generate hydrogen and a non toxic liquid by product. The reactant materials can sodium silicide or sodium silica gel. The hydrogen generation devices are used in fuels cells and other industrial applications. One system combines cooling pumping water storage and other devices to sense and control reactions between reactant materials and aqueous solutions to generate hydrogen. Springs and other pressurization mechanisms pressurize and deliver an aqueous solution to the reaction. A check valve and other pressure regulation mechanisms regulate the pressure of the aqueous solution delivered to the reactant fuel material in the reactor based upon characteristics of the pressurization mechanisms and can regulate the pressure of the delivered aqueous solution as a steady decay associated with the pressurization force. The pressure regulation mechanism can also prevent hydrogen gas from deflecting the pressure regulation mechanism.

No. of Pages : 81 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7491/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ORGANIC COLLOID STABILIZED EMULSION FOR CONTROLLING PESTICIDE SPRAY DRIFT

(51) International classification :G01N33/00
(31) Priority Document No :61/608141
(32) Priority Date :08/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028219
Filing Date :28/02/2013
(87) International Publication No :WO 2013/134035
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TANK Holger
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5)QIN Kuide
6)LIU Lei
7)WILSON Stephen L.

(57) Abstract :
Spray drift during the application of an aqueous mixture of an auxinic herbicide is reduced by incorporating into a spray mixture an organic colloid stabilized oil in water emulsion.

No. of Pages : 19 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7492/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTRICAL ENERGY STORAGE STRUCTURES

(51) International classification :H01M10/28,H01M2/16,H01M4/62
(31) Priority Document No :1203997.0
(32) Priority Date :07/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050471
Filing Date :26/02/2013
(87) International Publication No :WO 2013/132228
(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 :
According to the invention there is provided a structural metallic rechargeable battery and a method of producing same. The battery uses one of an acid alkaline or Li-ion chemistry and the battery has an anode structure a cathode structure each of which comprise a conductive foam which contains the active electrochemical reagents and a structural separator which separates the conductive foams of anode from the cathode respectively. The anode structure and the cathode structure are each formed from a metal sheet or foil.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7493/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HEMODYNAMIC ASSIST DEVICE

(51) International classification :A61M1/00,A61N1/362
(31) Priority Document No :61/595953
(32) Priority Date :07/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025056
Filing Date :07/02/2013
(87) International Publication No :WO 2013/119752
(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 :
A hemodynamic flow assist device includes a miniature pump a basket like cage enclosing and supporting the pump and a motor to drive the pump. The device is implanted and retrieved in a minimally invasive manner via percutaneous access to a patient s artery. The device has a first collapsed configuration to assist in implantation and a second expanded configuration once deployed and active. The device is deployed within a patient s aorta and is secured in place via a self expanding cage which engages the inner wall of the aorta. The device includes a helical screw pump with self expanding blades. Also included is a retrieval device to remove the hemodynamic flow assist device once it is no longer needed by the patient. The hemodynamic flow assist device helps to increase blood flow in patients suffering from congestive heart failure and awaiting heart transplant.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7874/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYMERIZABLE ALKYLIDENE-1,-3 DIOXOLAN-2-ONES AND USE THEREOF

(51) International classification :C07D317/38,C08F24/00
(31) Priority Document No :12162115.5
(32) Priority Date :29/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056716
Filing Date :28/03/2013
(87) International Publication No :WO 2013/144299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)KLOPSCH Rainer
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(57) Abstract :
The invention relates to polymerizable alkylidene-l,3-dioxolan-2-ones, to the production thereof, and to the use thereof to produce polymers. The invention further relates to the homopolymers and compolymers that can be obtained by the homopolymerization or copolymerization of alkylidene-l,3-dioxolan-2-one monomers of formula (I) and to the use thereof as a component in two-component binder compositions. In formula (I), the residues or groups R1, R2, R3, R4, R5, R6, R7, R8, A, X, Z, and Y have one or more or all of the following meanings, independently of each other: R1 and R2 stand independently of each other for hydrogen, C1-C6 alkyl, Ci-Czi-alkoxy-Ci-Czi-alkyl, C5-C6 cycloalkyl, phenyl, or phenyl-Ci -Czi-alkyl; R3 Stands for hydrogen, Ci-C 6 alkyl, C i-Czi-alkoxy-Ci -Czi-alkyl, C5-C6 cycloalkyl, phenyl, or phenyl-Ci -CValkyl; R4 Stands for hydrogen, C \-CA alkyl, CH2COOR8, phenyl, or phenyl-G -CValkyl; R5 and R6 stand independently of each other for hydrogen or C \-CA alkyl or one of the residues R5 or R6 can also stand for COOR8 or CH2COOR8; A Stands for a chemical bond or C \-CA alkanediyl; X Stands for 0 or NR7; Z Stands for a chemical bond, P02 , S02, or C=0; Y Stands for a chemical bond, CH2 or CHCH3; R7, if present, Stands for G-C 6 alkyl; R8, if present, Stands for hydrogen or Ci-C 6 alkyl.

No. of Pages : 52 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7875/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : THERAPEUTIC AGENT FOR INFLAMMATORY DISEASE

(51) International classification :A61K39/395,A61P13/12,A61P29/00
(31) Priority Document No :2012-035965
(32) Priority Date :22/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054551
Filing Date :22/02/2013
(87) International Publication No :WO 2013/125687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)KUSANO Toru
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9)NOGUCHI Takayuki
10)HAGIWARA Satoshi

(57) Abstract :
The present invention relates to a therapeutic agent for histone-induced inflammation said therapeutic agent comprising a monoclonal antibody or an antigen binding fragment thereof which can bind to a peptide comprising an amino acid sequence represented by SSVLYGGPPSAA (SEQ ID NO:1) or a conjugate of said peptide with a pharmaceutically acceptable carrier.

No. of Pages : 55 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7876/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR CREATING DESIGNS AND RAISED PATTERNS ON THE FOLDS RECESSED PORTIONS AND EDGE SURFACES OF OBJECTS CONSISTING OF SHEETS

(51) International classification :B31D5/04,B42D1/00,B44C5/00
(31) Priority Document No :1200500
(32) Priority Date :21/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/000045
Filing Date :19/02/2013
(87) International Publication No :WO 2013/124550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TODIE Cristian

(57) Abstract :
The present application relates to the bulk manufacture of objects materials or products from sheets or fabrics which are either folded or to be folded with designs images text and raised patterns that are reconstituted strip by strip at the edge of the folds thereof in the recessed portions and in the edge surfaces. The present application relates to the harmonisation of a process for repeating designs and shapes which are shifted relative to one another on at least one sheet and from one sheet to the other by reproducing cutting or stamping is merged with folding operations necessitated by the design or suitable for the technical process of the machines in a predetermined manufacturing procedure. The method is mainly useful in book publishing and stationery. Said method can also lend itself to the creation of novel shapes for books and notebooks produced in bulk e.g. having a cylindrical or triangular prism shape or bas reliefs on the edge surface thereof and to objects games toys jewelry as well as to fashion accessories decorative objects promotional stands packaging furniture and to various novel textile materials and panels made of various materials.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2014

(21) Application No.7507/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ULTRAVIOLET WATER TREATMENT DEVICE

(51) International classification :C02F1/32
(31) Priority Document No :2012-052150
(32) Priority Date :08/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/052029
Filing Date :30/01/2013
(87) International Publication No :WO 2013/132927
(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 ultraviolet water treatment device of an embodiment is provided with an ultraviolet ray irradiation tank an inlet tube for supplying the water to be treated and an outlet tube for discharging the treated water. The ultraviolet ray irradiation tank is provided with multiple ultraviolet ray irradiation modules. The multiple ultraviolet ray irradiation modules comprise multiple ultraviolet ray irradiating tubes a cleaning device and a cleaning device drive unit. The multiple ultraviolet ray irradiating tubes comprise multiple ultraviolet lamps and multiple ultraviolet lamp protecting tubes that protect each ultraviolet lamp individually. The cleaning device cleans the surface of each ultraviolet lamp protecting tube. The cleaning device drive unit drives the cleaning device. Each ultraviolet ray module comprises two ultraviolet ray irradiating tubes or three ultraviolet ray irradiating tubes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7529/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PLASTICS MATERIAL STRAPPING BAND FOR WRAPPING AROUND ONE OR MORE ARTICLES AND METHOD FOR PRODUCING A PLASTICS MATERIAL STRAPPING BAND

(51) International classification	:B65D63/10,B29C55/06,B29K67/00
(31) Priority Document No	:10 2012 102 155.4
(32) Priority Date	:14/03/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2012/069237 :28/09/2012
(87) International Publication No	:WO 2013/135315
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)LENZEN Peter Wilhelm

(57) Abstract :
The present invention relates to a plastics material strapping band (4) for wrapping around one or more articles. The plastics material strapping band has the following constituent parts: a) up to approximately 90% by weight polyester b) approximately 1% by weight to 5% by weight polyolefin and c) approximately 5% by weight to 10% by weight fibre material. The invention also relates to a method for producing a plastics material strapping band.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7366/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MAGNETICALLY TRIGGERED PROXIMITY SWITCH

(51) International classification :H01H36/00
(31) Priority Document No :13/370222
(32) Priority Date :09/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025011
Filing Date :07/02/2013
(87) International Publication No :WO 2013/119723
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SIMMONS Michael John

(57) Abstract :
A magnetically triggered proximity switch includes a cylindrical switch body and a bias member non movably secured within the switch body. The proximity switch also includes first and second normally closed contacts and first and second normally open contacts. The proximity switch further includes a spherical contact magnet disposed within the switch body with the contact magnet being movable relative to the bias member from a first switch position and a second switch position. In the first switch position an attraction to the bias member maintains the contact magnet in contact with the first and second normally closed contacts thereby completing a circuit between the first and second normally closed contacts. In the second switch position an attraction to a movable target external to the switch body moves the contact magnet into contact with the first and second normally open contacts thereby completing a circuit between the first and second normally open contacts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7367/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FLUID COOLED ELECTRICALLY ASSISTED TURBOCHARGER

(51) International classification	:F02B39/10,F02B39/00,F01D25/12
(31) Priority Document No	:61/600885
(32) Priority Date	:20/02/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/025542 :11/02/2013
(87) International Publication No	:WO 2013/126232
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)BUCKING Michael

(57) Abstract :
A fluid cooled electrically assisted turbocharger (1) comprising a housing (3) and an electric motor stator (22) disposed in the housing (3). The stator (22) includes a pair of o rings (204, 208) or other circumferential seals disposed therearound. The circumferential seals (204, 208) may be disposed in corresponding grooves (202, 206) formed into the circumference of the stator (22). The o rings (204, 208) are operative to seal against an interior (142, 144) of the housing (3) to form an annular chamber (130) around at least a portion of the stator (22) and a pair of end cavities (122, 126) at the axial ends of the stator (22). The annular chamber (130) is adapted to allow the circulation of a cooling fluid around the stator (22).

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7472/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF MAKING ISOIDIDE

(51) International classification :C07D493/04
(31) Priority Document No :12156170.8
(32) Priority Date :20/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2013/050105
Filing Date :19/02/2013
(87) International Publication No :WO 2013/125950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)LE NTRE Jr´me Emile Lucien
5)VAN ES Dani«l Stephan
6)VAN HAVEREN Jacobus

(57) Abstract :
Disclosed is a process for the preparation of isoidide from isosorbide. An aqueous solution of isosorbide is subjected to epimerization in the presence of hydrogen under the influence of a catalyst comprising ruthenium on a support preferably a carbon support. The process of the invention can be conducted using a relatively low hydrogen pressure and leads to a desired distribution of epimers favoring isoidide over isomannide and isosorbide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7473/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM METHOD AND DEVICE FOR USE OF A CARBONACEOUS MATERIAL AS A FUEL FOR THE DIRECT GENERATION OF ELECTRICAL AND THERMAL ENERGY

(51) International classification :H01M8/22,C25B5/00
(31) Priority Document No :61/615718
(32) Priority Date :26/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031000
Filing Date :13/03/2013
(87) International Publication No :WO 2013/148209
(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 :
A solid oxide supercritical water electrochemical cell which uses carbonaceous materials such as sewage or waste food in a mixture with fluid as fuel simultaneously generating two or more forms of energy by means of combustion of oxidizable carbonaceous material in whole or in part by electrochemical oxidation under hydrothermal conditions.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7474/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GAS DISPENSER WITH DIFFUSING NOSEPIECE

(51) International classification :A61M37/00,A62B9/06,A62B23/06
(31) Priority Document No :61/599735
(32) Priority Date :16/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/026474
Filing Date :15/02/2013
(87) International Publication No :WO 2013/123417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DE LA SERNA Pedro
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(57) Abstract :
Described here are hand held low flow devices for dispensing a therapeutic gas. The devices may be configured to include a gas control assembly for delivering a defined volume of gas at a controlled pressure and flow rate. A nosepiece may be included in the device that is formed of a porous material capable of filtering the dispensed gas and also diffusing the flow of gas as it travels through the nosepiece and into the nasal cavity. The nosepiece may be configured so that there is substantially no restriction of flow therethrough. Methods for treating various medical conditions and delivering therapeutic gases to the nasal mucosa using hand held low flow gas dispenser devices are also described.

No. of Pages : 46 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7475/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRANSPLANTING MACHINE

(51) International classification :A01C11/02
(31) Priority Document No :2012-059161
(32) Priority Date :15/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055712
Filing Date :01/03/2013
(87) International Publication No :WO 2013/137028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)FUKADA Kazunori

(57) Abstract :
The present invention addresses the problem of correcting defects such as as twisting of transmission elements caused by the operation of nonuniform-speed members in a transplanting machine having a rotary-type seedling planting device. Nonuniform-speed members (48, 56, 121, 122, 98, 99), which transmit nonuniform rotational power to transplanting mechanisms (8), are provided separated into upstream nonuniform-speed members (48, 56, 121, 122), on the inter-row spacing speed-changing device (26) side, and downstream nonuniform-speed members (98, 99), on the seedling planting device side. The upstream nonuniform-speed members (48, 56, 121, 122) are formed so as to be capable of switching between multiple gears, with the acceleration/ deceleration ratio changed for each gear, and the down stream nonuniform-speed members (98, 99) are formed in a single gear. In each of the gears for the upstream nonuniform-speed members (48, 56, 121, 122), the setting for the maximum-speed phase, wherein the operating speed of planting claws (96) in the transplanting mechanisms (8) is at the maximum speed, can be changed.

No. of Pages : 61 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7476/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VEHICLE POWER CONVERSION DEVICE AND VEHICLE

(51) International classification :H02M7/12
(31) Priority Document No :2012-060300
(32) Priority Date :16/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003777
Filing Date :11/06/2012
(87) International Publication No :WO 2013/136377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKAZAWA Yosuke
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4)HASEGAWA Ryuta
5)MAKINO Tomoyuki

(57) Abstract :
The purpose of the invention is to reduce the number of components used in a configuration with which a voltage multi level control is performed. A vehicle power conversion device of an embodiment comprises a single phase two level converter and a single phase three level converter. The single phase two level converter is constituted by: a capacitor; first to fourth controllable switching devices having self turn off ability; and diodes inversely connected in parallel with the respective controllable switching devices. The single phase three level converter is constituted by: two capacitors connected in series; fifth to tenth controllable switching devices; and diodes inversely connected in parallel with the respective controllable switching devices. The single phase two level converter and the single phase three level converter are connected in series between AC input/output points. The single phase two level converter has a smaller switching loss than the single phase three level converter. The single phase three level converter has a higher withstand voltage property than the single phase two level converter.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.7375/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TWO PART SIZING COMPOSITION FOR COATING GLASS FIBRES AND COMPOSITE REINFORCED WITH SUCH GLASS FIBRES

(51) International classification :C08G59/32,C08L63/00,C03C25/10
(31) Priority Document No :12160284.1
(32) Priority Date :20/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/055559
Filing Date :18/03/2013
(87) International Publication No :WO 2013/139732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MASSON Nadia

(57) Abstract :
A pellet comprising glass fibres and a thermoplastic polyester matrix, wherein the glass fibre at least partially has been coated with a two-part sizing composition comprising: (C)A precursor comprising: (a)an a minosilane and (b)a polymer or copolymer containing carboxylic acid and/or anhydride, both having a functionality, F>3, and (D)A binder comprising a multifunctional epoxy resin of functionality, F>3, and wherein the pellet has been subjected to a solid state post condensation process (SSPC).

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.7376/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYMERIC YARN AND METHOD FOR MANUFACTURING

(51) International classification :D02G3/02,D01F1/10,D01F6/04
(31) Priority Document No :12162973.7
(32) Priority Date :03/04/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056872
Filing Date :02/04/2013
(87) International Publication No :WO 2013/149990
(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 invention relates to a yarn comprising polymeric filaments and/or polymeric staple fibers containing a filler wherein said filler is a plurality of fibrils having an average length of between 50 µm and 200 µm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.7904/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMMUNICATING SYSTEM COMMUNICATING TERMINAL COMMUNICATING METHOD AND STORAGE MEDIUM

(51) International classification :H04L29/06,H04L29/08
(31) Priority Document No :2012-068189
(32) Priority Date :23/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001906
Filing Date :21/03/2013
(87) International Publication No :WO 2013/140801
(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 :
a network service using apparatus automatically performs a communication setting of a communicating terminal when the network service using apparatus connects a network through the communicating terminal. A communicating terminal of the present invention contains a first communicating unit a second communicating unit a third communicating unit and a communication setting unit. The first communicating unit communicates with a network service providing apparatus through a network. The second communicating unit communicates with a network service using apparatus. The third communicating unit receives a request message of a communication path establishment from the network service using apparatus. The communication setting unit performs the communication settings of the first communicating unit and the second communicating unit to establish a communication path through the first communicating unit and the second communicating unit based on the request message from the third communicating unit.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7433/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRANSFORM ENCODING/DECODING OF HARMONIC AUDIO SIGNALS

(51) International classification :G10L19/028,G10L19/038
(31) Priority Document No :61/617216
(32) Priority Date :29/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/051177
Filing Date :30/10/2012
(87) International Publication No :WO 2013/147666
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)N„SLUND Sebastian
4)POBLOTH Harald

(57) Abstract :
An encoder (20) for encoding frequency transform coefficients (Y(k)) of a harmonic audio signal include the following elements: A peak locator (22) configured to locate spectral peaks having magnitudes exceeding a predetermined frequency dependent threshold. A peak region encoder (24) configured to encode peak regions including and surrounding the located peaks. A low frequency set encoder (26) configured to encode at least one low frequency set of coefficients outside the peak regions and below a crossover frequency that depends on the number of bits used to encode the peak regions. A noise floor gain encoder (28) configured to encode a noise floor gain of at least one high frequency set of not yet encoded coefficients outside the peak regions.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7434/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PERFORATION DEVICE TO PERFORATE CLOSED RECEPTACLES CONTAINING COLORING PRODUCTS

(51) International classification :B67B7/48
(31) Priority Document No :UD2012A000032
(32) Priority Date :28/02/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/000337
Filing Date :27/02/2013
(87) International Publication No :WO 2013/128269
(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 :
Perforation device to perforate closed receptacles (12) containing coloring products comprising a support plane (21) movable in a substantially vertical direction and on which a receptacle (12) to be perforated is suitable to be disposed a perforation member (18) positioned at a determinate height higher than the support plane (21) and actuation means to selectively move the support plane (21) toward the perforation member (18) to cause the perforation of the receptacle (12) to be perforated. The actuation means comprise a lifting mechanism (29) connected to the support plane (21) and drivable by means of a pedal (30) and wherein it also comprises a safety mechanism (40) suitable to be manually driven in order to prevent said pedal (30) from being driven by an operator without the latter also driving said safety mechanism (40) at the same time and with both hands.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7435/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND DEVICE FOR GRINDING MOIST MATERIAL

(51) International classification :B02C15/00,B02C23/02,B02C23/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/004342
Filing Date :17/10/2012
(87) International Publication No :WO 2013/143565
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PURANIK Rajendra

(57) Abstract :
The invention relates to a method and a device for grinding moist material in a vertical roller mill and is in particular suitable for the cement industry and the grinding of moist cement raw material and cement clinker and moist additional materials. In order to prevent adverse reactions between moist materials or between moist and dry materials in particular in the production of cement mixtures and in order to achieve an optimization of the grinding and sifting process an improved energy efficiency and the maintenance of the desired product quality and mill throughput a predrying of the moist material is provided in a predrying device integrated into the roller mill. The predried material passes via the reject circuit and the sifter where the fine material is separated for the first time into the grinding chamber and is supplied to the grinding stage. Direct current tubular dryers are preferably incorporated as integrated predrying devices into the vertical roller mill and extend from at least one charging device in the upper mill region up to virtually an annular gas outlet opening for a hot gas stream said gas outlet opening surrounding the grinding bowl.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7436/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POLYMERIC DISPERSANTS DISPERSIONS PROCESSES FOR PREPARING DISPERSIONS AND THE USE OF POLYMERIC DISPERSANTS

(51) International classification	:C09D11/00,C09D11/10,C09D17/00
(31) Priority Document No	:1206126.3
(32) Priority Date	:05/04/2012
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2013/050862
Filing Date	:02/04/2013
(87) International Publication No	:WO 2013/150289
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HOLBROOK Mark
2)SHERWIN Alison
3)WILLIAMS Richard

(57) Abstract :
A polymeric dispersant obtained or obtainable by copolymerising a monomer composition comprising at least the components: i)benzyl (meth)acrylate; ii)propylene glycol (meth)acrylate; wherein the weight ratio of component i) to component ii) is greater than 10:1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014
(21) Application No.7437/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EMULSIFIED FOOD PRODUCT COMPOSITION

(51) International classification :A23L1/29,A23L1/05,A23L1/06
(31) Priority Document No :2012-079923
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056422
Filing Date :08/03/2013
(87) International Publication No :WO 2013/146181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ENDO Naoyuki
2)MIZUKAI Kazuya

(57) Abstract :
The purpose of the present invention is to provide an emulsified food product composition having good fluidity and emulsification stability even when subjected to heat sterilization treatment with which gastro esophageal reflux can be prevented by gelling upon entering the stomach. By adding a gelling agent for gelling in the acidic region at least one emulsion stabilizer selected from the group consisting of gum arabic and gum ghatti and a divalent metal salt to the emulsified food product composition comprising a lipid it is possible to realize the property of gelling upon entering the stomach and obtain good fluidity and emulsification stability even if a heat sterilization treatment is used.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7438/DELNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GLASS SHEET WITH AN ENAMEL BASED COATING

(51) International classification :C03C17/00
(31) Priority Document No :12159655.5
(32) Priority Date :15/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/054899
Filing Date :11/03/2013
(87) International Publication No :WO 2013/135637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DENEIL Christine
2)PIETERS Ronny

(57) Abstract :
The invention relates to a glass sheet having an enamel based coating provided on at least one of its surface which is in direct contact with said sheet and which comprises :a glass frit inorganic pigments and organic compounds comprising at least one cross linked compound said coating exhibiting a xylene resistance of at least 00double rubs as measured using the Solvent Resistance Rub Test according to ASTM D5402-06 (2011) as modified therein. Such a glass sheet can be heat treated (for example in view of a subsequent tempering process) and before heat treatment can be handled and transported without damaging the coating can be cut and ground without causing the coating to peel off or to be damaged at the borders of the cutting line and offer a good resistance under running water avoiding the peeling off or destruction of the coating during edges grinding or storage or transportation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2014

(21) Application No.1001/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DIESEL ENGINE ARRANGEMENT AND METHOD FOR VARNISH BUILD UP CONTROL

(51) International classification :F02B37/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/060887
Filing Date :16/11/2011
(87) International Publication No :WO 2013/074094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NKOUKA Louis
3)MYERS Adam

(57) Abstract :
A method is provided for controlling varnish build up in a variable geometry turbine (VGT) of a diesel engine turbocharger. According to the method it is determined whether an operation parameter is at a level established for initiating a varnish build up control sequence. Upon determining that the operation parameter is at the esiablished level the varnish build up control sequence is initiated. The sequence comprises increasing exhaust temperature upstream of the VGT to a first exhaust temperature and changing an opening size of a VGT nozzle between a smaller and a larger opening size in association with increasing the exhaust temperature to the first exhaust temperature. A diesel engine arrangement is also provided.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1141/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INTEGRATED HYDRAULIC SYSTEM CHECKING & SERVICING TROLLEY (IHSCST)

(51) International classification	:E21B19/00, F16K3/02, F16K3/03
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :AURDC, HINDUSTAN AERONAUTICS LIMITED, OJHAR TOWNSHIP PO, NASIK-422207 Maharashtra India
(72)**Name of Inventor :**
1)YOGESH RAI

(57) Abstract :
This invention relates to an improved design that resulted in to development of Integrated Hydraulic System checking Trolley. Integrated Hydraulic System Checking & Servicing Trolley (IHSCST) is used for checking of Aircraft Hydraulic System on ground. IHSCST is a substitute of onboard hydraulic pump. This trolley is used primarily to confirm serviceability of Hydraulic Undercarriage, various Actuators, Tanks, Compensator, isolating Hydraulic Pump of the on board Aircraft and for checking response time of various systems and also for selective operation during maintenance and repair. The trolleys are mostly designed to meet technical requirement of specific aircraft. However all available prior art equipment suffer from various deficiencies of parameter limitations and low MTBF due to ON LOAD, start and stop and cavitations resulting in to failure of main high pressure hydraulic pumps. This hydraulic trolley has been designed to check and test most of aircraft variants hydraulic systems irrespective of its design origin. Thermoplastic hoses are used in the equipment where as in prior art either metallic pipe or metal braided hose was used to connect equipment with aircraft. On line contamination-sensing device has been incorporated to monitor and control cleanliness of working fluid of the equipment and aircraft hydraulic system. Further, equipment is having additional no load starting feature which is provided by unloading of the system even at peak pressure in case of power failure, emergency or sudden stoppage of the equipment. The electric motor/diesel engine driven third pump is used to charge the system in case of fall of suction pressure below preset value in hydraulic system, where as in prior art, hand operated hydraulic pump is used in some of the cases The Integrated Hydraulic System Checking & Servicing Trolley (IHSCST) can also be used for charging, while with checking/testing and washing of aircraft hydraulic system.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1142/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TYRE ASSEMBLING AND DISMANTLING DEVICE

(51) International classification :B60B23/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YOGESH RAI

(57) Abstract :
This invention relates to an improved design of tyre building device used for installation and removal of tyre from hub. The equipment is redesigned to have dual mode of operation. With available electric supply the device can be operated with the help of electric motor driven pump. In the absence of power supply function can be performed with hand operated hydraulic piston pump. This dual operating mode increases the utilization of the equipment, by providing flexibility to the user. The equipment can be used at remote place also.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1134/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN ELECTRICAL CHARGING DEVICE FOR A SWITCH-GEAR MECHANISM

(51) International classification :H01R13/447
(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

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1)SHREEYASH PATANKAR
2)KHUSUBU AGRAWALLA

(57) Abstract :
An electrical charging system for switch gear mechanism includes a charger assembly that includes a gear box assembly and a motor assembly a mechanism assembly. The gearbox assembly includes a rear housing assembly, a front housing assembly, a top plate assembly and a primary shaft assembly. The rear housing assembly includes a pivot shaft for electrical cutoff, a roller cam for cut-off assembly, an electrical cut-off lever mounted on the pivot shaft for electrical cut-off and a plurality of limit switches. The electrical cut-off lever has a first end actuated by rotation of the roller cam of the cut-off assembly to cause rotation of the electrical cut-off lever over the pivot shaft and a second end. The limit switches are actuated by the second end of the electrical cut-off lever. The primary shaft assembly includes a gear arrangement, a primary shaft, a link, a ratchet and a pawl.

No. of Pages : 66 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1136/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DUAL CLUTCH TRANSMISSION

(51) International classification :F16H3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAJENDRAN VENUKUMAR
2)MUTHUSAMY SARAVANAN
3)ADIGA GANESH

(57) Abstract :
A dual clutch transmission system includes a first clutch, odd drive gears, a second clutch, even drive gears and reverse gears. The first clutch coupled to a power source and a first output shaft to selectively transmit power. The driving gears of odd drive gears are mounted on first output shaft and engage with driven gears rotatably supported on either of first and second counter-shafts to define odd gear ratios. The second clutch coupled to power source and a second output shaft concentrically disposed within first output shaft to selectively transmit power. The driving gears of even drive gears mounted on second output shaft engage with driven gears to define even gear ratios. A driving gear of reverse gears mounted on first countershaft is functionally coupled to a driven gear of second drive gears and is independent to driving gear of first drive gears to facilitate forward-reverse shuttling and parking.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1194/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ADJUSTABLE AIR-CONDITIONING CONDENSER FOR AUTOMOBILES

(51) International classification	:F16M11/00, F25B25/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KRISHNA B BHOSALE
2)RAJKUMAR S PAWAR
3)SAMBHAJI KESHAW JAYBHAY

(57) Abstract :
An air conditioning unit (100) for a vehicle (1) comprising: at least one condenser unit (2) adjustably mounted at a predetermined location of the vehicle (1), wherein the at least one condenser unit (2) is configured to be operated between a first position (FP) and a second position (SP); wherein the at least one condenser unit (2) in the first position (FP) receives more ram air compared to the at least one condenser unit (2) in the second position (SP). An actuator unit (3) coupled to the at least one condenser unit (2) for operating the at least one condenser unit (2) between the first position (FP) and the second position (SP); wherein, actuation of the at least one condenser unit (2) between the first position (FP) and second position (SP) varies height of the vehicle (1).

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1196/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : STATIN COMPOSITION

(51) International classification	:A61K31/22, A61K31/366
(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

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(72)**Name of Inventor :**
1)KARTAR SINGH LALVANI

(57) Abstract :
According to this invention, there is a synergistic pharmaceutical composition for the treatment or prophylaxis of Mixed Dyslipidemia, Hypercholesterolemia, Hyperhomocysteinemia and Coronary heart disease, that could surpass the limited biochemical effects of Atorvastatin by acting on a variety of related biochemical functions. In its optimal embodiment the composition consists of lOmg Atorvastatin, 1000 I.U.Vitamin D3, 2.5mg Folic acid, 20mg Vitamin B6, 200mcg Vitamin B12, and optionally 75mg Aspirin.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013
(21) Application No.1181/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INNOVATIVE ENERGY & WATER CONSERVATION SYSTEM FOR POWER PLANT HAVING WET FLUE GAS DESULPHURISATION SYSTEM

(51) International classification	:B01D53/50, B03C3/013, B03C3/019
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)ATRE ASHOK DATTATRAY

(57) Abstract :
The invention relates to an energy and Water Conservation system in a Power Plant. The said system comprises a corrosion resistant heat exchanger having an inlet and outlet for flue gases. The said inlet connected to the outlet of exhaust flue gases from ESP /bag filter and the said outlet connected to the inlet of flue gas desulfurization unit. A plate type heat exchanger having first fluid path having water outlet and water inlet and second fluid path having water inlet and water outlet. The said water outlet of first path connected to inlet of water circulation in the said corrosion resistant heat exchanger. The said water inlet of first path connected to the water outlet of the said corrosion resistant heat exchanger for intermediate water circulation. The said second fluid path water inlet connected to the boiler feed water supply for preheating in the said plate heat exchanger and the said water outlet of second fluid path connected to discharge outlet into the de-aerator tank.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2014

(21) Application No.1474/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : EXTERNALLY HEATED MICROWAVE PLASMA GASIFIER AND SYNTHESIS GAS PRODUCTION METHOD

(51) International classification :C10J3/66,C10J3/48,C01B3/02
(31) Priority Document No :201110449489.7
(32) Priority Date :29/12/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/083566
Filing Date :26/10/2012
(87) International Publication No :WO 2013/097533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG Yanfeng
3)XIA Minggui
4)ZHANG Liang

(57) Abstract :
The present invention relates to an externally heated microwave plasma gasifier and a synthesis gas production method comprising mainly a vertically arranged cylindrical gasifier main body a feeder apparatus in communication with the main body and arranged at the middle section of the gasifier main body an upper layer steam nozzle arranged at a clearance area a lower level carbon dioxide/steam nozzle arranged at a bed layer area a synthesis gas outlet at the top part of the gasifier main body a monitoring unit arranged on the outlet and a microwave plasma generator arranged in the clearance area and on the upper end of the upper layer steam nozzle; also provided is an external heating apparatus utilizing an external heat source for heating the gasifier main body where the external heating apparatus is arranged integrally with the gasifier main body or arranged separately from the gasifier main body. Because the external heat source is used to supply heat the amount of biomass chemical energy converted into thermal energy is reduced so much so that no additional oxidizer is added for oxidation reaction this allows for high effective ingredient content in the synthesis gas for highly efficient and economic subsequent utilization process and for comprehensive utilization in combination with various forms of energy.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2014

(21) Application No.1476/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BIOMASS SYNGAS PURIFICATION PROCESS UNDER POSITIVE PRESSURE FOR PRODUCING OIL AND SYSTEM CONFIGURATION THEREOF

(51) International classification :C10K1/00,C10K1/02,C10K1/06
(31) Priority Document No :201110449549.5
(32) Priority Date :29/12/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/083534
Filing Date :26/10/2012
(87) International Publication No :WO 2013/097530
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NIE Hongtao
3)XIA Minggui
4)LIU Wenyan
5)ZHANG Liang

(57) Abstract :
Provided is a biomass syngas purification process under positive pressure for producing oil and the system thereof. In the process an oxidation air blower is employed to blast a high temperature pyrolysis gasifier; a high temperature syngas extracted from the gasifier enters a water cooled chilling tower via a water cooled flue and the gas is partly chilled to solidify slag by spraying water; the waste heat is recovered by a waste heat boiler of a water tube type and a waste heat boiler of a heat tube type in two stages with double pressure; the by products middle pressure steam and low pressure steam are ejected externally; after the heavy tar is condensed and recovered by the waste heat boiler of the heat tube type the resulting syngas enters a Venturi scrubber without padding scrubbing dust extraction a wet electrostatic precipitator for deep dust extraction and is purified by removing tar fog; then the acceptable syngas is transported to a wet gas holder for storage or supplied for use down stream. The purification aims of cooling of the syngas in stages gradient recycling of waste heat stepwise dust extraction and tar removal are achieved and the technical problems of a complex system long flow high energy consumption low efficiency and poor stability and economy are resolved by optimizing the process and controlling the appropriate process parameters.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1191/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN ELECTRICAL SYSTEM FOR A VEHICLE

(51) International classification :H02J17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHANDRAKANT M. AWATE
3)ANAY MALAVIYA

(57) Abstract :
The present disclosure provides an electrical system for a vehicle comprising a battery, an alternator, a starter motor and an electrical cable. The electrical cable comprises a first core of electrical wires, primary cores of electrical wires and secondary cores of electrical wires. The first core of electrical wires is used to connect a positive terminal of the alternator and a positive terminal of the battery. The primary cores of electrical wires (P) and the secondary cores of electrical wires (S) are arranged alternatively to each other (P, S, P, S). The primary cores of electrical wires (P) are used to connect the positive terminal of the battery and the starter motor. The secondary cores of electrical wires (S) are used to earth a negative terminal of the battery.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1192/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AUTOMATED STATUTORY WARNING SYSTEM TO DISPLAY DISCLAIMERS

(51) International classification :F02P17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GOPAL, GOUTAM YELLURU
3)CHANDRA, MARISWAMY GIRISH

(57) Abstract :
Disclosed is a method and system for real time appending at least one electronic message in at least one video stream. The system comprises a channel identification module, a signal processing module, a decision module and a message appending module. The channel identification module is configured to identify at least one channel broadcasting the at least one video stream comprising at least one video frame. The signal processing module is configured to perform signal processing analysis on the at least one video frame to detect a plurality of objects associated with at least one content. The decision module is configured to validate the presence of the at least one content by contextually correlating at least one object with at least one another object from the plurality of objects. The message appending module is then configured to append the at least one electronic message in the at least one video stream.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1193/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF A-TRIFLUOROMETHYL KETONES BY TRIFLUOROMETHYLATION OF OLEFINS

(51) International classification	:C07C231/02, C07C235/84, C07C45/44, C07C
(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

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2)SRIMANTA MANNA
3)ARGHYA DEB
4)ATANU MODAK
5)SOHAM MAITY

(57) Abstract :
This invention relates to synthesis of unactivated a-Trifluoromethyl Ketones from olefins. Reaction is carried out with sodium triflinate (NaS02CF3) Langlois Reagent in the presence of Ag/K2S2O8and in a solvent medium of DMF either alone or with water. Reaction is carried out at ambient conditions in the presence of atmospheric oxygen.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2014

(21) Application No.1485/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF LOCATING A SENSOR AND RELATED APPARATUS

(51) International classification :G01S19/48,G06K9/00,G05D1/02
(31) Priority Document No :1202344.6
(32) Priority Date :10/02/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050299
Filing Date :08/02/2013
(87) International Publication No :WO 2013/117940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHURCHILL Winston

(57) Abstract :
A method of localising a vehicle hosting a sensor comprising the steps of capturing data from the sensor providing a sensed scene around the vehicle at a current time processing the sensed scene to extract a set of features from the sensed scene and to determine using the extracted features a position of the vehicle from the sensed scene in relation to the position of the sensor at an earlier time comparing the extracted set of features from the sensed scene to one or more stored experiences wherein each stored experience comprises a plurality of sets of features where each set of features has been determined from a previously sensed scene to ascertain whether the sensed scene can be recognised within any of the stored experiences and if the extracted set of features of the sensed scene are recognised within any one of the stored experiences then that stored experience is used to produce an estimate of the position of the vehicle at the current time with respect to the stored experience.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1146/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VARIABLE BLOCKING ARTIFACT SIZE AND OFFSET DETECTION

(51) International classification	:G06T9/00, H04N5/21, H04N7/26, H04N7/30
(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

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(72)**Name of Inventor :**
1)ALLAMSETTY, VENKATARAVI

(57) Abstract :
An aspect of the invention includes a system and method for determining a block size and offset for a block artifact. A content (135) is identified. The content (135) can be an image, a frame of video, or any other appropriate content. Edge differences (215, 220, 225, 230, 235, 240, 245, 250) are calculated in each dimension (205, 210) of the content (130) based on the pixel values. The edge differences (215, 220, 225, 230, 235, 240, 245, 250) are filtered. From the filtered edge differences, block attributes, such as block size and offset, can be determined.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2014

(21) Application No.1472/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MICROWAVE PLASMA BIOMASS ENTRAINED FLOW GASIFIER AND PROCESS

(51) International classification :C10J3/46,C10J3/48
(31) Priority Document No :201110449413.4
(32) Priority Date :29/12/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/083562
Filing Date :26/10/2012
(87) International Publication No :WO 2013/097532
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHEN Yilong
2)ZHANG Yanfeng
3)XIA Minggui
4)ZHANG Liang

(57) Abstract :
A microwave plasma biomass entrained flow gasifier comprising a gasifier body (8) a fuel inlet arranged at the lower part of the gasifier body (8) a synthetic gas outlet at the top part of the gasifier body (8) and a slag discharge outlet (10) at the bottom part of the gasifier body (8). Arranged outside the gasifier body (8) is a fuel preprocessing system comprising a fuel crushing apparatus (1) a sieving apparatus (2) arranged downstream to the fuel crushing apparatus (1) a particle diameter qualified fuel chamber (3) and a particle diameter unqualified fuel chamber (4) arranged in parallel and downstream to the sieving apparatus (2) and a gasifier front chamber arranged downstream to the particle diameter qualified fuel chamber (3) where the gasifier front chamber (5) is connected at the bottom part thereof to the gasifier body (8) via a burner. Arranged at the synthesis gas outlet (9) at the top part of the gasifier is a synthesis gas monitoring unit (12). Also provided is a process utilizing the gasifier for biomass entrained flow gasification. The process comprises: 1) a biomass fuel is preprocessed; 2) a microwave plasma working gas is introduced into a plasma generator excited into plasma then injected into the gasifier; 3) biomass fuel powdery particles are injected into the gasifier via the burner while at the same time an oxidizer is fed into the system via an oxygen/steam inlet injected into the gasifier simultaneously with the biomass fuel the biomass fuel is subjected to a thermochemical reaction within the gasifier; 4) the temperature and content of the synthesis gas are monitored for implementing adjustments in oxygen flow rate steam flow rate and microwave power; the temperature at the synthesis gas outlet is between 900°C and 1200°C; finally the synthesis gas is drawn out from the synthesis gas outlet at the top part while at the same time a liquid slag is discharged via the slug discharge outlet.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2014

(21) Application No.938/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : THE CONTROLLED RELEASE METHOD FOR A PHARMACEUTICAL COMPOSITION COMPOSED OF CHELATING COMPLEX MICELLES

(51) International classification	:A61K47/32,A61K31/28,A61K33/24
(31) Priority Document No	:61/694216
(32) Priority Date	:28/08/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/024049 :31/01/2013
(87) International Publication No	:WO 2014/035465
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)JOHN SON LIn
4)TIEH HSIUNG Chiu
5)JING YI Chen
6)PI HUNG Liao
7)CHIA CHI Su
8)WEI CHUAN Liao

(57) Abstract :
This invention provides the controlled release method for a pharmaceutical composition comprising of metals in the drug carrier. The specific chelator is used to trigger the release of active pharmaceutical ingredients from chelating complex micelles. The drug release rate and half life can also be controlled by manipulating the dosing sequence and the concentration of metal and specific chelator.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013
(21) Application No.1130/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ACCELERATION SENSITIVE LATCHING SYSTEM WITH A VARIABLE POSITION CENTER OF GRAVITY

(51) International classification	:G01P15/08, G01P15/135, H01H35/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)SHREEYASH PATANKAR
2)HIMADRI SENGUPTA

(57) Abstract :
Disclosed is a latching assembly for a moving contact of a circuit breaker. The latching assembly comprises a shaft member housed rotatably in bearing members of the moving contact. The latching assembly further comprises a latching member placed pivotabiy on an extension of the shaft member. The latching member includes an opening for pivoting the latching member to the shaft member, and a slot for accommodating a dummy weight, the dummy weight capable of being moved along the body of the latching member.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1186/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GALVANNEALED STEEL SHEET WITH MODIFIED RESIN BARRIER COATING

(51) International classification	:C23C28/00, C25D5/26, C25D5/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)SWATI SURUSHE
3)HARIHARAN VENKATRAMAN
4)PONKSHE SHRIPADRAJ

(57) Abstract :
The present disclosure relates to a galvannealed (GA) steel sheet coated with a coating composition, a method of obtaining such coated sheet and a storage tank made thereof. The present disclosure also relates to a composition, a method of obtaining such composition and a method of determining resistance thereof.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.946/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PLUG AND PLAY SENSOR PERIPHERAL COMPONENT FOR PROCESS INSTRUMENTATION

(51) International classification :H04L29/12,H04L29/02
(31) Priority Document No :13/353410
(32) Priority Date :19/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071637
Filing Date :26/12/2012
(87) International Publication No :WO 2013/109391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ROSEMOUNT INC.
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(72)**Name of Inventor :**
1)HOLMSTADT Clarence Edward

(57) Abstract :
A plug and play sensor peripheral component includes an electrically conductive physical connector; an electrical connector; a transformer; and an RF communication and data storage circuit. The electrical connector is electrically connected to the physical connector by a first conductive path. The transformer is electrically connected to the RF communication and data storage circuit. The transformer and the RF communication and data storage circuit are electrically isolated from the physical connector and the electrical connector. Electrically connecting the physical connector to the electrical connector by other than the first conductive path inductively couples the RF communication and data storage circuit to the first conductive path.

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014
(21) Application No.947/MUMNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :G06F3/0484,G06F3/0485,G06F3/0488
(31) Priority Document No :2011-260434
(32) Priority Date :29/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006839
Filing Date :25/10/2012
(87) International Publication No :WO 2013/080430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YAMAMOTO Daisuke

(57) Abstract :
An apparatus (10) includes a proximity detection information receiving unit (ll)and a controller (14). The proximity detection information receiving unit (11) is configured to receive an indication that an object (Ul) is in proximity with or touching a surface. The controller (14) is configured to perform a proximity process when the object is in proximity with the surface end the proximity process when the object is no longer in proximity with the surface and perform a touch process different than the proximity process when the object is touching the surface.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.948/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ANTICANCER PYRIDOPYRAZINES VIA THE INHIBITION OF FGFR KINASES

(51) International classification :C07D471/04,A61P35/00,A61K31/4985
(31) Priority Document No :1118656.6
(32) Priority Date :28/10/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052672
Filing Date :26/10/2012
(87) International Publication No :WO 2013/061080
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SAXTY Gordon
3)ANGIBAUD Patrick Ren
4)QUEROLLE Olivier Alexis Georges
5)PONCELET Virginie Sophie
6)ROUX Bruno
7)MEERPOEL Lieven

(57) Abstract :
The invention relates to new pyridopyrazine derivative compounds to pharmaceutical compositions comprising said compounds to processes for the preparation of said compounds and to the use of said compounds in the treatment of diseases e.g. cancer.

No. of Pages : 362 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1187/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : OVERHEAD BAR ASSEMBLY FOR LOAD BODY

(51) International classification	:H01H13/04, H01H9/02, H02G3/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)JAWED AHMAD KHAN
3)SONAL PRASAD
4)SOURABH KARMAKAR

(57) Abstract :
The present disclosure relates to a slidable overhead bar assembly (100) for load body (B) of a vehicle. The assembly (100) comprises, at least one bar (101a and 101b) of predetermined shape mounted above each side wall (102 and 103) of the load body (B), wherein said bars (101) are configured as guide rails. One or more sliding members (104) slidably disposed in the at least one bars (101a and 101b) mounted above each of the side walls (102 and 103). The assembly further comprises one or more overhead bars (105) connectable to at least one of the one or more sliding member (104) disposed in at least one bar (101a and 101b) mounted above each of the side walls (102 and 103), wherein each of the one or more overhead bars (105) are configured to be slided forward and backward in the bars (101a and 101b).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1189/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ECONOMISER

(51) International classification	:F25B1/00, F25B40/02, F25B7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)Pawar Rajkumar Sambhajirao

(57) Abstract :
An economiser of an HVAC system for a vehicle comprising; cylindrical tube member having an entry opening and an exit opening; tapered cylinder member is placed at a predetermined location within the cylindrical tube member wherein, tapered cylinder member has an inlet opening and an outlet opening; the inlet opening of the tapered cylinder member is configured in the vicinity of the entry opening of the cylindrical tube member for receiving a liquid vapour mixture from a condenser of the vehicle; outlet opening of the tapered cylinder member is configured in the vicinity of the exit opening of the cylindrical tube member for dispensing a liquid mixture into an expansion device of vehicle; plurality of baffle plates are fixed at predetermined location onto an inner wall surface of tapered cylinder member.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2013

(21) Application No.1306/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN IMPROVE EFFICIENCY OF AC ELECTRIC WATER PUMP

(51) International classification	:F22B1/28, H02H 7/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MANOJ RANGARAV MANE

(57) Abstract :
The improvement of efficiency of submersible electric water pump, construct direct current electric motor for submersible water pump. The permanent magnet22 is used to make rotor2, which is rotate in high speed more than three thousand revolution per minute. In the controller box5 contain controller circuit it is designed to control maximum current flow of winding3 and give brushless electronically commutation to three phase winding3 located in statorl. This submersible brushless direct current electric motor is powered by alternating current power source, the SCR (silicon control rectifier) three phase bridge rectifier used to give continuous direct current power to submersible motor in presence of all or any phase.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.950/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM FOR ENERGY PRODUCTION FROM RENEWABLE SOURCES

(51) International classification :F03D3/00,F03D9/00,F03D11/04
(31) Priority Document No :BG2011A000048
(32) Priority Date :25/11/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/002492
Filing Date :26/11/2012
(87) International Publication No:WO 2013/076573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARMA Paolo
3)GHIDESI Giancarlo

(57) Abstract :
A system for energy production from renewable sources comprising a support structure comprising a first and second pole (11) with a vertical axis wind generator (10) positioned on each of said poles; said first and second poles each comprising a connection element (29) positioned at their summit with a first seat for a first cable (24) and a second seat for a second cable (25); said first cable and said second cable being positioned mutually perpendicular; the ends of said first and second cables being fixed to the ground; said first and second poles (11) being each anchored to a post (12) fixed into the ground by means of a hinge (13); said wind generator (10) having a longitudinal central through hole to enable mounting on said pole and a lower and upper locking ring (9) associated with bearings (18) to enable said wind generator to rotate.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1132/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTACT MANAGEMENT IN A NETWORK

(51) International classification	:G06F21/00, H04L12/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BHAVIN TURAKHIA

(57) Abstract :
In various example embodiments, a system and method for managing contacts in a network are provided. In example embodiments, a value added by a user to a first contact in an address book of the user is detected. The first contact corresponds to an individual. A determination is made as to whether the value exists in a primary profile of the individual. Based on the value not existing in the primary profile, an assessment is made as to whether the individual previously deleted the value from the primary profile or the individual did not verify a previous notification for the same value. Based on the value not being previously deleted or not verified, a notification is provided to the individual that includes an option to verify the value.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1133/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMBINED ELECTRONIC CIRCUIT ARRANGEMENT FOR UNDER VOLTAGE RELEASE (UV), OVER VOLTAGE RELEASE (OV) AND EXTERNAL TRIP ARRANGEMENT/SHUNT RELEASE

(51) International classification	:H02H, H01H
(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

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2)YOGINI SAMRIT

(57) Abstract :
The present invention provides a combined electronic circuit arrangement for an under voltage release (Uv), an over voltage release (Ov), an external trip arrangement and a shunt release. The circuit having a plurality of diodes, a plurality of zener diodes, a plurality of resistors and a plurality of capacitors. The plurality of diodes is provide for rectification of electric current. The plurality of zener diodes is provide for allowing current to flow in the forward direction. The plurality of resistors implements electrical resistance. The electromagnetic relay detection and control of faults on electrical distribution lines. The plurality of capacitors is provide for storing to store energy in an electric field. The plurality of diodes, plurality of zener diodes, the Electromagnetic relay and the plurality of capacitors are electrically connected to selectively configure the under voltage release (Uv), the over voltage release (Ov), the external trip arrangement and a shunt release.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.953/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYNERGISTIC FUNGICIDAL AND INSECTICIDAL COMPOSITIONS COMPRISING A QUILLAY EXTRACT AND AN ACACIA NEGRA EXTRACT

(51) International classification :A01N65/20,A01N65/34,A01P7/04
(31) Priority Document No :61/576369
(32) Priority Date :16/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/075142
Filing Date :12/12/2012
(87) International Publication No :WO 2013/087658
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NITSCHE Jorge Pedro

(57) Abstract :
The present invention relates to synergistic fungicidal and insecticidal mixtures comprising at least a Quillay extract and an Acacia negra extract as defined in the description and to compositions comprising these mixtures.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.954/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR MANUFACTURING CATHODE ACTIVE MATERIAL CATHODE ACTIVE MATERIAL AND LITHIUM SECONDARY BATTERY INCLUDING SAME

(51) International classification	:H01M4/139,H01M4/48,H01M4/38
(31) Priority Document No	:10-2011-0108782
(32) Priority Date	:24/10/2011
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2012/008771 :24/10/2012
(87) International Publication No	:WO 2013/062313
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEE Mi Rim
2)LEE Yong Ju
3)KIM Je Young
4)JUNG Hye Ran

(57) Abstract :
The present invention relates to a method for manufacturing a cathode active material and a cathode active material obtained by the manufacturing method the method including the steps of: (S1) forming a cell unit which is a coating layer including a carbon material on a surface of a core unit including silicon oxide particles thereby manufacturing a core cell structured silicon oxide carbon composite; (S2) forming a silicon oxide lithium alloy by mixing and heat processing the silicon oxide carbon composite with lithium salt including oxygen thereby manufacturing a core cell structured (SiO Li) C ($0 < x < 1.5$ $0 < y < 4$) composite; and (S3) cleaning and drying the surface of the manufactured core cell structured (SiO Li) C composite. According to the method for manufacturing a cathode active material which is a core cell structured (SiO Li) C composite of the present invention since a coating layer of a carbon material is included on the surface of a silicon oxide core oxygen of lithium salt including the oxygen is prevented from being infiltrated into silicon oxide so that it is easy to control the proportion of oxygen in the silicon oxide. Also the cathode active material of the present invention is subjected to a process of removing a residual lithium source and a byproduct generated by a reaction between a lithium source and silicon oxide thereby preventing the slurry of the cathode active material from gelling. In addition the cathode active material of the core cell structured (SiO Li) C composite according to the manufacturing method of the present invention has a high capacity excellent lifetime characteristic and capability to control the thickness of swelling.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1148/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND SYSTEM FOR VALIDATING PERSONALIZED ACCOUNT IDENTIFIERS USING BIOMETRIC AUTHENTICATION AND SELF-LEARNING ALGORITHMS

(51) International classification :G06F7/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AGRAWAL, SACHIN KUMAR
2)GARG, SHALIN
3)VALLAT, SATHISH

(57) Abstract :
A system and method for biometric authentication of a user by virtue of a personalised identification and associated biometric data therewith is disclosed. A plurality of personalised identifiers and biometric data is captured from a number of users and stored in a repository as first set of recoids. The process of authentication is divided into two phases. In the first phase, either a speech recognition or character recognition process is applied in order to determine the text spoken or written by the user. Subsequently a few records are fetched from the repository on the basis of text mapping. In the second phase, biometric authentication is performed by comparing the biometric sample with the stored biometric data corresponding to the fetched records to uniquely identify a single user. Further a machine learning technique is applied in order to periodically refine a plurality of models stored in the repository.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2014

(21) Application No.934/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MITIGATING THE EFFECT OF A CHANGE IN SENSOR CALIBRATION PARAMETERS

(51) International classification :G01P21/00,G01D18/00,G01C25/00
(31) Priority Document No :61/565727
(32) Priority Date :01/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/066812
Filing Date :28/11/2012
(87) International Publication No :WO 2013/082127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CZOMPO Joseph

(57) Abstract :
The disclosure relates to mitigating the effect of a sudden change in sensor calibration parameters. An embodiment of the disclosure retrieves a current calibration parameter value for the sensor determines a new calibration parameter value for the sensor and generates transitional calibration parameter values based at least on the current calibration parameter value and the new calibration parameter value using an interpolation function configured to prevent a sudden change in the sensor calibration parameter values.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2014

(21) Application No.935/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MAP FUSION PROTEIN

(51) International classification :C12N15/62
(31) Priority Document No :1096/KOL/2011
(32) Priority Date :22/11/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/056583
Filing Date :21/11/2012
(87) International Publication No :WO 2013/076657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :159 CST Road Kalina Santacruz (East) State of Maharashtra India. Mumbai 400 098 India Maharashtra India
(72)**Name of Inventor :**
1)SALUNKHE Shardul
2)PADMANABHAN Sriram
3)KUMAR Jitendra

(57) Abstract :
The present invention relates in general to a process of production of recombinant heterologous proteins in E. coli expression system using E. coli Yeast fungi or mammalian methionine amino peptidase (MAP) protein as a fusion tag. Further the invention relates to the fusion proteins of MAP protein.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.981/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INFORMATION PROCESSING DEVICE SERVER DEVICE INFORMATION PROCESSING METHOD SERVER PROCESSING METHOD AND PROGRAM

(51) International classification :G06F21/64,G06F21/57
(31) Priority Document No :2011-279850
(32) Priority Date :21/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/007172
Filing Date :08/11/2012
(87) International Publication No :WO 2013/094110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :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)KITAHARA Jun
2)KITAZATO Naohisa

(57) Abstract :
To achieve improvement of the reliability of an application processed together with broadcast content. [Solution] An application controller of this information processing device acquires an application information table to which an electronic signature is attached and in which location information required for acquiring an application to process together with broadcast content has been stored in order to verify the electronic signature thereof. The application controller if the verification is successful allows acquiring the application on the basis of the location information.

No. of Pages : 76 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.982/MUMNP/2014 A
(43) Publication Date : 24/04/2015

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

(51) International classification :H04N5/232,G06T1/00
(31) Priority Document No :2011-266408
(32) Priority Date :06/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/076676
Filing Date :16/10/2012
(87) International Publication No :WO 2013/084593
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)KINOSHITA Masaya

(57) Abstract :
Candidate images that become candidates for a main subject are detected in each of a plurality of frames of image data. For the detected candidate images the degrees of stable presence in the image data over the plurality of frames are then obtained. Using the degrees of stable presence the main subject is determined among the candidate images.

No. of Pages : 120 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2014

(21) Application No.1480/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF HIGHLY PURE CATIONIC SURFACTANT PRODUCTS

(51) International classification :C07C231/02
(31) Priority Document No :3684/MUM/2011
(32) Priority Date :28/12/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/052238
Filing Date :04/05/2012
(87) International Publication No :WO 2013/098659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :902 N Avenue U Lubbock TX 79415,USA U.S.A.
(72)**Name of Inventor :**
1)MEHTA Dilip S
2)SHASTRI Mayank

(57) Abstract :
The present invention is related to synthesis of highly pure cationic surfactant products by eliminating or reducing impurities generation that has beset prior art. This is achieved through the N acylation of ester of amino acid and its inorganic salts or its organic salts (e.g. amino acid or hydrochloride of amino acid or sulfate of amino acid or acetate of amino acid etc.) in non hydro lytic or nearly non hydrolytic reaction conditions involving mono or biphasic reaction system with fatty acid halide (C to C) under moderate uniform basic condition yielding high purity N acyl substituted amino acid ester particularly ethyl lauroyl arginate. The present process achieves pH control through process strategy rather than the measurement and control steps. This ambient temperature process is stable through a range of temperature variation eliminating rigid low temperature control.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.942/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : UNIDERECTIONALLY ORIENTED FILMS COMPRISING THERMOPLASTIC POLYESTERS

(51) International classification :C08J5/18,B29C55/04,C08L67/02
(31) Priority Document No :11 009 909.0
(32) Priority Date :16/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/005136
Filing Date :13/12/2012
(87) International Publication No :WO 2013/087200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)STARLINGER & CO. GMBH
(72)**Name of Inventor :**
1)BASHIR Zahir
2)LOHMEIJER Johannes Hubertus
3)FRST Herbert
4)KRAUS Robert

(57) Abstract :
The invention relates to an unidirectionally oriented film comprising a thermoplastic polyester and a polycarbonate. The unidirectionally oriented film may further comprise an anti blocking agent and/or a slip agent. Depending on its width the films of the invention may be used for food packaging; it may be used for strapping cartons boxes pallets textile bales; and it may be used for woven tape fabric. The fabric woven from films of the invention may be used for making sacks flexible intermediate bulk containers hot fill jumbo bags for materials such as bitumen PVC coated fabrics for flex signage carpet backing geo textiles geogrids metallised fabrics and self reinforced composites.

No. of Pages : 66 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.943/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LIQUID COMPOSITION FOR CLEANING OF HEAD SURFACES

(51) International classification :C11D3/10
(31) Priority Document No :PCT/CN2011/002010
(32) Priority Date :01/12/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/084669
Filing Date :15/11/2012
(87) International Publication No :WO 2013/078949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CAO Jian
3)FAWCETT Vicky Marie
4)MA Shouwei
5)PELAN Edward George
6)STOYANOV Simeon Dobrev
7)ZHOU Weizheng
8)ZHOU Huan Jun

(57) Abstract :
A liquid composition for cleaning of hard surfaces is provided. The composition combines good abrasive strength with little damage to the surface to be cleaned. The liquid composition comprises surfactant and a particulate calcium carbonate abrasive composed of acicular particles at a concentration from 2 to 40% based on the total weight of the composition.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.988/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : QUINOLINES AS FGFR KINASE MODULATORS

(51) International classification :C07D215/38,C07D401/04,C07D401/14
(31) Priority Document No :1118652.5
(32) Priority Date :28/10/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052666
Filing Date :26/10/2012
(87) International Publication No :WO 2013/061074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BERDINI Valerio
2)ANGIBAUD Patrick Ren
3)WOODHEAD Steven John
4)SAXTY Gordon

(57) Abstract :
The invention relates to new quinoline derivative compounds of formula (I) to pharmaceutical compositions comprising said compounds to processes for the preparation of said compounds and to the use of said compounds in the treatment of diseases e.g. cancer. Formula (I)

No. of Pages : 228 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.989/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESSING OF BIOMASS MATERIALS

(51) International classification :C12P7/10,C12P19/14
(31) Priority Document No :61/579550
(32) Priority Date :22/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071091
Filing Date :20/12/2012
(87) International Publication No :WO 2013/096698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MASTERMAN Thomas
3)YOSHIDA Aiichiro
4)MOON YEE FUNG Jennifer
5)LYNCH James

(57) Abstract :
Provided are methods of inducing enzymes and for treating cellulosic and lignocellulosic biomass with the enzyme.

No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.944/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRANSMISSION DEVICE TRANSMISSION METHOD RECEPTION DEVICE AND RECEPTION METHOD

(51) International classification :H04N13/00,H04N21/234
(31) Priority Document No :2012-215284
(32) Priority Date :27/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/073588
Filing Date :02/09/2013
(87) International Publication No :WO 2014/050447
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TSUKAGOSHI Ikuo

(57) Abstract :
In order to satisfactorily perform image display on the receiver side when 3D image data and 2D image data are transmitted from a transmitter to a receiver in a time division manner image data is acquired by an image data acquisition unit and the image data is transmitted to an external device by a transmission unit. When the image data is image data relating to a plurality of views for example a left eye view and a right eye view which constitute a three dimensional image the transmission unit transmits the image data relating to each of the views in a three dimensional image transmission format. Also when the image data is two dimensional image data the transmission unit transmits the image data in the same three dimensional image transmission format.

No. of Pages : 155 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.945/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : KNEE REVISION PROSTHESIS WITH PROGRESSIVE RESTRAINT

(51) International classification :A61F2/32
(31) Priority Document No :13/296220
(32) Priority Date :14/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065121
Filing Date :14/11/2012
(87) International Publication No :WO 2013/074700
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHAH Asit
2)PERINE Corey

(57) Abstract :
A knee revision prosthesis that provides decreasing valgus varus and medial lateral restraint as the knee rotates from extension to flexion and then increasing restraint as the knee rotates from flexion to full extension. The prosthesis includes a femoral component and a tibial component. The femoral component includes a guide box fixed to the femoral mounting surfaces intermediate the condyles. The tibial component includes a central post fixed intermediate the tibial concavities which articulates within the guide box and constrains rotational movement of the femoral and tibial components relative to one another in the coronal plane and transverse planes. The post and guide box are constructed and arranged to provide progressively decreasing and then progressively increasing rotational constraint of the femoral component in the coronal and transverse planes as the femoral component rotates in the sagittal plane between full extension to a position in flexion and then back to full flexion respectively.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.994/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BIOMASS PROCESSING

(51) International classification :C12P7/16
(31) Priority Document No :61/579552
(32) Priority Date :22/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071097
Filing Date :20/12/2012
(87) International Publication No :WO 2013/096703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas
3)FINN Michael

(57) Abstract :
Fructose e.g. fructose derived from a cellulosic or lignocellulosic material is used e.g. fermented to produce a product e.g. a solvent.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.995/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD OF CONTROLLING POWER DELIVERY TO A SURGICAL INSTRUMENT

(51) International classification :A61B18/04
(31) Priority Document No :61/567603
(32) Priority Date :06/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/068027
Filing Date :05/12/2012
(87) International Publication No :WO 2013/086045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOMAIN SURGICAL INC.
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(72)**Name of Inventor :**
1)DENIS Scott
2)MANWARING Kim
3)EGGERS Phil
4)MANWARING Preston

(57) Abstract :
A thermal surgical instrument having a system to control the delivery of power from an energy source to active element located on a tip. The system for controlling delivery to the tip may include a control algorithm which uses on or more measurements such as tip current SWR and rapid changes in reflected power to manage power without affecting cutting efficacy and in a manner that may be imperceptible by a surgeon. The system may utilize a state machine to determine the current environment in which the tip may be in. Power delivered to the tip may be selectively managed according to a fixed power index or a repeatedly executed power profile.

No. of Pages : 56 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.951/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BIDENS PILOSA AND POLYACETYLENIC COMPOUNDS FOR PREVENTION AND TREATMENT OF COCCIDIOSIS

(51) International classification :A61K36/00,A01N25/08
(31) Priority Document No :100141367
(32) Priority Date :14/11/2011
(33) Name of priority country :Taiwan
(86) International Application No :PCT/US2012/062322
Filing Date :27/10/2012
(87) International Publication No :WO 2013/074273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YANG Wen Chin
2)CHANG Lee Tian

(57) Abstract :
A composition for use in prevention inhibition and/or treatment of coccidiosis in an animal is disclosed. The composition comprises an effective amount of Bidens pilosa an active constituent thereof or an active compound isolated therefrom. In another aspect a composition for use in preventing and/or treating coccidiosis and/or enhancing growth in an animal is disclosed the composition comprising an animal feed and an effective amount of Bidens pilosa or an isolated active constituent comprising a polyacetylenic compound.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014
(21) Application No.997/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : VERMIN SCREEN STOPPER AND SLIDING WINDOW HAVING THE SAME

(51) International classification :E06B9/52,E06B9/06
(31) Priority Document No :1020110125632
(32) Priority Date :29/11/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/010224
Filing Date :29/11/2012
(87) International Publication No :WO 2013/081389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)JI Chang Hyeon

(57) Abstract :
Disclosed therein is a vermin screen stopper and a sliding window having the same. The vermin screen stopper which is caught to an upper profile (211) of a frame (210) of a vermin screen (200) having a retaining groove (211a) longitudinally formed at the central portion in a cross section includes: a seating portion (310) protruding downwardly in such a way as to be caught to the retaining groove (211a) and having a first face member (311) a second face member (312) and a third face member (313) bent integrally in order; a retaining jaw locking portion (320) connected to the third face member (313) the retaining jaw locking portion (320) protruding upwardly and having a fourth face member (321) and a fifth face member (322) bent integrally in order wherein the seating portion (310) and the retaining jaw locking portion (320) form a cross section of a shape of ; and a tension member (330) joined to the inner face of the fourth face member (321). The vermin screen stopper can be installed easily without conversion of the existing vermin screen because it can be applied to the existing vermin screen. The vermin screen stopper and the sliding window having the same can prevent the vermin screen from being easily lifted due to a worker s mistake or a user s mistake when a typhoon or strong wind blows because the upper end portion of the installed vermin screen is elastically supported to the screen insertion groove so as to prevent a serious accident due to a drop of the vermin screen.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.998/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : P N DIODE HAVING A CONTROLLED HETEROSTRUCTURE SELF POSITIONED ON HGCDTE FOR INFRARED IMAGERS

(51) International classification :H01L31/103,H01L31/18
(31) Priority Document No :1103617
(32) Priority Date :28/11/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/073629
Filing Date :26/11/2012
(87) International Publication No :WO 2013/079446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMMISSARIAT L‰NERGIE ATOMIQUE ET AUX ‰NERGIES ALTERNATIVES
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(72)**Name of Inventor :**
1)MOLLARD Laurent
2)BAIER Nicolas
3)ROTHMAN Johan

(57) Abstract :
The invention relates to a device comprising at least one p n diode having a heterostructure including an HgCdTe substrate that comprises for each diode: a first portion (4) having a first cadmium concentration; a concentrated portion (11) having a second cadmium concentration greater than the first concentration thereby forming a heterostructure with the first portion (4); and a p+ doped area (9) located in the concentrated portion (11) and extending into the first portion thereby forming a p n junction (10) with an n doped portion of the first portion (4) referred to as a sole plate (1) characterized in that the concentrated portion (11) is located only in the p+ doped area (9) and forms a casing (12) having a given cadmium concentration.

No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014
(21) Application No.967/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO LAPAROSCOPIC INSTRUMENTS

(51) International classification :B03C3/68,A61B18/00
(31) Priority Document No :1119134.3
(32) Priority Date :07/11/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052707
Filing Date :31/10/2012
(87) International Publication No :WO 2013/068724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASALUS MEDICAL INSTRUMENTS LIMITED
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(72)**Name of Inventor :**
1)AMOAH Francis Kweku Egyin

(57) Abstract :
A DC driven ionisation apparatus is provided for ionising a local atmosphere in which a corporeal surgical or cosmetic procedure is to be performed the ionisation apparatus including a safety circuit comprising detector means for detecting when a hazard condition exists such as a short circuit or high charge level condition a circuit controller for actuating switch means to turn the DC supply off and thereafter to cyclically reconnect and disconnect the DC supply until the hazard condition has been rectified and re set means for thereafter re setting a continuous DC supply to the circuit until the next occurrence of a hazard condition or until the procedure is complete.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2013

(21) Application No.1167/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A TWO SPEED MECHANICAL POWER TRANSMISSION DEVICE

(51) International classification :F03D1/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA MOTORS LIMITED
Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(72)**Name of Inventor :**
1)SURESH ARIKAPUDI
2)PRASAD NAIR
3)ILANGO PANNEERSELVAN

(57) Abstract :
The present disclosure relates to a power transmission device, more particularly relates to a driver pulley assembly for power transmission. The driver pulley assembly (7), comprising a first pulley (6) having a first diameter; a second pulley (1) having a second diameter, wherein both the first pulley (6) and the second pulley (1) are independently rotatably and co-axially mounted on a shaft (4); a dead weight assembly (2), configured to slidably mount inside the second pulley (1); and an engaging mechanism (20) mounted slidably on the shaft (4), and connected to the dead weight assembly (2), wherein the engaging mechanism (20) selectively engage and disengage with the first pulley (6) due to sliding movement of the deadweight assembly (2) inside the second pulley (1), wherein the sliding movement of the deadweight is due to rotating speed of the shaft (4).

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2014

(21) Application No.978/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING USEFUL CHEMICAL SUBSTANCE FROM TEREPHTHALIC ACID POTASSIUM SALT

(51) International classification :C12P7/42,C12N15/09,C08J11/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/051854
Filing Date :27/01/2012
(87) International Publication No :WO 2013/111332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NUKUI Noriyuki
2)KOMAKI Maki
3)NISHIZAWA Akito
4)NISHI Tatsunari

(57) Abstract :
When a terephthalic acid salt which contains potassium in an amount of 0.5 to 2 times inclusive the total amount of all of terephthalic acid moieties contained in the terephthalic acid salt in terms of molar content is used as a raw material it becomes possible to produce TPA DHD using a microorganism capable of expressing terephthalate 1 2 dioxygenase. In addition it also becomes possible to convert TPA DHD into protocatechuic acid with TPA DHD dehydrogenase and convert protocatechuic acid into gallic acid with para hydroxybenzoate hydroxylase. A wasted polyester can be depolymerized with high efficiency by heating the polyester in an ethylene glycol or 1 butanol solvent containing potassium hydroxide thereby preparing potassium terephthalate that can be used suitably for the production of a chemical substance with a microorganism.

No. of Pages : 111 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2014

(21) Application No.979/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FLUID INJECTION SYSTEM FOR MEDICAL USE IN THE VASCULAR SYSTEM OF A PATIENT

(51) International classification :A61M5/00,A61B5/00,A61M5/142
(31) Priority Document No :P201131956
(32) Priority Date :02/12/2011
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2012/000296
Filing Date :28/11/2012
(87) International Publication No :WO 2013/079743
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COSTOVICI Nicolas Anthony
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(72)**Name of Inventor :**
1)COSTOVICI Nicolas Anthony

(57) Abstract :
The invention relates to a system which can be used for injecting liquids as well as gases and includes at least: one pipe for inputting gas into the system with a device controlling the pressure of the input gas; a gas injection device provided with a means for adjusting a flow of gas to be supplied to a patient at a predetermined pressure and with at least one flow sensor that determines the exact amount of gas supplied to said patient; a kit for administering gas to the patient; and at least one catheter or needle that can be connected to said administration kit and to the patient with a bleed device arranged between the administration kit and the injection device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2014
(21) Application No.973/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : GESTURE CONTROLLED AUDIO USER INTERFACE

(51) International classification :G06F3/01,G06F3/16,G06F1/16
(31) Priority Document No :61/577489
(32) Priority Date :19/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063077
Filing Date :01/11/2012
(87) International Publication No :WO 2013/095783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)XIANG Pei
2)NELSON Hui ya Liao

(57) Abstract :
A user interface methods and article of manufacture each for selecting an audio cue presented in three dimensional (3D) space are disclosed. The audio cues are audibly perceivable in a space about a user where each of the audio cues may be perceived by the user as a directional sound at a distinct location from other audio cues in the space. Selection of a specific audio cue is made based on one or more user gestures. A portable electronic device may be configured to present the audio cues perceived by a user and detect certain user gestures to select audio cues. The audio cue selection can be used to control operation of the portable device and/or other associated devices.

No. of Pages : 42 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2014

(21) Application No.974/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR MODIFYING A PREDETERMINED TARGET NUCLEIC ACID SEQUENCE

(51) International classification :A61K31/7105,A61K31/711,A61K31/7115
(31) Priority Document No :61/576 423
(32) Priority Date :16/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/050528
Filing Date :16/12/2012
(87) International Publication No :WO 2013/088446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TARGETGENE BIOTECHNOLOGIES LTD
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(72)**Name of Inventor :**
1)SHIBOLETH Yoel Moshe
2)WEINTHAL Dan Michael

(57) Abstract :
Provided herein are compositions and methods for modifying a predetermined nucleic acid sequence. A programmable nucleoprotein molecular complex containing a polypeptide moiety and a specificity conferring nucleic acid (SCNA) which assembles in vivo in a target cell and is capable of interacting with the predetermined target nucleic acid sequence is provided. The programmable nucleoprotein molecular complex is capable of specifically modifying and/or editing a target site within the target nucleic acid sequence and/or modifying the function of the target nucleic acid sequence.

No. of Pages : 223 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2014

(21) Application No.1486/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : QUINAZOLINONE DERIVATIVES AS HCV INHIBITORS

(51) International classification :C07D403/14,C07D491/113,A61K31/517
(31) Priority Document No :11195841.9
(32) Priority Date :28/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/076942
Filing Date :27/12/2012
(87) International Publication No :WO 2013/098320
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JANSSEN R&D IRELAND
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(72)**Name of Inventor :**
1)VANDYCK Koen
2)RABOISSON Pierre Jean Marie Bernard

(57) Abstract :
Inhibitors of HCV replication of formula (I) including stereochemically isomeric forms salts and solvates thereof wherein R and R have the meaning as defined herein. The present invention also relates to processes for preparing said compounds pharmaceutical compositions containing them and their use alone or in combination with other HCV inhibitors in HCV therapy.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2014

(21) Application No.936/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DRUG CARRIER WITH CHELATING COMPOSITE MICELL AND USE THEREOF

(51) International classification :A61K9/107,A61K9/51,A61K47/48
(31) Priority Document No :61/562,663
(32) Priority Date :22/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2012/001126
Filing Date :23/08/2012
(87) International Publication No :WO 2013/075394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ORIGINAL BIOMEDICALS CO. LTD.
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(72)**Name of Inventor :**
1)WANG Chau Hui
2)CHEN Chia Hung
3)LIN Johnson
4)CHEN Jing Yi
5)LIAO Wei Chuan

(57) Abstract :
Provided is a chelating composite micell to be used in a drug carrier and the chelating composite micell of the present invention can bond to drugs without damaging or changing their structure and extend the half life of the drugs in the human body.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.980/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMAGING DEVICE COLOUR CORRECTION METHOD AND COLOUR CORRECTION PROGRAM

(51) International classification :H04N9/04,H04N101/00
(31) Priority Document No :2011-264959
(32) Priority Date :02/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/079390
Filing Date :13/11/2012
(87) International Publication No :WO 2013/080785
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAIFU Keita
2)MATSUI Yasuhiro
3)CHINO Noriko
4)NAKABAYASHI Kiyotaka
5)MYOJIN Tomoya
6)SUZUKI Junya
7)YUAN Manli

(57) Abstract :
An imaging device is provided with: a photochromatic element for controlling the intensity of incident imaging light; an imaging element for acquiring an imaging signal on the basis of the imaging light output from the photochromatic element; and a colour correction processing part for performing colour correction with respect to the imaging signal obtained by the imaging element on the basis of information relating to the intensity of the imaging light output from the photochromatic element. The colour correction processing part performs colour correction in such a way that the colour balance value in the imaging signal becomes roughly uniform without being dependent on the intensity of the imaging light output from the photochromatic element.

No. of Pages : 50 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2014
(21) Application No.975/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR A WIRELESS VASCULAR PRESSURE MEASUREMENT DEVICE

(51) International classification :A61B5/0215,A61B5/1473
(31) Priority Document No :61/554227
(32) Priority Date :01/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062777
Filing Date :31/10/2012
(87) International Publication No :WO 2013/066992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TEO Tat Jin

(57) Abstract :
A vascular measuring system includes an elongated sleeve configured to be delivered over a standard guide wire configured to be threaded into a vascular pathway of the human and includes sensor(s) coupled to the sleeve. The sensor(s) measure physiological parameter(s) of the human. Alternatively the sensor(s) may be located at the end a guide wire without a sleeve. The system may include a connector coupled to the sleeve or guide wire and receives the measured parameter(s) from the sensor(s) and display the result of processed parameter(s).

No. of Pages : 27 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2014

(21) Application No.976/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF STEROL DERIVATIVES

(51) International classification :C07J75/00
(31) Priority Document No :11306548.6
(32) Priority Date :24/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/073489
Filing Date :23/11/2012
(87) International Publication No :WO 2013/076257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)POIROT Marc
2)PAILLASSE Micha«l
3)DE MEDINA Philippe
4)POIROT Sandrine

(57) Abstract :
The present invention relates to a process for the preparation of sterol derivatives comprising the reaction of an a epoxy compound with an amine in an alcohol comprising 3 to 5 carbon atoms as a solvent.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.992/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESSING BIOMASS

(51) International classification :C12P19/24
(31) Priority Document No :61/579552
(32) Priority Date :22/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071093
Filing Date :20/12/2012
(87) International Publication No :WO 2013/096700
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas
3)FINN Michael

(57) Abstract :
Provided herein are methods of increasing the efficiency of biomass saccharification. In particular the methods include ways of avoiding feedback inhibition during the production of useful products.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.993/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PRODUCTION OF SUGAR AND ALCOHOL FROM BIOMASS

(51) International classification :C12P7/00
(31) Priority Document No :61/579576
(32) Priority Date :22/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071083
Filing Date :20/12/2012
(87) International Publication No :WO 2013/096693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)MOON Jaewoong
4)YOSHIDA Aiichiro

(57) Abstract :
The processes disclosed herein include saccharifying cellulosic and/or lignocellulosic biomass and fermenting the sugars to produce a sugar alcohol.

No. of Pages : 52 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.949/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

(51) International classification :G01N33/53
(31) Priority Document No :61/562829
(32) Priority Date :22/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/066152
Filing Date :20/11/2012
(87) International Publication No :WO 2013/078253
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANDERBERG Joseph
2)GRAY Jeff
3)MCPHERSON Paul
4)NAKAMURA Kevin
5)KAMPF James Patrick

(57) Abstract :
The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using a one or more assays configured to detect a kidney injury marker selected from the group consisting of Stanniocalcin 1 Antithrombin III Toll like receptor 2 Triiodothyronine (T3) Thyroxine (T4) Extracellular matrix protein 1 Coagulation factor XIII A chain Coagulation factor XIII B chain Interleukin 17F Interleukin 22 Vitronectin Progesterone Estradiol Growth/differentiation factor 15 and Proprotein convertase subtilisin/kexin type 9 as diagnostic and prognostic biomarkers in renal injuries.

No. of Pages : 206 No. of Claims : 120

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.990/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESSING BIOMASS

(51) International classification :C12P7/10,C12P19/14,C12M1/00
(31) Priority Document No :61/579550
(32) Priority Date :22/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071092
Filing Date :20/12/2012
(87) International Publication No :WO 2013/096699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MEDOFF Marshall
2)MASTERMAN Thomas
3)LYNCH James

(57) Abstract :
Provided herein are methods for processing biomass materials that are disposed in one or more structures or carriers e.g. a bag a shell a net a membrane a mesh or any combination of these. Containing the material in this manner allows it to be readily added or removed at any point and in any sequence during processing.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.991/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESSING BIOMASS FOR USE IN FUEL CELLS

(51) International classification :C12P19/02,C12P19/04
(31) Priority Document No :61/579568
(32) Priority Date :22/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/070624
Filing Date :19/12/2012
(87) International Publication No :WO 2013/096452
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MEDOFF Marshall
2)MASTERMAN Thomas Craig

(57) Abstract :
Biomass (e.g. plant biomass animal biomass and municipal waste biomass) is processed to produce a carbohydrate solution that can be used in a fuel cell e.g. a direct glucose fuel cell.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1160/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A STABLE AMORPHOUS GATIFLOXACIN

(51) International classification	:A61K31/496, A61K47/32, A61K9/08, A61P31
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)Chandratre, Ajinkya
3)Yadav, Sushil Kumar
4)Farooqui, Ismail
5)Rai, Vikas Chandra
6)Naithani, Pankaj Kumar
7)Merwade, Arvind Yekanathsa
8)Deo, Keshav

(57) Abstract :
The present invention provides a stable amorphous Gatifloxacin and process for preparation. Further, it provides stable pharmaceutical compositions of amorphous Gatifloxacin along with other pharmaceutically acceptable excipient.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014
(21) Application No.940/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND DEVICE FOR INTRA PREDICTION OF VIDEO

(51) International classification :H04N7/34
(31) Priority Document No :61/552692
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/008938
Filing Date :29/10/2012
(87) International Publication No :WO 2013/062389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEE Tammy
2)CHEN Jianle

(57) Abstract :
Disclosed are a method and a device for intra prediction of a video. The method for intra prediction of a video: determines the availability of a predetermined number of peripheral pixels which are used for intra prediction of a current block; searches for an available second peripheral pixel by searching for the predetermined number of the peripheral pixels in a predetermined direction on the basis of an unavailable first peripheral pixel if the unavailable first peripheral pixel exists; and replaces a pixel value of the first peripheral pixel with a pixel value of the searched second peripheral pixel. The invention performs a replacement step using peripheral pixels which are immediately adjacent in the predetermined direction relative to an unavailable third peripheral pixel at a different position except for the first peripheral pixel at the predetermined position.

No. of Pages : 95 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.986/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ANTICANCER BENZOPYRAZINES VIA THE INHIBITION OF FGFR KINASES

(51) International classification :C07D241/42,C07D241/44,C07D401/04
(31) Priority Document No :1118654.1
(32) Priority Date :28/10/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052673
Filing Date :26/10/2012
(87) International Publication No :WO 2013/061081
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)BERDINI Valerio
4)SAXTY Gordon
5)BESONG Gilbert Ebai
6)MEERPOEL Lieven
7)QUEROLLE Olivier Alexis Georges
8)PONCELET Virginie Sophie

(57) Abstract :
The invention relates to new quinoxaline derivative compounds to pharmaceutical compositions comprising said compounds to processes for the preparation of said compounds and to the use of said compounds in the treatment of diseases e.g. cancer.

No. of Pages : 294 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.987/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NEW COMPOUNDS

(51) International classification :C07D471/04,A61K31/4745,A61P35/00
(31) Priority Document No :1118675.6
(32) Priority Date :28/10/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052669
Filing Date :26/10/2012
(87) International Publication No :WO 2013/061077
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OBRINGER Michel
3)MARIN Julien Jrmie Joseph
4)JEANTY Matthieu

(57) Abstract :
The invention relates to new naphthyridine derivative compounds to pharmaceutical compositions comprising said compounds to processes for the preparation of said compounds and to the use of said compounds in the treatment of diseases e.g. cancer.

No. of Pages : 225 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1165/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BUTADIENE POLYMERIZATION INHIBITION COMPOSITION AND ITS METHOD OF USE

(51) International classification	:C07C11/167, C07C7/05, C07C7/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUBRAMANIYAM, Mahesh

(57) Abstract :
The present invention relates to additive composition and method of use thereof for controlling and inhibition of polymerization and dimerization of aliphatic monomers including butadiene comprising A) one or more of first component selected from a group comprising a) quinone methide (QM), b) quinone methide (QM) derivative including ester derivative of quinone methide, c) nitroxide (i.e. nitroxyl) compounds, and d) mixture thereof; characterized in that the composition further comprises B) one or more of second component selected from amines or polyamines, wherein the amine and polyamine is selected from a group comprising i) oxide treated tertiary amines, ii) hydroxyl alkyl tertiary amines, iii) polyether amines, and iv) mixture thereof. In one embodiment, the present invention also relates to a method for controlling and inhibiting polymerization and dimerization of aliphatic monomers including butadiene by employing the presently provided compositions, and in another embodiment, the present invention relates to a method of preparation of the presently provided compositions.

No. of Pages : 25 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014
(21) Application No.996/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SEASONAL ENERGY STORAGE COOLING AND HEATING SYSTEM

(51) International classification :F25B30/00
(31) Priority Document No :201110381778.8
(32) Priority Date :25/11/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/083696
Filing Date :29/10/2012
(87) International Publication No :WO 2013/075572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHEN Yilong
2)HU Shuchuan

(57) Abstract :
A seasonal energy storage cooling and heating system comprises an energy storage device (1) a solar collecting device (2) a cooling device (3) and a water supply device (4) in closed loop connection with a user terminal (5). The energy storage device (1) at least comprises a heat source energy storage pool (11) and a cold source energy storage pool (12) the heat source energy storage pool (11) and the cold source energy storage pool (12) being connected to a water source through water pumps (706 701); the water supply device (4) comprises a hot water supply pool (41) connected to the heat source energy storage pool (11) and a cold water supply pool (42) connected to the cold source energy storage pool (12); the solar collecting device (2) is connected to the heat source energy storage pool (11) and the hot water supply pool (41) through water pumps (707 705) respectively; the cooling device (3) is connected to the hot water supply pool (41) and the cold water supply pool (42) through multiple water pumps respectively and is in closed loop connection with the user terminal (5). The system is applicable to various buildings for cooling and heating and more particularly to hot summer and cold winter zones thereby achieving a significant energy saving effect.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2013

(21) Application No.1168/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN AUTOMOBILE ENVIRONMENT MANAGEMENT SYSTEM AND A METHOD THEREOF

(51) International classification	:F24D19/10, F24F11/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)SAGAR SAHEBRAO TIKAR
2)RAJENDRA YADAORAO KHODE

(57) Abstract :
The present disclosure relates to automobile environment management system for a vehicle having a plurality of power windows and a method thereof. The system comprises at least a relay unit coupled with a sensor for determining ON mode of a HVAC unit and configured to receive a positive signal indicative of the ON mode from the sensor and thereafter generate a trigger signal for enabling closing of the plurality of power windows. The power window controller is configured to enable express closing of the plurality of power windows upon receipt of the trigger signal from the relay unit. Further, the relay unit is coupled with a temperature sensor for detecting high temperature inside the passenger cabin and activates the HVAC unit upon detection. Furthermore, the relay unit is configured to restrict closing operation of the windows if any obstacle is detected in the path of the power window glass during the express up operation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2013

(21) Application No.1169/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A SYSTEM FOR SELF ALIGNING THE VEHICLE WHEELS AUTOMATICALLY DURING PARKING

(51) International classification	:B62D15/00, B62D6/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MANOJ WALKIKAR
3)THUKARAM SHETTY
4)SUNIL KHACHANE

(57) Abstract :
The present disclosure provides a system for centre alignment of wheels of a vehicle. The system comprises a control unit configured to detect locking of the vehicle. A steering wheel angle sensor interfaced with the control unit to determine whether the steering shaft is in steered position. A motor coupled to a steering mechanism of the vehicle is interfaced with the control unit to rotate the steering mechanism for centre alignment of wheels when locking of the vehicle and steered position of the steering shaft is detected.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.958/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WORKING PLATFORM FOR AN OFFSHORE WIND ENERGY PLANT AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :E04G7/30,F03D1/00,F03D11/04
(31) Priority Document No :11186413.8
(32) Priority Date :24/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/071015
Filing Date :24/10/2012
(87) International Publication No :WO 2013/060703
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KRAMER Thomas
2)GENNRICH Michael

(57) Abstract :
Working platform (6) and offshore wind energy plant (2) comprising a working platform (6) wherein the working platform (6) is configured to be mounted to an outside wall (16) of the tower (4) of the offshore wind energy plant (2) by help of welded joints.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.959/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ANHYDROUS ANTIPERSPIRANT COMPOSITIONS

(51) International classification :A61K8/19,A61K8/20,A61K8/26
(31) Priority Document No :11192968.3
(32) Priority Date :12/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/072627
Filing Date :14/11/2012
(87) International Publication No:WO 2013/087333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
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(72)**Name of Inventor :**
1)BELLAMY Graham Lee

(57) Abstract :
An antiperspirant composition comprising a suspension of from 1 to 50% of an aluminium and/or zirconium containing antiperspirant active a carrier substance in which the antiperspirant active is insoluble and a poly(ethylene glycol) solution of a polyelectrolyte salt comprising sodium potassium magnesium calcium chloride and bromide ions the weight ratio of sodium to the other named cations being less than 3:2 and the weight ratio of the bromide to chloride anion being greater than 1:99 in said solution.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.999/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR TREATING HEPATITIS C VIRUS INFECTION USING QUERCETIN CONTAINING COMPOSITIONS

(51) International classification :A61K31/495,A61K31/375,A61K31/519
(31) Priority Document No :13/303467
(32) Priority Date :23/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/066027
Filing Date :20/11/2012
(87) International Publication No :WO 2013/078184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LINES Thomas Christian

(57) Abstract :
A method for treating hepatitis C virus infection with a composition containing quercetin together with one or more of vitamin B3 vitamin C a folate compound. Also disclosed is a method for treating conditions associated with an elevated level of heat shock proteins including liver cancer using the above mentioned composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2013

(21) Application No.1451/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SOLAR CUM ELECTRIC ENERGY ENHANCER

(51) International classification	:H01L31/052, H01L31/04, F24J2/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHETH MAHESH R.

(57) Abstract :
First Law of thermodynamic is the energy can neither be created. not be destroyed But.it can be transferred from one need to another head is prooven. This invention prooves nothing is impossible if work is done on proper direction. This invention prooves Three phase electric energy can be generated from single phase This invention prooves that three phase power can be generated from single phase power single phase power supply & can be enhanced rather say can be produced higher then power supplied less. or say low Input & get more out put.

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.955/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMMUNOGENIC TREATMENT OF CANCER

(51) International classification :A61K35/74,A61P35/00
(31) Priority Document No :1120779.2
(32) Priority Date :02/12/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052992
Filing Date :03/12/2012
(87) International Publication No :WO 2013/079980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MUDAN Satvinder
3)GRANGE John

(57) Abstract :
The present invention provides an immunomodulator for use in the treatment and/or control of a neoplastic disease in a patient intended to undergo immunogenic cell death therapy simultaneously separately or sequentially with administration of the immunomodulator. The therapy can be selected from microwave irradiation targeted radiotherapy embolisation cryotherapy ultrasound high intensity focused ultrasound cyberknife hyperthermia radiofrequency ablation cryoablation electrotome heating hot water injection alcohol injection embolization radiation exposure photodynamic therapy laser beam irradiation and combinations thereof.

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.956/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : RETROFIT OF A RECIPROCATING COMPRESSOR WITH A CONCENTRIC VALVE

(51) International classification :F16K15/08
(31) Priority Document No :13/293927
(32) Priority Date :10/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057265
Filing Date :26/09/2012
(87) International Publication No :WO 2013/070330
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TERWELP Kevin Wayne

(57) Abstract :
A first valve head is selected for removal from a piston cylinder. The first valve head has been configured to house at least a one way intake valve assembly in an intake chamber of the head and at least a one way exhaust valve assembly in an exhaust chamber of the head. The intake and exhaust chambers are sealed off from each other. The first valve head is removed from the piston cylinder. A second valve head is selected. A bottom of the second valve head is removably coupled to the piston cylinder. A concentric two way valve is seated within the second valve head. The concentric valve is secured within said second valve head with a valve clamp having a top cover. The top cover is removably coupled to the second valve head.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2013

(21) Application No.1197/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BUTTERFLY TYPE EXHALATION VALVE

(51) International classification :A61M16/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAHESH KUDAV

(57) Abstract :
The invention relates to a butterfly type exhalation valve. The said butterfly valve comprises a bottom valve body of geometric shape viz. Cylindrical/oval shape with a boss at one end provided with smooth surface at other end to form a valve seat for mounting a butterfly type diaphragm. A support means (19, 22) provided at centre of internal diameter with two are more sector openings forming exhalation slots (16). A solid pin (20) forming fulcrum for said diaphragm provided in the centre of the said support. One or more locking grooves (23) provided to the outer vertical surface of said bottom valve body. A cap/lid means having rigid top provided with a hollow pin(5), at centre, in the inner side to enable to engage to (1) said solid pin of said valve body when mounted over the bottom valve body after locating said diaphragm to the said solid pin. One more slots (4) on the side surface just below the said top of said cap/lid provided for passage to exhalation air. One or more internal locking grooves (7) provided to inner surface of said cap/lid to engage with matching locking grooves of said bottom body. A circular rib (3) provided at bottom of cap/lid matching with the said boss of bottom valve body.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2013

(21) Application No.1199/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HPDC ALUMINIUM CYLINDER BLOCK FOR ENGINE

(51) International classification	:F02F1/02, F02F1/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BOITA DHANANJAYA RAO
2)SIVANANTHAN MANI
3)RAMASAMY VELUSAMY

(57) Abstract :
Light weight and compact HPDC aluminium cylinder block for the engine comprises of internal bypass galleries, waviness on water jacket, uneven liner insert thickness and a deflector plate wherein internal bypass for coolant is routed to water pump from cylinder block itself by providing a cast passage from cylinder block water jacket return line to water pump suction side and helps in reaching early warm up which in turn benefits in achieving lower fuel consumption along with improved thermal reliability of the engine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.3161/MUM/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR TRADING EXCHANGE TRADED PRODUCTS

(51) International classification :G06Q40/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GENELIA DESHMUKH
(72)**Name of Inventor :**
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2)GENELIA DESHMUKH

(57) Abstract :
Accordingly it is a principle object of the present invention to overcome the disadvantages and limitations of prior art methods and systems and provide a method and system for product value discovery and trading the same as exchange traded products, constituted in accordance with the principles of the present invention which will be a regularity structure, wherein Paired / Split mutual fund units may be created out of the same structure which is open ended. It is yet another object of the present invention to provide simultaneous issuance / redemption of all classes of units / shares for payoff.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2014
(21) Application No.970/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FISCHER TROPSCH SYNTHESIS COBALT NANO CATALYST BASED ON POROUS MATERIAL CONFINEMENT AND PREPARATION METHOD THEREFOR

(51) International classification :B01J21/04,B01J21/08,B01J37/00
(31) Priority Document No :201110378794.1
(32) Priority Date :24/11/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/083091
Filing Date :17/10/2012
(87) International Publication No :WO 2013/075559
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FANG Zhangjian
2)CHEN Yilong
3)ZHANG Yanfeng
4)ZHAN Xiaodong
5)XUE Yongjie
6)TAO Leiming

(57) Abstract :
The present invention provides a Fischer Tropsch synthesis cobalt nano catalyst based on porous material confinement and a preparation method therefor. The catalyst of the present invention uses organogel as a template and is prepared by means of a sol gel method; metal components are used as the core and the porous material is used as the shell. The metal components comprise a first metal component Co; a second metal component being one of Ce La and Zr and a third metal component being one of Pt Ru Rh and Re. In a finished catalyst the first metal component accounts for 10% 35% by weight the second metal component accounts for 0.5% to 10% by weight the third metal component accounts for 0.02% to 2% by weight and the rest is a carrier. The carrier is the porous material and is spherical and the component thereof is nano silica or alumina. The pore diameter of the porous material is 1 20 nm the surface area is 300 500 m/g and the particle size of the active component is 0.5 20 nm. The core shell structure cobalt porous catalyst of the present invention has the advantages of low methane selectivity high catalysis reactivity and good C selectivity and the main products of the present invention are diesel oil and paraffin.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.1207/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD OF OPERATING AN AIR CONDITIONING (AC) SYSTEM OF A VEHICLE

(51) International classification	:F04B39/02, B60H1/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA MOTORS LIMITED
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1)SANTOSH DNYANESHWAR LATANE
2)PRASANNA VYANKATESH NAGARHALLI
3)SAMBHAJI KESHAW JAYBHAY

(57) Abstract :
The present disclosure is related to an Air Conditioning (AC) system of a vehicle. In order to avoid seizure/ failure of an AC compressor when the AC compressor is activated after a long duration, the control unit configured in the AC system activates the AC compressor relay for a predetermined time interval when the engine is idling. Therefore, at high engine speeds, the AC compressor can operate safely. If the AC compressor is activated after a long duration and if the vehicle is in operation, the control unit waits till the engine speed falls within a safe band range to activate the AC compressor for a second predetermined time interval. The compressor is activated for a predetermined number of times to provide sufficient lubrication to the internal parts of the AC compressor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013
(21) Application No.1574/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PATENTABILITY DETERMINATION

(51) International classification	:G06F17/30, G06Q50/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
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(72)**Name of Inventor :**
1)SINHA, Arnab

(57) Abstract :
The present subject matter discloses systems and methods for patentability determination of an inventive idea in an organization. In one implementation, the method for patentability determination in the organization comprises receiving high-level functionalities and granular-level functionalities of the inventive idea at a patentability determination system (102) from an end user. Next, the end user provides importance-level inputs for each of the granular-level functionalities at the patentability determination system (102). The method further comprises receiving matching-level inputs for each of the granular-level functionalities against prior art documents at the patentability determination system (102) from a plurality of evaluators. Based on the importance-level inputs and the matching-level inputs, an overall patentability index value of the granular-level functionalities is calculated. The overall patentability index value of the granular-level functionalities is then compared with a predetermined threshold to determine patentability of the inventive idea.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.960/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF DEVULCANIZING A CROSS LINKED ELASTOMERIC MATERIAL

(51) International classification :C08J11/18,C08C19/08
(31) Priority Document No :13/304509
(32) Priority Date :25/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/001063
Filing Date :19/11/2012
(87) International Publication No :WO 2013/075216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)FISHER James F.

(57) Abstract :
A thermoset cross linked elastomer material such as scrap tire rubber is devulcanized by subjecting the material to a mechanical mixing process in the presence of 0.5 to 2% by wt. of an organic catalyst having a thiol terminus.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.1144/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FIBER REINFORCED PLASTIC FENCING SYSTEM

(51) International classification	:E04H12/22, E04H12/34, E04H17/08, E04H17
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. PUSHPENDRA KUMAR
2)SURESH KUMAR DEWRI
3)VIJAY SINGH MANDLOI

(57) Abstract :
A fiberglass reinforced plastic fencing system for protecting an onshore reservoir is disclosed. The fencing system comprises a plurality of fiberglass vertical posts (10) embedded in concrete footings positioned below ground level; a plurality of fiberglass horizontal channel sections (12) connected to the vertical posts by stainless steel fasteners at regular intervals; a plurality of fiberglass supporting members (14) connected to the horizontal channel sections by stainless steel fasteners at regular intervals, and a plurality of fiberglass inclined sections (16) connected to a top-side of the vertical posts by stainless steel fasteners to prevent horizontal deflection.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013
(21) Application No.1145/MUM/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MICROFINANCE OVER SOCIAL NETWORK

(51) International classification	:G06Q10/00, G06Q30/00, G06Q40/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEVKAR, SUJIT
2)DOKE, PANKAJ H
3)LOBO, SYLVAN
4)SUNKA, PRAVEEN RAMULU
5)KIMBAHUNE, SANJAY M
6)RAZA, RAMIZ

(57) Abstract :
Disclosed is a method and system for facilitating microfinance based on social credibility rating of an individual in the social network. The disclosure presents a relationship between microfinance value, acceptable error rate and size of the interacting social circle. It captures various social factors and personality traits of an individual to provide microfinance to a person, and further ensures return on investment based on current market value of money.

No. of Pages : 36 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.964/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FIELD OF VIEW TRAFFIC SIGNAL PREEMPTION

(51) International classification :G08G1/087
(31) Priority Document No :13/487773
(32) Priority Date :04/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/042865
Filing Date :28/05/2013
(87) International Publication No :WO 2013/184438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EICHHORST Kevin Clare

(57) Abstract :
Approaches for issuing preemption requests. The boundaries of a geo window are repeatedly determined based on locations and headings of a vehicle as the vehicle is traveling along a roadway. The methods and systems determine whether or not any one of a plurality of intersections is located within the boundaries of the geo window in response to changed boundaries of the geo window. In response to determining that one of the plurality of intersections is located within the boundaries of the geo window a preemption request is transmitted from the vehicle to an intersection controller at the one of the plurality of intersections.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.965/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR STABILIZING BACTERIAL CONTENT OF AQUEOUS GROUND NATURAL CALCIUM CARBONATE AND/OR PRECIPITATED CALCIUM CARBONATE AND/OR DOLOMITE AND/OR SURFACE REACTED CALCIUM CARBONATE COMPRISING MINERAL PREPARATIONS

(51) International classification :A01N33/04,A01N35/02,A01N43/80
(31) Priority Document No :11190704.4
(32) Priority Date :25/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/073333
Filing Date :22/11/2012
(87) International Publication No :WO 2013/076188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DI MAIUTA Nicola
2)SCHWARZENTRUBER Patrick

(57) Abstract :
This invention discloses a process for stabilising an aqueous mineral preparation comprising a step of adding at least one aldehyde containing and/or aldehyde releasing and/or phenolic and/or isothiazoline biocide to said aqueous mineral preparation.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.968/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A LIQUID ENZYME FORMULATION AND A PROCESS FOR ITS PREPARATION

(51) International classification :C12N9/10
(31) Priority Document No :20116074
(32) Priority Date :01/11/2011
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2012/051048
Filing Date :31/10/2012
(87) International Publication No :WO 2013/064736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Meijeritie 6 FI 00370 Helsinki Finland Finland
(72)**Name of Inventor :**
1)RAJAKARI Kirsi
2)HOTAKAINEN Kai
3)MYLL„RINEN Pivi

(57) Abstract :
The present invention relates to a liquid enzyme formulation particularly to a liquid and stable formulation comprising a crosslinking enzyme and/or an enzyme modifying milk proteins. Particularly the present invention relates a liquid and stable transglutaminase formulation. In addition the present invention relates to a method for preparing a liquid enzyme formulation.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014
(21) Application No.969/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF TRANSMITTING AN OPTICAL DATA SIGNAL

(51) International classification :H04B10/25
(31) Priority Document No :2012157134
(32) Priority Date :27/12/2012
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2013/000690
Filing Date :08/08/2013
(87) International Publication No :WO 2014/104928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SERGEEV Sergey Nikolaevich

(57) Abstract :
This invention relates to fiber optic communication engineering and can be used in fiber optic communication systems for creating several independent communication channels.

No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.961/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : HAIR COLOUR COMPOSITION

(51) International classification :A61K8/22,A61K8/49,A61Q5/06
(31) Priority Document No :11192189.6
(32) Priority Date :06/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/074204
Filing Date :03/12/2012
(87) International Publication No:WO 2013/083510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BHOGAL Ranjit Kaur
2)CASEY John
3)HUNTER Karl John

(57) Abstract :
The invention relates to a hair colour composition in particular a hair colour composition comprising a flavonoid a catalyst consisting of iron (II) or cobalt (II) complexed to a non proteinaceous heterocyclic macrocycle ligand composed of pyrrole or pyrroline subunits and either a hydrogen peroxide generator or 0.0001 to less than 1.5 % w/w hydrogen peroxide. The flavonoid is selected from the group consisting of flavones isoflavones flavans isoflavans flavanones flavonols flavan 3 ols dihydroflavonol flavanonols proanthocyanidins aurones chalcones dihydrochalcones flavonolignans and derivatives thereof wherein the hair colour composition has a pH of 4.5 to 8.0 preferably 5.5 to 7.5.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.962/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR TREATING HIGH STRENGTH FABRIC TO BE WATER REPELLENT

(51) International classification :D06B15/04,D06M13/348,D03D15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/KR2011/010130
Filing Date :27/12/2011
(87) International Publication No :WO 2013/100214
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HAN In Sik

(57) Abstract :
The present invention relates to a method for treating high strength fabric to be water repellent in which high strength fabric is dipped into a water repelling compound and impregnated with the water repelling compound and then the portion of the water repelling compound impregnating the high strength fabric is picked up by an air suction machine before drying and heating. According to the present invention since it is possible to uniformly pick up the portion of the water repelling compound impregnating the high strength fabric in the dipping process water repelling performance and particularly water repellency after exposure to friction in addition to initial water repellency may be improved and wrinkles formed in the high strength fabric during the process of treating same to be water repellent may be effectively prevented. The high strength fabric treated to be water repellent has no wrinkles the flexibility thereof increases in order to improve wear feel and the deterioration of bulletproof properties while being used for body armor caused by the absorption of water is prevented due to increased water repellence.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2014

(21) Application No.963/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BOTTLE INCLUDING A HOLLOW REMOVABLE CLOSURE

(51) International classification :B65D47/20,B65D1/02,B65D39/04
(31) Priority Document No :13/289484
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063548
Filing Date :05/11/2012
(87) International Publication No :WO 2013/067494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HERBST Andrew F.

(57) Abstract :
A bottle including a hollow removable closure. The bottle can include a base portion enclosing a substantially hollow interior the base portion including a mouth in fluid communication with the interior a removable closure enclosing a substantially hollow reservoir the removable closure including an opening in fluid communication with the reservoir and a stopper removably sealing the opening wherein a portion of the closure is receivable within the mouth of the base portion such that the opening of the closure is received through the mouth and a liquid tight seal is formed between the base portion and a portion of the closure.

No. of Pages : 15 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2014

(21) Application No.939/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : FLEXIBLE DISPLAY APPARATUS AND METHOD OF PROVIDING USER INTERFACE BY USING THE SAME

(51) International classification :G06F3/048,G06F3/14
(31) Priority Document No :1020110122398
(32) Priority Date :22/11/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/007436
Filing Date :18/09/2012
(87) International Publication No :WO 2013/077537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KWAK Ji yeon
2)KANG Kyung a
3)KIM Hyun jin
4)SEO Joon kyu

(57) Abstract :
A flexible display apparatus and a method of displaying a User Interface (UI) are provided. The flexible display apparatus includes an exposed area determining unit for determining an exposed screen area facing outwards with respect to the flexible display apparatus; a User Interface (UI) generating unit for generating a UI corresponding to the outwardly facing exposed screen area; and a display unit for displaying the generated UI on the outwardly facing exposed screen area.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.984/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COLLABORATIVE GROUP COMMUNICATION METHOD INVOLVING A CONTEXT AWARE CALL JOCKEY

(51) International classification :H04L12/18
(31) Priority Document No :13/313435
(32) Priority Date :07/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/068374
Filing Date :07/12/2012
(87) International Publication No :WO 2013/086275
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOEL Amit
2)SHUMAN Mohammed Ataur R.

(57) Abstract :
A system and method comprises establishing a group communication session between a first participant and a second participant. The method may include a dynamic point of control entity within the communication session. The dynamic point of control entity may be designated to operate in different roles and may have access to information regarding the conduct and participants of the call session and also have control authority required in order to execute the designated role.

No. of Pages : 115 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2014

(21) Application No.985/MUMNP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AUTOMATED USER/SENSOR LOCATION RECOGNITION TO CUSTOMIZE AUDIO PERFORMANCE IN A DISTRIBUTED MULTI SENSOR ENVIRONMENT

(51) International classification :H04S7/00,H04R1/32,H04R3/12
(31) Priority Document No :61/577483
(32) Priority Date :19/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/067874
Filing Date :05/12/2012
(87) International Publication No :WO 2013/095920
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KIM Lae Hoon
2)XIANG Pei
3)VISSER Erik

(57) Abstract :
A wireless device is provided that makes use of other nearby audio transducer devices to generate a surround sound effect for a targeted user. To do this the wireless device first ascertains whether there are any nearby external microphones and/or loudspeaker devices. An internal microphone for the wireless device and any other nearby external microphones may be used to ascertain a location of the desired/targeted user as well as the nearby loudspeaker devices. This information is then used to generate a surround sound effect for the desired/targeted user by having the wireless device steer audio signals to its internal loudspeakers and/or the nearby external loudspeaker devices.

No. of Pages : 58 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2013

(21) Application No.4613/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : OSHO SAKTH-II

(51) International classification :F03B17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)B.A. SAKTHI MANNAN

(57) Abstract :
I have identified the ways to bring the static energy to equilibrium and then manage the same to operate any load by moving the equilibrium to positive or negative range. There is absolutely no doubt that this invention will become unavoidable in the future. This device works on: Load created by the Gravitational force on an object Atmospheric Pressure created within a Vacuum chamber Upward thrust of a liquid

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2013
(21) Application No.4617/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATING BUILD DEPLOYMENT AND TESTING PROCESSES

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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PRABAKARAN KARUPPIAH
2)JOHN WILSON RAJ PERIANAYAGAM

(57) Abstract :
A system and computer-implemented method for automating build deployment and testing processes related to development of software is provided. The system comprises a user interface configured to facilitate users to provide input parameters for build deployment and testing. The system further comprises a build manager configured to facilitate deploying code if the users provide the input parameters related to build deployment. Further, the system comprises a scheduler configured to schedule execution of test scripts for testing the code based on the input parameters. Furthermore, the system comprises a run manager configured to assign the test scripts to testing machines for execution based on execution schedule, monitor execution status of the test scripts and send the execution status to test management systems and the users via communication channels. In addition, the system comprises a reporting module configured to generate reports related to build deployment and test scripts execution.

No. of Pages : 54 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.4706/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : 5- AZACYTIDINE LYOPHILIZED FORMULATION

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHIVAKUMAR, PRADEEP
2)DASARI, NAGARAJU
3)KISHORE, RAVI
4)AHMED, RIZWAN
5)CHATURVEDI, AKSHAY KANT

(57) Abstract :
The present invention provides a stable lyophilized composition comprising 5-Azacytidine Form I, and process for preparing thereof. The present invention provides a stable lyophilized composition comprising 5-Azacytidine Form I, and the methods of using a stable lyophilized composition comprising Crystalline 5-Azacytidine Form I for parenteral administration, provided herein to treat diseases or disorders including, e.g., cancer, disorders related to abnormal cell proliferation, hematologic disorders, or immune disorders, among others. In certain embodiments, the pharmaceutical compositions of 5-azacytidine which are parenterally administered to subjects in need thereof to treat a cancer or a hematological disorder, such as, for example, Myelodysplastic syndromes (MDS), acute myelogenous leukemia (AML).

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.4707/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : Method and system of cell selection for a handover during coexistence of LTE FDD/TDD networks

(51) International classification :H04W36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Samsung India Software Operations Pvt Ltd
Address of Applicant :Bagmane Lakeview, Block B, No. 66/1, Bagmane Tech Park, CV Raman Nagar, Byrasandra, Bangalore Karnataka India
(72)**Name of Inventor :**
1)Neha Sharma
2)Venkata Ratnakar Rao Rayavarapu
3)Fasil Abdul Latheef

(57) Abstract :
A method and system for performing a cell selection in case of a handover during co-existence of LTE TDD/FDD networks is provided. The method includes receiving a handover message from a network along with a target cell for the handover. The method includes scanning for primary target cells, upon a failure in detecting the target cell by the User Equipment. The method includes storing the detected primary target cells in a measurement database by the UE. The UE initiates scanning on the stored primary target cells in the measurement database for performing the cell selection during the handover. Further, the UE after the performing the cell selection, sends the re-establishment request message along with the measurement database to the network.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2013

(21) Application No.2121/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPLEX FLOCCULANT WATER-TREATING SOLUTION AND APPARATUS AND METHOD FOR TREATING WATER BY USING SUCH SOLUTION

(51) International classification	:C02F 1/00	(71)**Name of Applicant :**
(31) Priority Document No	:2012-111087	**1)HITACHI LTD**
(32) Priority Date	:15/05/2012	Address of Applicant :6-6 MARUNOUCHI 1-CHOME CHIYODA-KU TOKYO Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)SATOSHI ISHII**
Filing Date	:NA	**2)HIROSHI SASAKI**
(87) International Publication No	: NA	**3)KOTARO KITAMURA**
(61) Patent of Addition to Application Number	:NA	**4)SHINICHI YOSHIKAWA**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A complex flocculant water-treating solution essentially consists of two types or more of flocculants {including an inorganic flocculant and an organic flocculant) for removing impurities from feed water (1). A water treatment apparatus (100) includes a water intake section (101) that introduces the feed water (1) including impurities, a flocculating section (102) that adds a complex flocculant water-treating solution stored in a flocculant tank into the feed water (1), and a flocculate removing section (103) that removes flocculate formed in the feed water {1} due to addition of the complex flocculant water-treating solution.:

No. of Pages : 48 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.4639/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SULFOXIDATION CATALYSTS AND METHODS OF THEIR PREPARATION AND USE

(51) International classification :C07C303/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Indian Institute of Technology Madras
Address of Applicant :Chennai 600036, Tamil Nadu, India
Tamil Nadu India
(72)**Name of Inventor :**
1)CHAND, Dillip Kumar
2)CHAKRAVARTHY, Rajan Deepan

(57) Abstract :
Methods and compositions of catalysts for sulfoxidation reactions are disclosed. The sulfoxidation reaction can be performed in an aqueous medium, and the catalysts can be recycled for further use. In some embodiments, a method of making a catalyst may include contacting a transition metal compound with an oxidizing agent to form a first solution, contacting a carboxylic acid compound with a cationic surfactant to form a second solution, mixing the first solution and the second solution to form a precipitate, and isolating the precipitate.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.4725/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A DEVICE TO DETECT SPEED AND POSITION OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :H04M1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERT BOSCH GMBH
(72)**Name of Inventor :**
1)RANGEGOWDA Santhosh Kumara Geakaravally

(57) Abstract :
Disclosed herein is a device to detect speed and position of an internal combustion engine. The device comprises a piston 100 and a crank shaft 102. A transmission mechanism 104 connects the crank shaft 102 and a cam shaft 106. The device is characterized in that a tone wheel 108 is mounted on the cam shaft 106 and a measuring element 110.The tone wheel 108 has at least one segment comprising at least one missing tooth, the missing tooth defines at least one position of the internal combustion engine.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.4726/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD OF DETERMINING SPEED OF THE INTERNAL COMBUSTION ENGINE

(51) International classification :G01M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)SORATUR Prashant

(57) Abstract :
A method of determining speed of an internal combustion engine is disclosed. The method comprises the following steps: receiving signals from a engine speed sensor assembly associated with a crank wheel of the internal combustion engine represented as step 12 in the flow chart; recording in an electronic control unit said received engine speed sensor information represented as step 14 in the flow chart; and determining average speed of the internal combustion engine based on the recorded samples of signals represented as step 16 in the flow chart. The average speed is determined on completion of every 720 degrees of rotation of the crank wheel.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.4727/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A FUEL INJECTION PUMP

(51) International classification :F02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)KAMARAJ Bala Sakthivel
2)NAGARAJAIAH Shashikanth
3)DIAFERIA Antonio
4)ANANTHAPADMANABHAIAH Nagesh

(57) Abstract :
Disclosed herein is a fuel injection pump, the fuel injection pump comprises a piston and housing. The housing has an inlet and accommodates the piston. The fuel injection pump is characterized in that a circumferential groove 108 is provided at the inner diameter of the housing 104 at the region where the inlet 106 interfaces with the housing 104.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013
(21) Application No.1159/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROTOR MANUFACTURING APPARATUS, ROTOR MANUFACTURING METHOD, AND PERMANENT-MAGNET POSITIONING METHOD

(51) International classification :H02K
(31) Priority Document No :2012-062148
(32) Priority Date :19/03/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YASUFUMI KUROIWA
2)KANTA YAMAGUCHI

(57) Abstract :
Provided is a rotor manufacturing apparatus that appropriately positions permanent magnets even in a small rotor while keeping costs low. The rotor manufacturing apparatus includes a pusher and multiple blades. The pusher presses multiple magnets that are temporarily attached to a rotor core and arranged side by side in a circumferential direction of the rotor core from an outer side in a radial direction of the rotor core. The multiple blades are individually inserted into gaps between the magnets pressed by the pusher.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2012

(21) Application No.3778/CHE/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DOUBLE MUTANT COAGULATION FACTOR VIII AND METHODS THEROF

(51) International classification :C07K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CHRISTIAN MEDICAL COLLEGE
(72)**Name of Inventor :**
1)BILGIMOL C. JOSEPH
2)SATHEESHKUMAR P. K.
3)VIJAYALAKSHMI M. A.

(57) Abstract :
The present disclosure is in the field of haemophilia therapeutics, particularly recombinant Factor VIII protein products. The present disclosure relates to a double mutant B-domain deleted Factor VIII gene having mutations at Phe309Ser and Asp519Val respectively. The disclosure also relates to the production of double mutant B-domain deleted Factor VTII protein having mutations at Phe309Ser and Asp519Val respectively. The said protein shows enhanced activity and stability and therefore is used in the management of haemophilia.

No. of Pages : 78 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.4635/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF 2,5 - FURANDICARBOXYLIC ACID

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KONDURI SRINIVASA KRISHNA MURTHY
2)THOOTA SANDEEP KUMAR
3)MUDDASANI PULLA REDDY
4)ADIBHATLA KALI SATYA BHUJANGA RAO
5)NANNAPANENI VENKAIAH CHOWDARY

(57) Abstract :
The present invention relates to a novel process for the preparation of 2,5-furandicarboxylic acid of formula- (1). (FDCA) (1)

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.4733/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR MOBILE DEVICE LOCATION IDENTIFIER

(51) International classification :H04W
(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

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(72)**Name of Inventor :**
1)Swetha N
2)Abhishek Roy
3)Arjan Bhandari
4)Rohit Agarwal
5)Shivam Sagar

(57) Abstract :
According to an aspect of the present disclosure, present location of a mobile device is extracted which adds to the tracking thereof. According to another aspect of the present disclosure, an embodiment is proposed to communicate and extract the location information from the mobile device comprising a GSM module, a microcontroller, a computer with interface and I/O devices. According to another aspect of the present disclosure GSM module is made use to communicate with the mobile device. According to another aspect of the present disclosure, a secured access is ensured to the embodiment using the concept of speech recognition where a spoken word in the database is used as a password. According to another aspect of the present disclosure, an application is developed and installed on the mobile device that collects the location information from the device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.4734/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR PREVENTION OF DRUNKEN DRIVING

(51) International classification :H04L
(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

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1)Siddaganga Institute of Technology,An Institution of Sree Siddaganga Education Society
Address of Applicant :B.H Road, Tumkur - 572 103, Karnataka, India.
(72)**Name of Inventor :**
1)B N Shashikala
2)Guru Prasad A
3)Jeevith H
4)Karthik M
5)Kishan Chand T R

(57) Abstract :
According to an aspect of the present disclosure, alcohol sensor is configured in a vehicle to sense the alcohol content of the driver. The metal sensor is used along with alcohol sensor to detect the presence of key inside the vehicle. Also, whenever, metal sensor, alcohol sensor senses the key and the alcohol, a microcontroller displays a message on a screen. According to another aspect of the present disclosure, when alcohol content is detected, the microcontroller turns OFF the vehicle ignition. Also, the buzzer is turned ON, to alert the driver. According to the yet another aspect to the present disclosure, the GPS module is used as a receiver to locate the position of the vehicle. On the other hand, the GSM modem sends a message to a set of pre-specified contacts. According to yet another aspect of the present invention, the microcontroller turns ON the fore indicator, back indicator, parking lights etc.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.1247/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SWITCH COVER SWITCH DEVICE AND ENDOSCOPE

(51) International classification :A61B1/00,G02B23/24
(31) Priority Document No :2012090227
(32) Priority Date :11/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/060727
Filing Date :09/04/2013
(87) International Publication No :WO 2013/154106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOSHINO Yuki

(57) Abstract :
A switch cover (50) is configured so as to have: a first deformable section (53) which is interconnected with the flat surface (52a) of a tube shaped section (52) disposed so as to surround a switch section (41) and which is deformed by external stress; a second deformable section (54) which is interconnected with the curved surface (52b) of the tube shaped section (52) and which is deformed by external stress; and a stress transmission section (55) which is interconnected with the first and second deformable sections (53 54) and which when the first deformable section (53) is deformed to the inside of the tube shaped section (52) by external stress transmits stress to the switch section (41) the stress having a component perpendicular to the outer surface of an operation section body (23).

No. of Pages : 94 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.1248/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS FOR MAKING TERTIARY AMINOALCOHOL COMPOUNDS

(51) International classification	:C07C45/55,C07C47/04,C07C201/12
(31) Priority Document No	:61/509937
(32) Priority Date	:20/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/046855 :16/07/2012
(87) International Publication No	:WO 2013/012777
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)ANGUS CHEMIE GMBH
(72)**Name of Inventor :**
1)MOORE David W.
2)SPIEKER Christian
3)GUMMRE John D.

(57) Abstract :
A process for making a tertiary aminoalcohol compound is disclosed. The process comprises using an excess amount of a carbonyl compound in a condensation step between the carbonyl compound and a nitroalkane in the presence of a catalytic amount of a tertiary aminoalcohol compound and conducting a hydrogenation/alkylation step to produce the tertiary aminoalcohol. The tertiary aminoalcohol compound used to catalyze the condensation step is preferably the same tertiary aminoalcohol compound produced in the hydrogenation/alkylation step. The process uses fewer steps than conventional processes.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.1299/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ALIPHATIC POLYCARBONATES FOR USE IN POLYURETHANES

(51) International classification :C08L69/00
(31) Priority Document No :61/511543
(32) Priority Date :25/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047967
Filing Date :24/07/2012
(87) International Publication No :WO 2013/016331
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ALLEN Scott D.
2)WILLKOMM Wayne R.

(57) Abstract :
The present invention encompasses polyurethane compositions comprising aliphatic polycarbonate chains. In one aspect the present invention encompasses polyurethane foams thermoplastics and elastomers derived from aliphatic polycarbonate polyols and polyisocyanates wherein the polyol chains contain a primary repeating unit having a structure:Formule (I) In another aspect the invention provides articles comprising the inventive foam and elastomer compositions as well as methods of making such compositions.

No. of Pages : 123 No. of Claims : 105

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4757/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPATION OF (3S,5R)-5-((1H-1,2,4-TRIAZOL-1YL)METHYL)-5-(2,4-DIFLUOROPHENYL)TETRAHYDROFURAN-3-YL)METHYL-4-METHYLBENZENESULFONATE

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SRINIVASAN THIRUMALAI RAJAN
2)MARAMREDDY SAHADEVA REDDY

(57) Abstract :
The present invention relates to an improved process for the preparation of ((3S,5R)-5-((lH-l,2,4-triazol-l-yl)methyl)-5-(2,4-difluorophenyl)tetrahydrofuran-3-yl) methyl-4-methyl benzene sulfonate compound of formula-1 through novel intermediates.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4758/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SLIDING SHEET WIND/RIVER POWER PROJECT

(51) International classification :F03D
(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

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(72)**Name of Inventor :**
1)BIRBAL KUSHWAHA
2)RAJBALI KUSHAWAHA

(57) Abstract :
Sliding sheet wind / river power project is the one option to generate electricity as well as pump the water. The river project can be used to control the flood also. The invention is based on renewable energy resources without more disturbances the nature. Hence the invention is definitely so useful to make the friendly ecosystem.

No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4759/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A PRINTABLE MEDIA WITH SELF ADHERING PRINTABLE COMPOSITIONS

(51) International classification :B41M5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PAL, ABHIK
2)ANIKET
3)JEFFREY OWEN EMSLANDER
4)TALWAR, SACHIN

(57) Abstract :
The present invention relates to a printable media containing a self adhering printable compositions for digital printing and prepared by coating of the self adhering printable composition on an untreated nonwoven substrate. The printable medium of the present invention has excellent ink receptivity (printability) on a variety of ink-jet and other printing platforms and is ideally suited to be used as signage banners, commercial hoardings etc.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2013

(21) Application No.4507/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CONTROLLER OF AC MOTOR

(51) International classification :H02p
(31) Priority Document No :2012-243949
(32) Priority Date :05/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AKIRA YAMAZAKI
2)HIDEAKI IURA

(57) Abstract :
A controller of an AC motor includes a d-axis voltage command section to generate a d-axis voltage command on a d axis of a d-q coordinate system. A d-axis non-interactive control section removes, from the d-axis voltage command, an interference component resulting from a current on a q axis of the system. A first current deviation arithmetic section obtains a deviation between a current command on the q axis and the current on the q axis flowing through the AC motor. A q-axis integral control section outputs an integral value of the deviation. A q-axis voltage command section generates a q-axis voltage command based on the deviation. A constant output control section outputs a correction voltage command based on the integral value. A d-axis voltage command correction section subtracts the correction voltage command from the d-axis voltage command after non-interactive control to correct the d-axis voltage command.

No. of Pages : 47 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.4674/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LIFE GURAD

(51) International classification :H04M1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YOKESH TAMILVANAN
3)DINESH ARUMUGAM
(72)**Name of Inventor :**
1)SURENDRANATH SRINIVASAN
2)YOKESH TAMILVANAN
3)DINESH ARUMUGAM

(57) Abstract :
Life Guard Automation detection and awareness of various user status has become a focal point of mobile computing research. Every year innumerable road accidents and deaths take place due to distracted driving. One of the key causes of road accidents is the use of cell phones while driving. Despite concrete laws and penalty levied on breaking road rules, the number of accidents on Indian roads is increasing every day. In fact, with latest figures 1, 05,000 annual deaths due to road accidents, India has overtaken china. With the aim of preventing road accidents due to mobile phone usage of while driving, we designed a new product it helps to block the incoming call and outgoing call with some delay. The main advantage of this product is the user can know the person who have called you, it suitable for all vehicles.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4767/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD OF REDUCING SMOKE EMISSION IN A DIESEL ENGINE

(51) International classification :F02D41/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Bosch Limited
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2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)SEETHARAM Abhijith

(57) Abstract :
A method of reducing smoke emission in a diesel engine is disclosed. The method includes retrieving a lambda value that corresponds to an engine operating condition. The method is further characterized by altering the lambda value such that altered lambda value maintains smoke emission within a smoke limit value and Nox emission within a Nox limit value, calculating fresh air mass based on altered lambda value, and determining percentage opening of an exhaust gas re-circulation (EGR) valve based on calculated fresh air mass.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013
(21) Application No.4768/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPARATUS FOR EFFICIENT LOOSENING OF SOIL

(51) International classification :A01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Robert Bosch GmbH
(72)**Name of Inventor :**
1)RAO Krishna
2)KANNARI Venu Madhava

(57) Abstract :
According to an aspect of the present disclosure, a soil loosening device comprises a first shaft and a second shaft. According to another aspect of the present disclosure, the first shaft comprises first set of crow-bar blades configured to rotate in first direction and the second shaft comprises second set of crow-bar blades configured to rotate in second direction. According to yet another aspect of the present disclosure, the soil loosening device comprises a powering unit adapted to rotate a force first shaft and the second shaft. According to yet another aspect of the present disclosure, the rotation of the first shaft and the second shaft causes the first set of crow bar blades to dig the soil in first direction and the second set of crow bar blades to dig soil in second direction and moves the device in a resultant direction.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.1294/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING POLYURETHANES

(51) International classification :C08G18/40,C08G18/48,C08G18/50
(31) Priority Document No :11178492.2
(32) Priority Date :23/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066156
Filing Date :20/08/2012
(87) International Publication No :WO 2013/026809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BASF SE
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(72)**Name of Inventor :**
1)EMGE Andreas
2)SCHTTE Markus
3)HOLTZE Christian

(57) Abstract :
The subject matter of the invention is a method for producing polyurethanes by reaction of a) polyisocyanates with b) compounds having at least two hydrogen atoms reactive with isocyanate groups characterized in that the component b) contains at least one filler containing polyol b1) and at least one thixotropic agent bii).

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.4663/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROTATING ELECTRICAL MACHINE AND MANUFACTURING METHOD OF ROTOR

(51) International classification	:H02K
(31) Priority Document No	:2013-085005
(32) Priority Date	:15/04/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JUN KOJIMA
2)KIYOMI INOUE
3)KENSUK NAKAZONO
4)YOSHIAKI KAMEI

(57) Abstract :
A rotating electrical machine (1) comprises a stator (2) and a rotor (3) including a rotor iron core (20) in which a permanent magnet (21) is disposed. The rotor iron core (20) comprises a connection part (20A) configured to surround a rotational axis (10), a plurality of magnetic pole parts (20B) provided in an outer portion than the connection part (20A) in a radial direction, a first gap (20b) configured to penetrate along an axial direction between the magnetic pole parts (20B) in an outer portion than the connection part (20A) in the radial direction and in which the permanent magnet (21) is fixed with adhesive, and a second gap (20c; 20e; 20f; 20g) for injection of the adhesive, at least one of the second gaps being provided for each of the first gaps (20b) in communication with the first gap (20b).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4754/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A MICRONUTRIENT COMPOSITION FOR TURMERIC AND A PROCESS FOR ITS PREPARATION

(51) International classification :C05D9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAGHAVAN DINESH
3)SRAMBIKKAL HAMZA

(57) Abstract :
The present disclosure relates to a micronutrient composition for supplying essential nutrients and promoting growth in turmeric plants comprising a potassium component in an amount ranging from 0.02% to 0.05%; a magnesium component in an amount ranging from 0.005% to 0.01%; a zinc component in an amount ranging from 0.02% to 0.035%; a boron component in an amount ranging from 0.015% to 0.035%; and a pH regulator in an amount ranging from 0.001% to 0.002%. The present disclosure also relates to a process for the preparation of the micronutrient composition. The present disclosure further relates to a process for applying the micronutrient composition to the turmeric plant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4756/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM FOR VARYING VALVE LIFT AND DURATION

(51) International classification :F01L13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)A. RAMESH
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(57) Abstract :
A system for varying valve lift and duration in an automobile engine is provided. The system includes a guide, a slider, a rocker, a connecting rod and an oscillating cam. The slider is connected with rocker and the slider slides in the guide and one end of rocker is in contact with a primary cam follower and other end of rocker is connected with connecting rod. The slider provides sliding motion to the rocker. The oscillating cam is connected with connecting rod, and placed above a valve stem which operates the valve. The connecting rod provides oscillating motion to the oscillating cam. The oscillating motion of the oscillating cam varies the lift and duration of the valve and the range of oscillation of said oscillating cam is governed by the relative positioning of slider with rocker and contact point between primary cam follower and one end of rocker.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.5152/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : DIRECT DRIVE MOTOR

(51) International classification :F16L
(31) Priority Document No :2013-066134
(32) Priority Date :27/03/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HARUHIKO KOIKE
2)YASUHIKO KAKU

(57) Abstract :
A direct drive motor (1) includes a primary side fixed ring body (11) and a secondary side movable ring body (21). The primary side fixed ring body includes a hollow part (11a) and is disposed on the lower side along an axis (Q) and on the inner side in the radial direction. The secondary side movable ring body (21) includes a hollow part (21a) and is disposed on the upper side and on the outer side in the radial direction. A fixed side tapered face (11b) is formed on the outer side of the primary side fixed ring body (11) in the radial direction. A movable side tapered face (21b) is formed on the inner side of the secondary side movable ring body (21) in the radial direction and is disposed facing the fixed side tapered face (11b) via a gap (S). An air path (11c) supplies compressed air to the gap (S). The secondary side movable ring body (21) is driven to rotate with respect to the primary side fixed ring body (11) via the gap (S) with the axis (Q) as a rotation center.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.1208/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NEW GENERATION KAOLIN BASED PAINT PIGMENT EXTENDER

(51) International classification :C09C1/42,C09D7/12,C04B33/32
(31) Priority Document No :61/523546
(32) Priority Date :15/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050168
Filing Date :09/08/2012
(87) International Publication No :WO 2013/025444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)FOLMAR Kenneth W.

(57) Abstract :
A fully calcined kaolin pigment extender is provided which has a product Mullite Index (M.I.) of 25.0 or higher. The calcined kaolin pigment extender can be advantageously used in paints to improve scrub and burnish resistance.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

(21) Application No.1258/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MICROORGANISMS AND METHODS FOR PRODUCING 2 4 PENTADIENOATE BUTADIENE PROPYLENE 1 3 BUTANEDIOL AND RELATED ALCOHOLS

(51) International classification :C12P7/18
(31) Priority Document No :61/525659
(32) Priority Date :19/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051347
Filing Date :17/08/2012
(87) International Publication No :WO 2013/028519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OSTERHOUT Robin E.
2)BURGARD Anthony P.
3)BURK Mark J.

(57) Abstract :
The invention provides non naturally occurring microbial organisms containing 2 4 pentadienoate butadiene propylene 1 3 butanediol crotyl alcohol or 3 buten 1 ol pathways comprising at least one exogenous nucleic acid encoding a butadiene pathway enzyme expressed in a sufficient amount to produce 2 4 pentadienoate butadiene propylene 1 3 butanediol crotyl alcohol or 3 buten 1 ol. The invention additionally provides methods of using such microbial organisms to produce 2 4 pentadienoate butadiene propylene 1 3 butanediol crotyl alcohol or 3 buten 1 ol by culturing a non naturally occurring microbial organism containing 2 4 pentadienoate butadiene propylene 1 3 butanediol crotyl alcohol or 3 buten l ol pathways as described herein under conditions and for a sufficient period of time to produce 2 4 pentadienoate butadiene propylene 1 3 butanediol crotyl alcohol or 3 buten 1 ol.

No. of Pages : 261 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.4630/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A MECHANICAL HEART PUMP MACHINE

(51) International classification :A61B
(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

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5)PANDIA RAJAN MON VIKANTH

(57) Abstract :
The present invention discloses a mechanical heart pump system for performing function of the heart during heart surgery. The system comprises of a first pumping means, a second pumping means, a reservoir, regulating means, plurality of connecting means and real time control means. The reservoir is configured to receive and temporarily hold the deoxygenated blood from the heart inlet. The first pumping means which includes an accumulator and screws pump is configured to pump the de-oxygenated blood from the reservoir through an accumulator into the lungs inlet. The second pumping means which includes an accumulator and screw pump is configured to pump the oxygenated blood from the lungs outlet to heart outlet. The regulating means is configured to control the temperature and pressure level within the predetermined limit. The accumulator is configured to intensifying the pressure level, preventing back flow and eliminating bubbles from the blood. The real time control means is configured to control the blood circulation as per predetermined favorable pressure, temperature and oxygen level, and allowing/using real function of original lung thereby nourishing the respiration of blood cells throughout the entire duration of heart surgery, artificially performing function of heart and eliminating the need of external oxygen supply. The components including the first pumping means, a second pumping means, a reservoir, regulating means and real time control means are interlinked through plurality of connecting means.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2013

(21) Application No.5408/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SPINNING MACHINE

(51) International classification :D01H
(31) Priority Document No :2012-285723
(32) Priority Date :27/12/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NOBORU NAKAYAMA
2)HIDESHIGE MORI

(57) Abstract :
A spinning machine includes a spinning device (9), a winding section (26), a yarn pooling device (22), a yarn joining device (23), a transporting device, and a movable guide. The winding section forms a package (50) by winding a spun yarn (10) formed by the spinning device around a winding tube (51). The yarn pooling device pools the spun yarn between the spinning device and the winding section. The yarn joining device joins the spun yarn from the spinning device and the spun yarn from the winding section. The transporting device transports the spun yarn to the yarn joining device. The yarn pooling device changes a direction of a first yarn path. The yarn pooling device is arranged at a position away from the second yarn path. The movable guide pulls the spun yarn on the second yarn path to the yarn pooling device.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.1325/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR SUPPORTING A SELF TUNING LOCKING MECHANISM IN A TRANSACTIONAL MIDDLEWARE MACHINE ENVIRONMENT

(51) International classification :G06F15/167
(31) Priority Document No :61/541051
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055942
Filing Date :18/09/2012
(87) International Publication No :WO 2013/048826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHEN Xugang
2)LI Xiangdong

(57) Abstract :
A lock mechanism can be supported in a transactional middleware system to protect transaction data in a shared memory when there are concurrent transactions. The transactional middleware machine environment comprises a semaphore provided by an operating system running on a plurality of processors. The plurality of processors operates to access data in the shared memory. The transactional middleware machine environment also comprises a test and set (TAS) assembly component that is associated with one or more processes. Each said process operates to use the TAS assembly component to perform one or more TAS operations in order to obtain a lock for data in the shared memory. Additionally a process operates to be blocked on the semaphore and waits for a release of a lock on data in the shared memory after the TAS component has performed a number of TAS operations and failed to obtain the lock.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1326/CHENP/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PRODUCING OPTICALLY ACTIVE 1 BROMO 1 [3 5 BIS(TRIFLUOROMETHYL)PHENYL] ETHANE

(51) International classification :C07C17/16,C07C22/08,C07B53/00
(31) Priority Document No :2010-164725
(32) Priority Date :22/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066512
Filing Date :21/07/2011
(87) International Publication No :WO 2012/011516 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATSUDA Kennosuke
3)YAMAZAKI Koichi
4)OHGIYA Tadaaki
5)SHIBUYA Kimiyuki

(57) Abstract :
Disclosed is a method that is for producing 1 bromo 1 [3 5 bis(trifluoromethyl)phenyl] ethane having high optical purity and that is a method containing a step for brominating optically active 1 [3 5 bis(trifluoromethyl)phenyl] ethanol using as a brominating agent either a) the combination of a phosphorus halide and hydrogen bromide b) the combination of 1 2 dibromo 1 1 2 2 tetrachloroethane and the organophosphorus compound represented by general formula I which is P(R)(R)(R) (in the formula: R R and R each independently indicate a C aryl group a C aryloxy group a C alkyl group a C alkoxyl group a C cycloalkyl group or a C cycloalkoxyl group) or c) the combination of N bromosuccinimide and a dialkyl sulphide.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.4777/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SUCCESSIVE APPROXIMATION REGISTER ANLOG TO DIGITAL CONVERTER CIRCUIT AND CONVERSION METHOD THEREOF

(51) International classification :A61N
(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

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(72)**Name of Inventor :**
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2)JAGADISH D.N.

(57) Abstract :
Successive Approximation Register Analog To Digital Converter Circuit And Conversion Method Thereof. A successive approximation ADC is provided. This invention addresses the problems of parasitic effects and conversion time issues associated with passive charge redistribution SAR ADCs. Dual capacitor arrays with plurality of capacitors and switches, with equal capacitance including parasitic at every capacitor is employed. In addition capacitor arrays perform more than one operation simultaneously, that include passive charge sharing, charging and discharging. These features make the SAR ADC to have lower power consumption, surface area and conversion time amongst passive charge redistribution SAR ADCs.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013

(21) Application No.5882/CHENP/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TONER

(51) International classification :G03G9/087
(31) Priority Document No :2010-293013
(32) Priority Date :28/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079750
Filing Date :15/12/2011
(87) International Publication No :WO 2012/090844 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MORIBE Shuhei
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5)TSUJIMOTO Daisuke
6)FUJIMOTO Masami

(57) Abstract :
To provide a toner that can keep its melt sticking to sleeve from occurring and even in double sided printing can keep high temperature offset from occurring and obtain high quality images on both the surface and the back. The toner comprises toner particles each of which contains a binder resin containing a resin formed by the reaction of i) a resin (A) having a softening point TA (°C) of 70°C to 105°C and having a peak top of endothermic peaks at 55°C to 120°C with ii) a resin (B) having a softening point TB (°C) of 120°C to 160°C and having a peak top of endothermic peaks at 55°C to 120°C and in its viscoelasticity characteristics has a storage elastic modulus at temperature 180°C (G 180) of 3.0—10 Pa to 3.0—10 Pa where the loss tangent tand has at least one peak having a peak top within the range of 50°C to 70°C and when peak top temperature of the peak is represented by T(°C) the loss tangent at T+10(°C) [tand(T+10)] is 1.0 to 1.5 and the ratio of tand(T+10)/tand(110) is 0.8 to 1.5.

No. of Pages : 52 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.1220/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEDICAL IMPLANTABLE OCCLUSION DEVICE AND METHOD FOR IMPLANTATION THEREOF

(51) International classification :A61B17/00,A61B17/12
(31) Priority Document No :11182390.2
(32) Priority Date :22/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068760
Filing Date :24/09/2012
(87) International Publication No :WO 2013/041721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AKPINAR Mehmet Hakan

(57) Abstract :
A medical implantable occlusion device (100 200) is disclosed comprising a fabric of at least one thread (101) and a structural formation (102) thereof having a collapsed and an expanded shape the formation comprises a proximal and a distal portion (103 104) a longitudinal axis (105) extending between the proximal and distal portion wherein at least one of the proximal and distal portions comprises a peripheral edge (107 108) having a first (109 109) and a second (110 110) radius of curvature in a direction substantially perpendicular to the longitudinal axis wherein the first radius of curvature is different from the second radius of curvature.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1367/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POWER EFFICIENT PROCESSOR ARCHITECTURE

(51) International classification :G06F15/80,G06F13/24,G06F1/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/050580
Filing Date :06/09/2011
(87) International Publication No :WO 2013/036222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ILLIKKAL Rameshkumar G.
3)IYER Ravishankar
4)SRINIVASAN Sadogopan
5)MOSES Jaideep
6)MAKINENI Srihari

(57) Abstract :
In one embodiment the present invention includes a method for receiving an interrupt from an accelerator sending a resume signal directly to a small core responsive to the interrupt and providing a subset of an execution state of the large core to the first small core and determining whether the small core can handle a request associated with the interrupt and performing an operation corresponding to the request in the small core if the determination is in the affirmative and otherwise providing the large core execution state and the resume signal to the large core. Other embodiments are described and claimed.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.4731/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A NON-LINEAR PROCESSOR FOR ECHO CANCELING IN TWO-WAY COMMUNICATION SYSTEMS AND A METHOD THEREOF

(51) International classification	:H04B3/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)The Secretary, Department of Electronics and Information**
(32) Priority Date	:NA	**Technology (DeitY)**
(33) Name of priority country	:NA	Address of Applicant :Electronics Niketan 6, CGO Complex,
(86) International Application No	:NA	Lodhi Road, New Delhi 110003, India Delhi India
Filing Date	:NA	**2)Center for Development of Advanced Computing (C-DAC)**
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)Mr. Simon Zachariah**
Filing Date	:NA	**2)Mr. Satheesh Prabhu**
(62) Divisional to Application Number	:NA	**3)Mrs. Soumya Murali**
Filing Date	:NA	**4)Ms. Annu Liza Jose**

(57) Abstract :
The present disclosure relates to a Non-Linear Processor (NLP), in a Line Echo Canceller (LEC), with adaptively programmable transfer characteristics depending on the status conditions of the system. In one embodiment, the NLP comprises a scaling unit that scales a plurality of input signals based on one or more scale factors and a combiner unit for generating a combined signal based on a status signal provided by a status decoder. The NLP further comprises a clipper for processing the combined signal based on a predetermined threshold value to generate a clipped output signal. Furthermore, the NLP comprises a selector switch for selecting one of the combined signal and the clipped output signal as the NLP output signal. The disclosed NLP results in the achievement of complete cancellation of echo in echo only situation, complete reproduction of far speech in far only situation, and fairly complete reproduction of far speech with echo eliminated in double-talk situation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2013

(21) Application No.5917/CHENP/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TONER

(51) International classification :G03G9/087
(31) Priority Document No :2010291641
(32) Priority Date :28/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079279
Filing Date :13/12/2011
(87) International Publication No :WO 2012/090741
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)FUJIMOTO Masami

(57) Abstract :
A toner comprising toner particles each of which contains a binder resin and a colorant wherein the binder resin includes a resin having an endothermic peak at a temperature of 55°C to 120°C in a DSC curve; the toner has a softening point Tm of 90°C to 140°C; in the viscoelastic characteristic of the toner measured at a frequency of 6.28 rad/sec the storage elastic modulus at a temperature of 180°C is 1.0 — 10 Pa to 1.0 — 10 Pa; in a chart with the temperature on the x axis and tand on the y axis tand has a peak having a peak top in the range of 50°C to 70°C; tand(P) at the peak top temperature is 2.0 to 10.0; the ratio of the tand (P) at the peak top temperature to tand (Tm) at a temperature of Tm (tand(P) /tand (Tm)) is in the range of 2.5 to 8.0.

No. of Pages : 54 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.4708/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A MICRONUTRIENT COMPOSITION FOR GINGER AND A PROCESS FOR ITS PREPARATION

(51) International classification :C05D9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAGHAVAN DINESH
3)SRAMBIKKAL HAMZA

(57) Abstract :
The present disclosure relates to a micronutrient composition for supplying essential nutrients and for promoting growth in ginger plant comprising a magnesium component in an amount ranging from 0.005% to 0.015%;, an iron component in an amount ranging from 0.01% to 0.02%;, a zinc component in an amount ranging from 0.02% to 0.044%;, a boron component in an amount ranging from 0.005% to 0.01%; and a pH regulator in an amount ranging from 0.001% to 0.002%. The present disclosure also relates to a process for the preparation of the micronutrient composition. The present disclosure further relates to a process for applying the micronutrient composition to the ginger plant.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2013

(21) Application No.520/CHENP/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AQUEOUS COSMETIC COMPOSITION COMPRISING ALKYLCELLULOSE

(51) International classification :A61K8/34,A61K8/73,A61K8/891
(31) Priority Document No :1057528
(32) Priority Date :20/09/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/066208
Filing Date :19/09/2011
(87) International Publication No :WO 2012/038374
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEVY Florence
3)CAVAZZUTI Roberto

(57) Abstract :
The present invention relates to a cosmetic composition comprising in a physiologically acceptable medium: at least water at least alkylcellulose at least one first hydrocarbon based non volatile oil chosen from: C C alcohols preferably monoalcohols; optionally hydroxylated monoesters diesters or triesters of a C C monocarboxylic or polycarboxylic acid and of a C C alcohol; esters of a C C polyol and of one or more C C carboxylic acids. At least one second non volatile oil chosen from silicone oils and/or fluoro oils or hydrocarbon based oils other than the said first oil; at least one stabilizer chosen from surfactants and/or hydrophilic gelling agents preferably chosen from associative polymers natural polymers and their mixture.

No. of Pages : 103 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.764/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TEXTILE MACHINE EQUIPPED WITH WINDING SECTION AND DISPLAY CONTROL DEVICE

(51) International classification :B65H54/00
(31) Priority Document No :2013-069599
(32) Priority Date :28/03/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKESHI HAMADA

(57) Abstract :
A textile machine (automatic winder (100)) includes a plurality of winding units (1) arranged side by side. Each winding unit (1) includes a winding section (13) that winds a yarn (Y) to form a package (P) , and a detecting section (141) that detects vibrations during the formation of the package (P) . The textile machine also includes a display section (5) that displays information about each winding unit (1) , and a display control section (4c) that controls contents displayed on the display section (5) . The display control section (4c) exerts control so as to cause the display section to display a graph (G) in which a vibration value of each of the winding units (1) is visually arranged side by side and to also display on the graph an abnormality determination level (L) that serves as a reference for determining whether the vibration is large.

No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.810/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPLICATION CONTROL METHOD AND APPARATUS FOR MOBILETERMINAL, EARPHONE DEVICE AND APPLICATION CONTROL SYSTEM

(51) International classification	:G06F
(31) Priority Document No	:10-2013-0020585
(32) Priority Date	:26/02/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)Hyejeon JUNG
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(57) Abstract :
The present disclosure relates to controlling an application in a mobile terminal. The present disclosure includes an application control method and apparatus for a mobile terminal, earphone device, and application control system. The method for application control in a mobile terminal may include detecting connection of earphones having a sensor for sensing earphone wearing, sending, upon detection of earphone connection, an interrogation signal to the sensor of the earphones, receiving a response signal, corresponding to the interrogation signal, from the earphones, determining whether the earphones are worn by a user on the basis of the response signal, and controlling, when the earphones are not worn, an application being executed to stop output of an audio signal to the earphones.

No. of Pages : 55 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1369/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PATH DETECTION AND NODE

(51) International classification :H04L12/24
(31) Priority Document No :201110248166.1
(32) Priority Date :24/08/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/078759
Filing Date :17/07/2012
(87) International Publication No :WO 2013/026336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JIAO Xinwen
3)JIN Lizhong

(57) Abstract :
A method for path detection and a node. The method comprises: an initiating node sending an echo request packet to a detecting node carrying address list information the address list information comprising the address of the initiating node; the detecting node checking whether a node address in the address list information carried in the received echo request packet is reachable and using a found reachable address as a destination address of an echo replay packet; the detecting node adding address information thereof to the address list information carried in the echo replay packet to be returned. The node comprises a request packet sending module a searching module and a replay module. When the node does not have a reachable route of a head node other nodes on an LSP through which the packet passes may be found according to the address list information carried in the echo request packet and the echo replay packet is transferred to the initiating node by relaying thereby increasing the success rate of tracing a route.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014
(21) Application No.703/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PARALLEL ROBOT

(51) International classification :b25J
(31) Priority Document No :2013-043168
(32) Priority Date :05/03/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKASHI SANADA
3)RYUICHIRO TOMINAGA

(57) Abstract :
A parallel robot (50) includes a plurality of actuators (12), a wrist portion (30), and a plurality of arms (20) that respectively connect the wrist portion (30) to the plurality of actuators (12). The wrist portion (30) includes a base portion (33) that includes a plurality of connection portions (32) respectively connected to the plurality of arms (20) and a rotation member (36) that rotates about a rotation axis (CL3) located outside an area surrounded by the plurality of connection portions (32). The rotation member (36) is provided with a through-hole (37) that is formed along the rotation axis (CL3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2014

(21) Application No.716/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A POWDER MIXTURE

(51) International classification :C07H
(31) Priority Document No :JP2013-028703
(32) Priority Date :18/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Teruo TESHIMA

(57) Abstract :
A powder mixture of the present invention is characterized in that it comprises: an iron powder or an iron-based alloy powder, wherein a graphite powder is adhered to a surface of the iron powder or the iron-based alloy powder by a binding agent containing a polyolefin wax; and a negatively-charged powder to be mixed with the iron powder or the iron-based alloy powder, and consisting of an iron powder and/or an iron-based alloy powder treated for negatively charging. This enables keeping the good adhering property of a graphite powder in a mixed powder and high flowability as a mixture of the raw material powder.

No. of Pages : 48 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014
(21) Application No.837/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AUTOMATIC TRANSMISSION

(51) International classification :F16H61/00
(31) Priority Document No :2013-034173
(32) Priority Date :25/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NEMOTO, YOSHIKAZU

(57) Abstract :
An automatic transmission capable of improving stability and reliability of connection operation of a synchronization mechanism when pre-shift control is executed, thereby making it possible to prolong the service life of the mechanism and improve marketability thereof. To change the speed position of a vehicle, one of two power transmission paths from an internal combustion engine to drive wheels is switched to the other, and pre-shift control is executed before switching the path. In doing this, when conditions for executing the pre-shift control are satisfied, whether or not a motive power fluctuation state of the engine occurs after satisfaction of the execution conditions is determined. If the motive power fluctuation state occurs, delay control for delaying the start of the pre-shift control is executed, whereas if the same does not occur, the pre-shift control is executed without executing the delay control.

No. of Pages : 71 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.3703/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : LOADING/UNLOADING APPARATUS

(51) International classification :B66D
(31) Priority Document No :2012-190195
(32) Priority Date :30/08/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MINEYASU MORIMOTO
3)KAZUHIRO UMEO
4)EIJI MASUDA

(57) Abstract :
A loading/unloading apparatus includes a cage configured to accommodate an electric appliance stored or to be stored in one of storage compartments provided within a cubicle; and a hoist configured to vertically move and hang the cage. The hoist includes a boom arranged on the cubicle to extend above the storage compartments and a hoisting winch attached to the boom. The cage includes a frame body provided with a seat for supporting the electric appliance, and a connector unit connected to the hoisting winch.

No. of Pages : 51 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.4640/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR DETECTION AND CORRECTION OF IMAGE DEFECT

(51) International classification :G06T7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)Mithun Uliyar
3)Basavaraja S V

(57) Abstract :
In an example embodiment, a method, apparatus and computer program product are provided. The method includes accessing an image comprising a plurality of micro-images arranged in a plurality of rows and a plurality of object points associated with a scene. A first disparity value is determined based on an object point of the plurality of object points in a first micro-image and a corresponding object point in at least one second micro-image, and a second disparity value is determined based on the object point in the first micro-image and a corresponding object point in at least one third micro-image. The first micro-image and the at least one second micro-image belong to same row. The first micro-image and the at least one third micro-image belong to neighboring rows of the plurality of rows. The first disparity value is compared with the second disparity value to determine presence of image defect.

No. of Pages : 46 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/11/2013

(21) Application No.5126/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT

(51) International classification :B25J
(31) Priority Document No :2012-253260
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)NOBUKAZU MIYAUCHI

(57) Abstract :
A robot (100) includes a base (101), an arm portion (120L, 120R), and a wrist portion (130L, 130R). The wrist portion (130L, 130R) includes a wrist A portion (131L, 131R) supported swingably around a swing axis line (AX5L, AX5R) at a tip end portion of the arm portion (120L, 120R), a wrist B portion (132L, 132R) supported swingably around a swing axis line (AX6L, AX6R) on a tip end side of the wrist A portion(131L, 131R), a flange portion (133L, 133R) supported rotatably around a rotation axis line (AX7L, AX7R) on a tip end side of the wrist B portion (132L, 132R), a Hypoid gear set (G5) configured to reduce a rotation speed of a motor (M5), and a Hypoid gear set (G6) configured to reduce a rotation speed of another motor (M6).

No. of Pages : 75 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.847/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : POWER CONVERTING APPARATUS

(51) International classification :H02M
(31) Priority Document No :2012-047398
(32) Priority Date :02/03/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KATSUTOSHI YAMANAKA

(57) Abstract :
Provided is a power converting apparatus for which an increase in size is suppressed. The power converting apparatus includes a controller that controls a power converter. The controller includes a first signal generator which generates switch drive signals for AC-to-DC conversion, a second signal generator which generates switch drive signals for DC-to-AC conversion, and a drive signal generator which generates, in accordance with the switch drive signals for AC-to-DC conversion and the switch drive signals for DC-to-AC conversion, switch drive signals for controlling the power converter. The first signal generator and the second signal generator operate in synchronization with each other.

No. of Pages : 71 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2013

(21) Application No.4608/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A SYSTEM AND A METHOD FOR INSPECTING QUALITY OF A SOLAR PANEL

(51) International classification :H01L
(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

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2)Ritu Gupta
3)Shanmugam Kiruthika
4)Kunala Durga Mallikarjuna Rao
5)Mikkel J¸rgensen
6)Frederik Christian Krebs

(57) Abstract :
The present disclosure relates to a system 100 for inspecting quality of a solar panel 102 as one non-limiting embodiment of the present disclosure. The system 100 comprises a computing unit 101 configured to act as a light source for illuminating light onto the solar panel 102. The solar panel 102 comprising a plurality of solar cells 104 is mounted onto the computing unit 101. A voltage measuring instrument (VMI) 103 connectable to leads of the solar panel 102 is provided in the system 100 for recording output voltage of the solar panel 102, when the light is illuminated onto the solar panel 102. The computing unit 101 generates a colour map corresponding to output voltage received from the VMI 103 to inspect quality of the solar panel 102.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.841/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TAMPER RESISTANT MOTION DETECTOR •

(51) International classification :B65D
(31) Priority Document No :13/780,743
(32) Priority Date :28/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MARK CLIFFORD BUCKLEY
2)DAVID EUGENE MERRITT

(57) Abstract :
A tamper resistant motion detector is provided that can include a housing, a capacitive sensor, and a microprocessor. The housing can include a window, and the capacitive sensor can be located inside of the housing, behind the window. A capacitance of the capacitive sensor can change when the capacitive sensor detects an object on the window or within a predetermined distance from the window, and the microprocessor can read the capacitance of the capacitive sensor and use the capacitance of the capacitive sensor to determine whether to activate an alarm or to determine whether to activate an anti-mask system.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2013

(21) Application No.970/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD FOR PURIFYING CRUDE AROMATIC DICARBOXYLIC ACID

(51) International classification	:F28F
(31) Priority Document No	:2012-053109
(32) Priority Date	:09/03/2012
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)NORIAKI HARA
2)HIROYUKI TOYOSHIMA
3)HATSUTARO YAMAZAKI

(57) Abstract :
An efficient thermal energy recycling system is established including a plurality of heat exchangers to heat and dissolve a crude aromatic dicarboxylic acid slurry in the heat dissolution step II using steam generated due to stepwise pressure releases from crystallization tanks in the crystallization step IV. The system also includes a flush drum attached to each of the heat exchangers to collect condensed water from the heat exchanger. The system characterizes a heating unit (and a modified heating unit) with a heating mechanism involving steam streams through a heating steam guiding line 12, a steam recycle line 13, a residual steam release line 14, and a condensed water transfer line 15 to a heating exchanger H-N and the attached flush drum B-N.

No. of Pages : 78 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.635/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : JOINT MECHANISM AND ROBOT

(51) International classification :F16H
(31) Priority Document No :2013-024958
(32) Priority Date :12/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KENTARO TANAKA
2)ATSUSHI ICHIBANGASE
3)SHINGO TSUTSUMI

(57) Abstract :
A joint mechanism includes a motor including a motor shaft and a hypoid pinion provided at a tip end of the motor shaft and a speed reducer configured to reduce a rotation speed of the motor at a speed reduction ratio. The speed reducer includes a screw-shaped input shaft and a ring-shaped gear meshing with the screw-shaped input shaft and three-dimensionally intersecting the screw-shaped input shaft at a right angle. Further, the screw-shaped input shaft includes a shaft body provided with a screw portion and a hypoid gear arranged at one end of the screw-shaped input shaft and configured to mesh with the hypoid pinion. Furthermore, the screw-shaped input shaft has an axis three-dimensionally intersecting the motor shaft at a right angle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014
(21) Application No.827/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TEACHING SYSTEM, TEACHING METHOD AND ROBOT SYSTEM

(51) International classification :G09B
(31) Priority Document No :2013-032171
(32) Priority Date :21/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KOICHI KUWAHARA

(57) Abstract :
In a teaching system including a display unit, an image generating unit generates a virtual image of a robot, a workpiece and a positioner for holding the workpiece. A display control unit controls the display unit to display the generated virtual image. Upon receiving an operators operation of selecting a ridgeline of the workpiece of the virtual image, a work line generating unit extracts individual teaching target points of the ridgeline and generates a work line as a set of line segments each interconnecting the target points adjoining each other. A calculation unit calculates teaching values for positions and postures of the positioner on a point-by-point basis so that a vector direction of the work line at each target point becomes substantially parallel to a horizontal direction. A teaching program generating unit generates a teaching program for operating the positioner based on the calculated teaching values.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.859/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHODS AND APPARATUS FOR FUSING INSTRUCTIONS TO PROVIDE OR-TEST AND AND-TEST FUNCTIONALITY ON MULTIPLE TEST SOURCES

(51) International classification :G06F
(31) Priority Document No :13/842,754
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VALENTINE, Robert
3)HORN, Julian C.
4)CHARNEY, Mark J.

(57) Abstract :
Methods and apparatus are disclosed for fusing instructions to provide OR-test and AND-test functionality on multiple test sources. Some embodiments include fetching instructions, said instructions including a first instruction specifying a first operand destination, a second instruction specifying a second operand source, and a third instruction specifying a branch condition. A portion of the plurality of instructions are fused into a single micro-operation, the portion including both the first and second instructions if said first operand destination and said second operand source are the same, and said branch condition is dependent upon the second instruction. Some embodiments generate a novel test instruction dynamically by fusing one logical instruction with a prior-art test instruction. Other embodiments generate the novel test instruction through a just-in-time compiler. Some embodiments also fuse the novel test instruction with a subsequent conditional branch instruction, and perform a branch according to how the condition flag is set.

No. of Pages : 85 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013
(21) Application No.4652/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESS OF PREPARING SYNERGISTIC FERMENTED FRUIT JUICE FORMULATION FOR TREATING METABOLIC SYNDROME AND PRODUCT THEREOF

(51) International classification :A23C
(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

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(72)**Name of Inventor :**
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2)DR. SHEILA JOHN

(57) Abstract :
The present invention discloses a process of preparing a synergistic fermented fruit juice formulation to reduce the risk of metabolic syndrome in a subject and product thereof. The process involves preparing an aqueous extract of pomegranate fruit after removing the pericarp, and aqueous extract of gooseberry fruit after removing the seeds. Then both the aqueous extracts were mixed together and allowed to ferment by adding probiotic Bacillus coagulans for a predetermined time and predetermined temperature. The obtained resultant formulation is packed in a container and stored at 4° C. The present invention further disclose a synergistic fermented fruit juice formulation comprises of aqueous extract of pomegranate fruit and aqueous extract of gooseberry fruit, fermented with probiotic Bacillus coagulans and stored in a container at 4° C.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.4653/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR ALLOCATING A GUARANTEED TIME SLOT IN A WIRELESS NETWORK

(51) International classification :H04W72/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Patil Sandhya
2)Kiran Bynam
3)Youngsoo Kim

(57) Abstract :
A method and apparatus for allocating a guaranteed time slot to a plurality of devices in wireless networks is provided. The guaranteed time slot is allocated to the plurality of devices based on the slot utilization factor. The coordinator receives a request from the devices before allocating the guaranteed time slot to the devices. The request comprises inter-arrival time of traffic flow of the devices, delay tolerance time limit for traffic flow, and access level of devices. The coordinator determines the slot utilization factor based on the request received from the devices. The coordinator allocates time slots to devices based on the determined slot utilization factor. When the time slot is allocated, the coordinator communicates allocated time slot number, time slot repetition frequency (TRF) to the device. The coordinator evaluates a compensated TRF for the devices to which the allocated time slot is co-allocated over a time interval.

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.828/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT SIMULATOR, ROBOT TEACHING APPARATUS AND ROBOT TEACHING METHOD

(51) International classification :g06F
(31) Priority Document No :2013-032170
(32) Priority Date :21/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KOICHI KUWAHARA

(57) Abstract :
A robot simulator includes a generating unit, a display unit, a display control unit, and a simulation instructing unit. The generating unit generates a virtual image that includes a virtual robot obtained by imaging an actual robot having at least one axis and an operation handle capable of operating three-dimensional coordinate axes having a predetermined control point of the virtual robot as the origin. The display control unit displays on the display unit the generated virtual image. The simulation instructing unit, when an operators operation for the operation handle is received, acquires at least one of a displacement amount of the control point and a rotation amount of the three-dimensional coordinate axes attributable to the operators operation, and instructs the generating unit to regenerate the virtual image in which a posture of the virtual robot is changed in accordance with the displacement amount or the rotation amount thus acquired.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.1216/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CARBAMOYLMETHOXY AND CARBAMOYLMETHYLTHIO AND CARBAMOYLMETHYLAMINO BENZAMIDES FOR COMBATING INVERTEBRATE PESTS

(51) International classification	:C07D231/04,C07D401/04,A61K31/505
(31) Priority Document No	:61/524790
(32) Priority Date	:18/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2012/066139 :17/08/2012
(87) International Publication No	:WO 2013/024170
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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7)BANDUR Nina Gertrud
8)CULBERTSON Deborah L.
9)ANSPAUGH Douglas D.

(57) Abstract :
The present invention relates to substituted carbamoylmethoxy and carbamoylmethylthio benzamide compounds and the stereoisomers salts tautomers and N oxides thereof and to compositions comprising the same. The invention also relates to the use of the carbamoylmethoxy and carbamoylmethylthio benzamide compounds or of the compositions comprising such compounds for combating invertebrate pests. Furthermore the invention relates to methods of applying such compounds.

No. of Pages : 162 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014
(21) Application No.1217/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : CARBAMOYLMETHOXY AND CARBAMOYLMETHYLTHIO AND CARBAMOYLMETHYLAMINO BENZAMIDES FOR COMBATING INVERTEBRATE PESTS

(51) International classification :C07D213/61,A01N43/40
(31) Priority Document No :61/524786
(32) Priority Date :18/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/066137
Filing Date :17/08/2012
(87) International Publication No :WO 2013/024169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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10)CULBERTSON Deborah L.
11)NEESE Paul
12)GUNJIMA Koshi

(57) Abstract :
The present invention relates to substituted carbamoylmethoxy and carbamoylmethylthio benzamide compounds (I) and the stereoisomers salts tautomers and N oxides thereof and to compositions comprising the same. The invention also relates to the use of the carbamoylmethoxy and carbamoylmethylthio benzamide compounds or of the compositions comprising such compounds for combating invertebrate pests. Furthermore the invention relates to methods of applying such compounds.

No. of Pages : 134 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.418/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : BOBBIN AND ROTARY ELECTRIC MACHINE

(51) International classification :H02K
(31) Priority Document No :2013-016687
(32) Priority Date :31/01/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MASANOBU KAKIHARA
3)KENSUKE NAKAZONO
4)YOUICHI SAKAMOTO

(57) Abstract :
A bobbin is adapted to be mounted to a projection of a stator core of a rotary electric machine and wound with a coil wire. The bobbin includes a back stress generating portion configured to generate a stress acting in a direction opposite to a stress generated when the coil wire is wound around the bobbin.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/11/2013

(21) Application No.5124/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT

(51) International classification :B25J
(31) Priority Document No :2012-253262
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KAZUYOSHI NOGAMI
2)NOBUKAZU MIYAUCHI

(57) Abstract :
A robot (100) includes a base (101) and a robot main body (102). The base (101) is installed at an installation spot of the robot (100). The robot main body is arranged on the base and includes a torso portion (110), a shoulder portion (121L, 121R), an upper arm A portion (122L, 122R), an upper arm B portion (123L, 123R), a lower arm portion (124L, 124R), a wrist A portion (131L, 131R), a wrist B portion (132L, 132R), and a flange portion (133L, 133R) driven by a plurality of actuators (AclL - Ac7L, AclR - Ac7R). The base includes a housing (101a) into which a control cable (3) drawn from the actuators is introduced, and an opening portion (10a) provided on a lower surface of the housing, and an opening portion (10b) provided on a side surface of the housing. The opening portion is configured capable of selectively attaching/detaching either one of a connector plate (11a) including a connector to which a tip end portion of the control cable can be attached and a lid portion (12a) not including the connector. The opening portion is configured capable of selectively attaching/detaching either one of a connector plate (11b) including a connector to which a tip end portion of the control cable can be attached and a lid portion (12b) not including the connector.

No. of Pages : 73 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.1324/CHENP/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ADMINISTERING SERVER CONFIGURATIONS INCLUDING GUI NAVIGATION PROPERTY SHEETS AND AUTO TAB COMPLETION

(51) International classification :G06F9/50,G06F9/44,G06F9/455
(31) Priority Document No :61/539886
(32) Priority Date :27/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057620
Filing Date :27/09/2012
(87) International Publication No:WO 2013/049390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHANDRASEKHARAN Praveen
4)SIDDE Nagakishore

(57) Abstract :
Described herein are systems and methods for use in administering server configurations such as in a traffic director or other type of server environment. In accordance with various embodiments systems and methods are described for providing an administration console user interface or GUI for use in reviewing and configuring different configurable objects wherein the GUI includes one or more of a never get lost navigation model or property sheets; a command line interface and/or command line shell which provides an autocompletion feature for remote objects; and a REpresentational State Transfer (REST) infrastructure and management service which maps REST calls to mbeans or other management components registered on the administration server for use in managing the traffic director.

No. of Pages : 46 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2013

(21) Application No.4595/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR SECURED MONITORING AND PROCESSING THE SENSOR DATA

(51) International classification :H04L9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Radhika M. Pai
3)Pooja. B

(57) Abstract :
According to an aspect of the present invention, a sensor cloud network comprising, a sensor, a gateway, a first cloud, a second cloud and a client device. The data is collected using the sensor in the sensor network. In one embodiment, the collected sensor data is encrypted at the gateway using decipher information. The decipher information comprise, an encryption key and hash value. The decipher information is stored in a second cloud along with encrypted data. A virtual machine deployed on a first cloud receives the encrypted data and the decipher information. Also, the virtual machine is configured to decrypt the encrypted sensor data using the decipher information. Further, the first cloud configured to display the decrypted data in user known format. In one embodiment, the first cloud and the second cloud are provided by two different service providers. In another aspect of invention, the virtual machine of first cloud capable of subscribing to a second cloud to retrieve sensor data. In another embodiment, the client device creates a service request. The service request is processed by the service cloud and invokes a virtual machine for each service request from client.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4772/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR ISSUING INSURANCE POLICIES

(51) International classification :G06Q40/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KUPPUSWAMY, Rajesh
3)LAKSHMANAN, Balaji
4)KUMAR, Yogesh

(57) Abstract :
The subject matter discloses intelligent, mechanized and automated systems (102), and methods for providing interactive assistance to customers for issuing insurance policies. In one implementation, presence of a customer is detected by the system (102) in vicinity of the system (102). A mechanized unit of the system (102) is instructed to move the system (102) to a location in proximity of the customer. Insurance policies are displayed to the customer. The display is on a display screen (206) of the system (102). A customer input indicative of an insurance policy selected for purchasing is received by the system (102), and customer details are obtained by the system (102) for issuing the selected insurance policy to the customer. Further, documents pertaining to the insurance policy are printed by the system (102), to issue the insurance policy to the customer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014
(21) Application No.847/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING ELECTRONIC TRANSACTIONS

(51) International classification :G06Q
(31) Priority Document No :10-2013-0019507
(32) Priority Date :22/02/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Eui-Hyeon HWANG
2)Dong-Ouk PARK
3)Jung-Han KANG

(57) Abstract :
A method for performing electronic transactions, includes receiving a primary wallet component registered in a ticket server and an additional wallet component registered to the ticket server from a first provider server, displaying the primary wallet component and the additional wallet component, if selection of the additional wallet component is detected, requesting a second provider server to issue the selected additional wallet component, receiving the additional wallet component issued by the second provider server corresponding to the requested additional wallet component, and displaying the issued additional wallet component on a screen.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013

(21) Application No.999/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM FOR PROVIDING EXTENSIBLE LOCATION-BASED SERVICES

(51) International classification :H04W
(31) Priority Document No :13/420,431
(32) Priority Date :14/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Kelly L. Dempski

(57) Abstract :
A system for providing location-based services to a mobile device regularly determines the location of the mobile device. Using the location of the device, the system queries a database of virtual geographic regions to determine if the location of the mobile device falls within one or more of the virtual geographic regions. The virtual geographic regions correspond to service entities that have purchased, rented,leased, or otherwise acquired the virtual geographic regions. The virtual geographic regions cover a certain area of a map. If the mobile device is within a virtual geographic region, the system notifies the mobile device. A location-based services application installed on the mobile device launches an applet for the entity that acquired the virtual geographic region within which the mobile device is located. When the mobile device is located within multiple overlapping virtual geographic regions, the system generates a prioritization scheme that defines which of the corresponding service entities should be displayed on the mobile device, and in what order the service entities should be displayed.

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.4728/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A FUEL INJECTION PUMP

(51) International classification :F02M
(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

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2)Robert Bosch GmbH
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2)DIAFERIA Antonio
3)SWAMY Dhanpal Pakkiri

(57) Abstract :
A fuel injection pump 100 is disclosed. The fuel injection pump 100 of the current invention comprises a housing 105; a suction valve 101 comprising a suction valve bore 106; an outlet valve 102 comprising an outlet valve bore 107; the housing 105 comprising the suction valve 101 in fluid communication with an inlet port and the outlet valve 102, and the outlet valve 102 in fluid communication with the suction valve 101 and an outlet port; characterized in that a key 103 held in a slot positioned on a surface of the suction valve 101 and the outlet valve 102, the key 103 aligns the suction valve bore 106 with the outlet valve bore 107.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.4672/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING USER EQUIPMENT PERFORMANCE IN LONG TERM EVOLUTION FDD/TDD CO-EXISTENT NETWORKS

(51) International classification :H04W36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHARMA, Neha
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(57) Abstract :
The present invention provides a method and system for optimizing user equipment performance by having faster resumption of services during co-existence of LTE Frequency division duplexing (FDD) and Time division duplexing (TDD) networks. The method includes determining whether the UE is able to acquire essential system information (SI) associated with a cell or frequency which is barred by the UE. Further, the method includes removing the barring restriction conditionally for that cell or frequency which is barred by the UE if the UE is able to acquire the essential system information associated with the cell frequency. Furthermore, the method includes, allowing the UE to camp on the cell or frequency whose essential SI has been acquired by the UE and resuming the service with the cell and frequency. Furthermore, it also includes the method to have seamless handover between TDD and FDD and vice versa.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4760/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR SHARING SETTINGS OF DEVICES CONNECTED OVER AN IP NETWORK

(51) International classification :G06F9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HARI PRASAD ANUMALA
3)PRAKASH BHAGAVATHI
4)SAMRAT SUBHASH NAWLE
5)VAIJAYANTHI IYENGAR

(57) Abstract :
A method and system for applying the settings of a first device to a second device using a network is provided. The settings of a first device can be received through a sharing platform using the network by the second device and the received settings can be directly applied to the second device. The user of the first device shares the settings of all the devices in the sharing platform. The settings of the devices of the user are saved in the profile information of the user in the sharing platform. The user of second device can access the settings of the first device through the sharing platform in the second device. Further, the user of second device can directly copy and apply the settings to the second device.

No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4761/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD OF SIMULATING RADIATION HEAT TRANSFER FROM ONE RADIATING SURFACE TO ANOTHER

(51) International classification :G06F
(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

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2)KRISHNA NELANTI

(57) Abstract :
The present invention relates to systems and methods of simulating radiation heat transfer in Finite Element Analysis. The present invention provides a method of simulating radiation heat transfer between a first radiating surface and a second radiating surface of a structure in a finite element analysis. The method comprising making a Finite Element Model of the structure, determining average temperature of first and second radiating surfaces, defining first node, second node, third node, fourth node and transferring the average temperature of the first and second radiating surface to the first node and third node respectively, transferring temperature of the first node and third node to second node and fourth node respectively, simulating the radiation heat transfer from the node to the radiating surfaces and performing the finite element analysis. The present invention also provides a system for performing the method of the present invention.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.1909/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : AN EFFICIENT INTEGRATED EINGINE SYSTEM

(51) International classification :F01K
(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

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2)RAMACHANDRAN ALAMPALLAM PARAMESWARAN

(57) Abstract :
The disclosed invention is about an endeavour at total retention of heat of combustion of fuel without losses and its conversion to work. One of the embodiments of the invention is an interrelated combination of an IC engine, the IC engine driven air-compressor, the same IC engine driven optional heat-pump and an EC engine, as one integrated system, to capture and exploit all possible heat / heat and mass from the combustion of the fuel used in the IC engine, the air so compressed by the compressor and subsequently substantially energized by Heat Transfer or both heat and mass transfer by the waste heat and mass from the system and as an additional option, also by the heat and mass extracted by the heat-pump from the surroundings, being an active working fluid to drive the EC engine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.4711/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING TRANSACTIONS

(51) International classification :G06Q20/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)UPADHYAYA Nishanth
(72)**Name of Inventor :**
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2)UPADHYAYA Nishanth

(57) Abstract :
System and method for enabling transactions. The system includes an application module and a transaction module. The application module is configured to collect data from a user. The transaction module includes a storage module and a processing module. The storage module is configured to store at least a part of the collected data from the user. The processing module is configured to set a temporary authentication code to data collected from user based on a request received from the user; provide the temporary authentication code to the user, third party application or any other specified recipient; and provide at least a part of the stored collected data corresponding to the user, to at least a third-party application, based on authentication carried out using the authentication code and its role in transaction.

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.4712/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WIRE ORGANIZER

(51) International classification :H01L23/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SCHINDEL, RAINER
4)GARDEMANN, ELISABETH

(57) Abstract :
Wire Organizer The present invention relates to a wire organizer (1, 1) for holding at least one electrical line (4, 4), with an organizer body (2) comprising at least one lead-through opening (20, 20) extending from a back side (23) to a front side (24) of the organizer body (2, 2) in an insertion direction (I, I) for leading the electrical line (4) from the back side (23) to the front side (24). Further, the present invention relates to a clamping element (3) for clamping at least one electrical line (4) within the organizer body (2, 2) as well as to a construction kit for a wire organizer (1, 1) and a method for fastening at least one electrical line (4) within the wire organizer (1, 1). In order to fasten the electrical line (4) in a simple, reliable and cost-efficient way, the present invention provides that the at least one lead-through opening (20, 20) is at least partly laterally intersecting with the shaft (21) receiving the clamping element (3) fastening the at least one electrical line (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.566/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : TRANSFER SYSTEM

(51) International classification :B25J
(31) Priority Document No :2012-031982
(32) Priority Date :16/02/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHINICHI KATSUDA

(57) Abstract :
A transfer system includes a substrate positioning device, robots having a first robot and a second robot; and robot control devices, the robot control devices including a first robot control device to which the first robot and the substrate positioning device are connected and a second robot control device to which the second robot is connected. The first robot control device includes an acquiring unit configured to acquire, from the substrate positioning device, at least an absolute deviation amount between the rotation center of the mounting table and a center position of the substrate positioned, and a transmitting unit configured to transmit correction information relying on the absolute deviation amount acquired by the acquiring unit, to the second robot control device to which the second robot is connected.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2013

(21) Application No.757/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROTOR, ROTATING ELECTRICAL MACHINE, AND MANUFACTURING METHOD OF THE ROTOR

(51) International classification :B23P
(31) Priority Document No :2012-173064
(32) Priority Date :03/08/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KENICHI AOKI
3)KIYIOMI INOUE
4)TOSHIYUKI YAMAGISHI

(57) Abstract :
Provided is a rotor, a rotating electrical machine and a manufacturing method of the rotor that manage both high fixing strength and assembling precision as well as realizing operational stability in assembly process. The rotor (3) includes a rotor core (6) in which a center pore (6a) is shaped in the center and a permanent magnet (7) is arranged on the circumference thereof, and a shaft (5), in which a knurling tool shaping part (8a) with a knurling tool (9) shaped and a non-knurling tool shaping part (8b) without a knurling tool (9) shaped are arranged on the peripheral surface and closely inserted into the center pore (6a) such that the center pore (6a) and non-knurling tool shaping part (8b) are present inside the center pore (6a).

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2013

(21) Application No.757/CHENP/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : NOVEL HYDROLASE PROTEIN

(51) International classification :C12N15/09,C12N9/18,C12P41/00
(31) Priority Document No :2010-194630
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069680
Filing Date :31/08/2011
(87) International Publication No :WO 2012/029819 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MIYAKE Ryoma
3)ASADA Kuniko
4)KATOU Ryouhei

(57) Abstract :
The purpose of the present invention is to provide a novel hydrolase which can be used for efficiently producing a (1S 2S) 1 alkoxycarbonyl 2 vinylcyclopropanecarboxylic acid which is a compound useful as an intermediate for the synthesis of a therapeutic agent for hepatitis C through the hydrolysis of a dialkyl 2 vinylcyclopropane 1 1 dicarboxylic acid with an enzyme. The present invention provides a hydrolase protein which comprises an amino acid sequence represented by any one of SEQ ID NO:2 to SEQ ID NO:5 and which has an activity of catalyzing the reaction of the conversion of diethyl 2 vinylcyclopropane 1 1 dicarboxylic acid to (1S 2S) 1 ethoxycarbonyl 2 vinylcyclopropanecarboxylic acid with higher selectivity than that of a protein comprising the amino acid sequence represented by SEQ ID NO:1.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.4657/CHE/2013 A
(43) Publication Date : 24/04/2015

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

(51) International classification :F03B13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The mild wave around Indian costal area is very much suitable to produce the wave power energy through our wave power energy generator. We could produce good current through our wave power generators comparatively very cheaply. When the high power magnet moves up and down through a solenoid it will produce current. When a serial of the solenoid are connected we could get good current. The wave energy is usually very powerful. The moving waves are rotating the roller it will move the piston up and down. A long and thick half round metal cover must be fixed above the roller which will make the unnecessary and opposing waves water to overflow above the roller. This setup will increase the efficiency of the wave generator.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013
(21) Application No.4658/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SINGLE CORE MULTIPLE FOLD HYBRID MEMBRANE FOR FLUID TREATMENT

(51) International classification :B01D61/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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3)MARZIN SHROFF

(57) Abstract :
The present invention relates to a composite filter for water purification and filtration. In particular, the present invention comprises a Single Core Multiple fold Hybrid Membrane for purification of water. The said single core multiple fold hybrid membrane comprises a combination of membranes such as Reverse osmosis membrane, Nanofiltration membrane, ultra filtration membrane, micro filtrations and combinations thereof. In particular, the said hybrid Membrane of the present invention is a composite membrane for purification and filtration of water comprising a combination of (a) Reverse osmosis Membrane and (b) nanofiltration membrane and/or (c) Ultra filtration membrane and (d) a feed channel spacer. The said Single core Multiple fold Hybrid Membrane is formed by a Spiral wound module wherein, the basic unit is a sandwich of flat membrane sheets called a leaf wound around a central perforated tube. The said leaf consists of said combination of membrane sheets placed back to back or multiple independent folds and separated by the said feed channel spacer. In a preferred embodiment, there are multiple layers may be more than one, more than two or more than three and combinations of membranes thereof. The membrane combinations are customized based on the Total Dissolved Solids or Salts (TDS) of the Input water. The TDS of the water is the combined output TDS of the filtered water from the combination of the membranes used for purification. Furthermore, said membrane advantageously reduces the rejection of water as waste water, as it comprises a combination of membranes such as Reverse Osmosis and nanofiltration to achieve the highest purity of water filtration.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/12/2012

(21) Application No.10925/CHENP/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : OPTICALLY ACTIVE DIBENZYLAMINE DERIVATIVE AND MANUFACTURING METHOD FOR SAME

(51) International classification	:C07D239/47,A61K31/505,A61P3/06
(31) Priority Document No	:2010128585
(32) Priority Date	:04/06/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/062751 :03/06/2011
(87) International Publication No	:WO 2011/152508
(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)KOWA COMPANY LTD.
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(72)**Name of Inventor :**
1)OHGIYA Tadaaki
2)MURAKAMI Takeshi
3)MIYOSAWA Katsutoshi
4)SHIBUYA Kimiyuki
5)YAMAZAKI Koichi
6)KUSAKABE Taichi

(57) Abstract :
A substantially optically pure (S) trans {4 [({2 [({1 [3 5 bis(trifluoromethyl) phenyl] ethyl}{5 [2 (methylsulfonyl) ethoxy] pyrimidine 2 yl} amino) methyl] 4 (trifluoromethyl) phenyl} (ethyl) amino) methyl] cyclohexyl} aceitic acid having the effect of reducing the amount of PCSK9 proteins and increasing the amount of LDL receptors or a salt thereof or a solvate thereof.

No. of Pages : 68 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013
(21) Application No.4698/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COVER FOR CONTINUOUS VARIABLE TRANSMISSION ASSEMBLY OF A SCOOTER TYPE VEHICLE

(51) International classification :F16H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)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)SACHIN RAMACHANDRA PHADNIS
2)KOTHA VENKATA NAGA SUDHAKAR
3)CHITHAMBARAM SUBRAMONIAM

(57) Abstract :
Given description discloses a protective cover for CVT air outlet such that entry of foreign particles due to centrifugal suction pressure in CVT can be avoided. A grill cover is disclosed for an air outlet of the CVT cover that forms a mesh kind structure in front of air outlet. This grill cover facilitates normal outlet for air thus cooling of CVT is not affected as well as said grill cover prevents entry of foreign particles because of its mesh kind structure. Provided grill cover can be fixed into the slot provided for air outlet in CVT cover by different fixing mechanisms.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.4785/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : WIRELESS SENSOR NETWORK BASED SMART PARKING SYSTEM

(51) International classification :G08B
(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

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(72)**Name of Inventor :**
1)DEBABRATA DAS
2)JOSEPH JEFFREY
3)JYOTSNA BAPAT
4)ROSHAN GAJANAN PATIL
5)SKANDA KUMAR KAIPU NARAHARI
6)YOGISH DIDAGI

(57) Abstract :
The present invention relates to a wireless sensor network based smart vehicle parking system for an indoor parking facility. Specifically, the present invention relates to an automated parking system for monitoring the availability of free parking slots and to identify the nearest parking slot by means of cost effective and energy efficient sensor motes, wherein each of the sensor mote is provided only at the parking slot thereby reducing the requirement of the sensor motes by 50%. A communication interface is configured to transmit the parking availability information over a network to the user interfaces display device configured to display the parking availability information. Further, the system sends the information such as parking slot allotted, time parked, billing information and directional details to the users mobile phone via Short Message Service (SMS).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.4715/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SPARSE SINGLE TRANSMITTER MULTIPLE RECEIVERS (STMR) ARRAY FOR GUIDED WAVE HEALTH MONITORING OF PLATE STRUCTURES

(51) International classification :A61B
(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

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(72)**Name of Inventor :**
1)Mithunraj. K. K
2)Johnson B. Lakra
3)Krishnan Balasubramaniam
4)Prabhu Rajagopal

(57) Abstract :
A structural health monitoring system for large plate-like structures is provided. The system comprises an array of transducers embedded on saidstructure. The transducers are distributed in an irregular fashion/manner using Poisson disk technique. Further the system includes anexciting element to generate ultrasonic guided waves of a predetermined frequencyin at least one of thetransducers. Furthermore the system includes a signal processing moduleto process received signals reflected from damage to detect said damage in the structure. The system also includes an imaging modulein communication with said signal processor to capture and re-construct at least a portion of the structure under observation.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013

(21) Application No.984/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ARMATURE OF LINEAR MOTOR, LINEAR MOTOR AND METHOD OF MANUFACTURING ARMATURE

(51) International classification	:B65H	(71)**Name of Applicant :**
(31) Priority Document No	:2012-052279	**1)KABUSHIKI KAISHA YASKAWA DENKI** Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 Japan
(32) Priority Date	:08/03/2012	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)YASUAKI KAMIKI**
(87) International Publication No	: NA	**2)SEIGOU NAGAMATSU**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
An armature (10) of a linear motor (100) is provided. The armature (10) includes an armature core (1) having a plurality of teeth (11) arranged linearly and spaced at predetermined intervals, and a plurality of bobbins (2) fitted onto adjacent teeth (11), each of the bobbins (2) having flange parts (21, 22), a winding (3) being wound around the bobbin (2) to form a coil. At least one of the flange parts (21, 22) of the bobbin (2) is formed with a first protrusion (41) and a second protrusion (42). An overlapped section (4) is formed by the first and second protrusions (41, 42) of two adjacent bobbins (2) contacting or overlapping with each other.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2013

(21) Application No.7459/CHENP/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : C 4 POSITION SUBSTITUTED MACROLIDE DERIVATIVE

(51) International classification :C07H17/08,A61K31/7048,A61P31/04
(31) Priority Document No :2011034578
(32) Priority Date :21/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054677
Filing Date :20/02/2012
(87) International Publication No :WO 2012/115256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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3)KUROSAKA Jun
4)HAYASHI Masato
5)YAMAMOTO Kanako
6)KASHIMURA Masato
7)USHIKI Yasunobu
8)OGITA Haruhisa
9)MIURA Tomoaki
10)KANEMOTO Kenichi
11)KUMURA Kou
12)YOSHIDA Satoshi
13)TAMURA Keiji
14)SHITARA Eiki

(57) Abstract :
A macrolide compound represented by the formula (I) effective against erythromycin resistant bacteria (for example resistant pneumococci streptococci and mycoplasmas).

No. of Pages : 337 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014

(21) Application No.791/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : COMPOSITION FOR ELIMINATION OF TROUBLESOME VARMINTS

(51) International classification :A01N37/00
(31) Priority Document No :TO2013A000493
(32) Priority Date :14/06/2013
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DETERMINANTS OF METABOLISM RESEARCH LABORATORY S.R.L.
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(72)**Name of Inventor :**
1)DIOGUARDI, FRANCESCO SAVERIO

(57) Abstract :
Composition for elimination of troublesome varmints comprises all the non-essential amino acids alanine, glycine, proline, serine, tyrosine, aspartic acid, asparagine, glutamic acid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.854/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : APPARATUS, METHOD AND SYSTEM FOR DIAGNOSING REDUCTANT DEPOSIT IN AN EXHAUST AFTERTREATMENT SYSTEM

(51) International classification :F01N
(31) Priority Document No :13/783,025
(32) Priority Date :01/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CUMMINS IP, INC.
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(72)**Name of Inventor :**
1)DOUGLAS A. MITCHELL
2)ANDREW W. OSBURN
3)JASON DROST
4)JAMES F. BURKE
5)JOSEPH M. BRAULT

(57) Abstract :
An exhaust gas treatment system for an internal combustion engine may have a reductant delivery system that delivers reductant to an exhaust stream in an exhaust aftertreatment system. A temperature sensor may be positioned in or near the flow of reductant and exhaust to measure the temperature of the reductant and exhaust. A change in temperature over time, such as an increase, decrease, or exchange in variation amplitude, may indicate the presence of a reductant deposit in the system. Detection of the deposit may initiate a regeneration cycle in which the operating characteristics of the system change to eliminate the reductant deposit to prevent it from hindering the performance of the exhaust aftertreatment system.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.5155/CHE/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT, ROBOT HAND, AND METHOD FOR ADJUSTING HOLDING POSITION OF ROBOT HAND

(51) International classification :B25J
(31) Priority Document No :2012-008824
(32) Priority Date :19/01/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TETSUYA MIYOSHI

(57) Abstract :
A robot includes a robot hand, an arm unit, and a controller. The robot hand includes a movable portion. To the arm unit, the robot hand is mounted. The controller is configured to control the arm unit to move the movable portion of the robot hand so as to adjust a holding position of the robot hand relative to a to-be-held object.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.5253/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT SYSTEM, ROBOT HAND, ROBOT, AND A ROBOT CONTROL METHOD

(51) International classification :B25J
(31) Priority Document No :2012-253580
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KATSUMI TAKIZAWA

(57) Abstract :
A robot system includes a robot having one or more drive shafts, a hand attached to the robot and configured to hold a container having an opening through which contents are put in and taken out of the container, and a controller for controlling operations of the robot and the hand. The controller is configured to perform an operation of moving the hand to a holding position to hold the container, an operation of moving the hand to a discharging position and tilting the container to discharge the contents through the opening, and an operation of moving the hand to a placing position to release the container held by the hand.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.5254/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT SYSTEM

(51) International classification :B25J
(31) Priority Document No :2012-253491
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DAISUKE IRUMA
2)YUSUKE MINAMI

(57) Abstract :
A robot system includes a plurality of claw members movably provided in a hand and configured to hold and release a workpiece. Further, one or more servo motors is provided to move the claw members. A controller controls an operation of each of the servo motors. The controller includes an acquisition unit configured to acquire dimension information of the workpiece, a position control unit configured to perform position control on the servo motors so that the claw members move to first positions and then to second positions pursuant to the dimension information, and a torque limiting unit configured to limit a torque command relating to each of the servo motors to a predetermined torque or less after the claw members are moved to the first positions.

No. of Pages : 72 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.731/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INJECTION MOLD AND INJECTION-MOLDED PART

(51) International classification :B29B
(31) Priority Document No :10 2013 107 468.5
(32) Priority Date :15/07/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PAS Deutschland GmbH
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(72)**Name of Inventor :**
1)Dr. Michael Seikel
2)Robert Schulze

(57) Abstract :
There is disclosed an injection mold which may allow for a uniform flow front of the thermo-plastic melt during the injection mold process. Further, a corresponding injection-molded part is disclosed.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.763/CHE/2014 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT SYSTEM, CONTROL APPARATUS, AND METHOD OF MANUFACTURING WORK PIECE

(51) International classification :B25J
(31) Priority Document No :2013-055373
(32) Priority Date :18/03/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SHINICHI ISHIKAWA
3)TOMOKI KAWANO

(57) Abstract :
A control apparatus (10) generally performs a control such that a robot (20) picks up components (31-35) from a component loading tray (30) in order according to an assembling sequence and assembles the components. Meanwhile, when the robot (20) fails to pick up the components according to the assembling sequence, the control apparatus (10) controls the operation of the robot (20) such that the robot (20) first picks up a component having a high picking-up possibility and first assembles the corresponding picked-up components according to the assembling sequence between the corresponding picked-up components. Thereafter, the control apparatus (10) changes a picking-up condition and controls the operation of the robot (20) such that the robot (20) picks up the components before assembling based on the changed picking-up condition and assembles the components.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4770/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ROBOT FOR PERFORMING BANKING OPERATIONS

(51) International classification :G06Q20/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GEEKY TECHNOLOGY AND CONSULTING PVT. LTD.
(72)**Name of Inventor :**
1)JAIN, Arun
2)KUPPUSWAMY, Rajesh
3)LAKSHMANAN, Balaji
4)KUMAR, Yogesh

(57) Abstract :
An intelligent, mechanized, and automated system (100) capable of interactive assistance to customers on functions related to a financial institution comprising a processor (204) and a guiding module (214) to detect presence of a customer in vicinity of the intelligent system (100) based on sensor data. The guiding module (214) instructs a mechanized unit (234) to keep the intelligent system (100) stationary unless given an instruction to move the intelligent system (100) to an area in proximity to the customer. An authentication module (216) authenticates the customer based on customer credentials received from the customer and authentication data (230). An instruction module (218) renders a list of one or more banking transactions to the customer and receives a customer selection indicating the at least one banking operation. Further, the intelligent system comprises an operations module (220) to perform the at least one banking operation based on the customer selection.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.4771/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : INTELLIGENT SYSTEM FOR VIDEO TELECONFERENCING

(51) International classification	:H04N7/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)POLARIS FINANCIAL TECHNOLOGY LTD.**
(32) Priority Date	:NA	Address of Applicant :Polaris House, 244 Anna Salai Chennai
(33) Name of priority country	:NA	600006 Andhra Pradesh India
(86) International Application No	:NA	**2)GEEKY TECHNOLOGY AND CONSULTING PVT.**
Filing Date	:NA	**LTD.**
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)JAIN, Arun**
Filing Date	:NA	**2)KUPPUSWAMY, Rajesh**
(62) Divisional to Application Number	:NA	**3)LAKSHMANAN, Balaji**
Filing Date	:NA	**4)KUMAR, Yogesh**

(57) Abstract :
Intelligent system(s) and method(s) for video conferencing are described. According to the present subject matter, a intelligent system (102) implements the described method(s) for mobile video teleconferencing. The method includes obtaining video signal from a video capturing device (202) for at least one remote teleconferencing unit, where the video capturing device (202) is capable of movement along with the mechanical movements of the intelligent system (102). The method further includes transmitting the video signal to the at least one remote teleconferencing unit and; receiving a content from the at least one remote teleconferencing unit. The method also includes providing the content to at least one display unit, where the at least one display unit is capable of movement along with the mechanical movements of the intelligent system (102).

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2013

(21) Application No.4626/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR SELECTING AN OPTIMAL DRX CONFIGURATION

(51) International classification :H04W76/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RANGARAJ MANAVALAN KARTHIK
2)ARVIND SURAPURA CHAKRAPANI

(57) Abstract :
A method and system for selecting an optimal DRX configuration for a User Equipment (UE) in a communication network is provided. An expression for expected maximum delay experienced by a packet arriving during the off-duration is derived for any packet arrival process (either known arrival process or unknown arrival process). Further, the method for computing the active duration in any DRX cycle with the expected delay to be less than a given threshold by considering all the timers in the communication network is provided. The DRX cycle configuration with minimum active duration is selected as optimal DRX configuration by the UE and UE informs the optimal DRX configuration to the network.

No. of Pages : 49 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2013

(21) Application No.4627/CHE/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : MEMORY ARRAY ARCHITECTURES HAVING MEMORY CELLS WITH SHARED WRITE ASSIST CIRCUITRY

(51) International classification :G11C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1320 RIDEER PARK DRIVE, SAN JOSE, CALIFORNIA 95131 U.S.A.
(72)**Name of Inventor :**
1)MOHAMMED SAIF KUNJATUR SHEIKH
2)SETTI SHANMUKHESWARA RAO
3)VINOD RACHAMADUGU

(57) Abstract :
A memory device includes a memory array having a plurality of memory cells each having first and second power supply nodes, first and second virtual power supply nodes, a latch circuit, and a write assist circuit. The latch circuit includes a first and second inverters in a cross-coupled inverter configuration. The first inverter is connected between the first virtual power supply node and the second power supply node, and the second inverter is connected between the second virtual power supply node and the second power supply node. The write assist circuit selectively supplies power to the first and second virtual power supply nodes during memory access operations, and is controlled by a first control signal to switchably connect the first power supply node to and from the first and second virtual power supply nodes, and a second control signal to switchably connect the one or both of the first and second virtual power supply nodes to a virtual power supply node of an adjacent memory cell of an adj acent row in the memory array.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2012

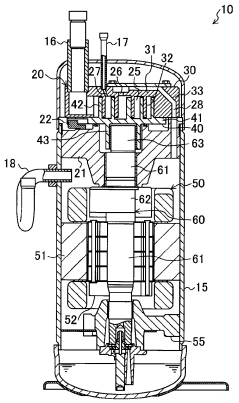
(21) Application No.2404/KOLNP/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SCROLL COMPRESSOR

(51) International classification :F04C18/02
(31) Priority Document No :2010-030624
(32) Priority Date :15/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000814
Filing Date :14/02/2011
(87) International Publication No :WO 2011/099308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAIKIN INDUSTRIES LTD.
Address of Applicant :Umeda Center Building, 4-12, Nakazaki-Nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, Japan
(72)**Name of Inventor :**
1)NAKAMURA Souichi
2)JOUMURA Shuuichi
3)NAGAHARA Kenji
4)KITAURA Hiroshi

(57) Abstract :
An injection port (27) to communicate with a compression chamber (25) during a compressing operation is formed in a stationary scroll (30). Refrigerant oil separated from refrigerant discharged from a scroll compressor (10) is introduced from the injection port (27) to the compression chamber (25) together with gas refrigerant having an intermediate pressure. The portions of teeth bottom surfaces (31a 41a) of the stationary scroll (30) and the rotary scroll (40) that face the compression chamber (25) communicating with the injection port (27) function as intermediate teeth bottom areas (36 46). The portions of the teeth bottom surfaces that are closer to the outer peripheral side end portions of laps (32 42) than the intermediate teeth bottom areas (36 46) function as suction side teeth bottom areas (35 45). Regarding the clearances between the teeth bottom surfaces (31a 41a) and the tip surfaces (42a 32a) of the laps (42 32) the values of the clearances in the suction side teeth bottom areas (35 45) are larger than those in the intermediate teeth bottom areas (36 46).



No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2012

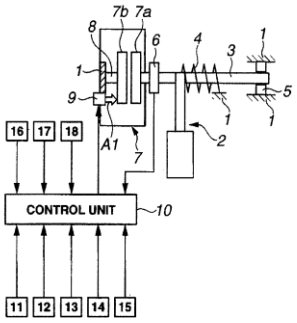
(21) Application No.2714/KOLNP/2012 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ACCELERATOR PEDAL FORCE CONTROL DEVICE

(51) International classification :B60K26/04
(31) Priority Document No :2010-038187
(32) Priority Date :24/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050438
Filing Date :13/01/2011
(87) International Publication No :WO 2011/105125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NISSAN MOTOR CO., LTD.
Address of Applicant :2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023,JAPAN
(72)**Name of Inventor :**
1)SAKAGUCHI Shigeyuki
2)SHIOMI Masao
3)OMORI Masahiro

(57) Abstract :
When an accelerator opening exceeds an opening threshold, the base force of the accelerator pedal is increased. The quantity of increase of the pedal force is varied depending on the accelerator opening so as to approach a characteristic wherein the pedal force increases at a given rate with respect to the increase of the accelerator opening. For example, when employing a mechanism with a concave characteristic wherein the rate of increase of base force decreases as the accelerator opening increases, the quantity of force increase is increased as the accelerator opening increases. Conversely, when employing a mechanism with a convex characteristic wherein the rate of base force increases as the accelerator opening increases, the quantity of pedal force increase is decreased as the accelerator opening increases.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2009

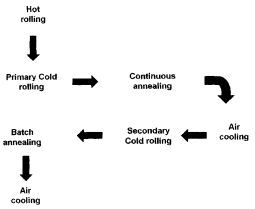
(21) Application No.877/KOL/2009 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ULTRA LOW CARBON THIN STEEL SHEET WITH HIGH R BAR VALUE

(51) International classification :C21D8/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR 831001 INDIA
(72)**Name of Inventor :**
1)RAJIB SAHA
2)ARUNANSU HALDAR
3)R.K. ROY

(57) Abstract :
The low carbon steel sheets having a r bar value in the range of 2.6 to 2.72 and a thickness in the range of 180 μm to 300 μm.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2009

(21) Application No.2664/KOLNP/2009 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : ELECTROMAGNETIC VALVE

(51) International classification :F16K11/044
(31) Priority Document No :103 49 378.6
(32) Priority Date :21/10/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/011913
Filing Date :21/10/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1022/KOLNP/2006
Filed on :21/04/2006

(71)**Name of Applicant :**
1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.
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2)PERTHEL, KLAUS
(72)**Name of Inventor :**
1)PERTHEL, KLAUS
2)JAUSS, ANDREAS

(57) Abstract :
The invention relates to an electromagnetic valve for a vehicle gas cylinder, said valve comprising: a valve body (4); an external thread section of the valve body, that can be screwed into an internal thread on the gas cylinder; a section of the valve body (4) protruding into the gas cylinder; a shut-off piston (31); and electromagnetic control elements (25, 28, 29) which can be used to displace the shut-off piston (31) from a conducting position into a closed position. The valve body (4) comprises a cavity (15) for receiving the shut-off piston (31) and the control elements (25, 28, 29), said cavity being located inside the thread section and/or in the section of the valve body (4) protruding into the gas cylinder. In order to simplify the disassembly and assembly of one such valve, the mouth of the cavity (15) is arranged on the head end of the valve body (4) located outside the gas cylinder. The shut-off piston (31) and the electromagnetic control elements (25, 28, 29) can be inserted into the cavity (15) through the mouth thereof.

No. of Pages : 31 No. of Claims : 2

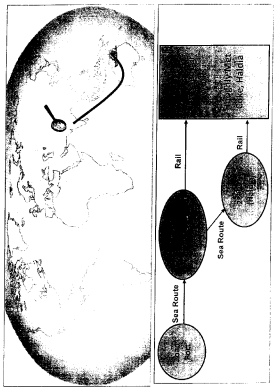
(12) PATENT APPLICATION PUBLICATION
(21) Application No.123/KOL/2010 A
(19) INDIA
(22) Date of filing of Application :10/02/2010
(43) Publication Date : 24/04/2015

(54) Title of the invention : A SYSTEM FOR RAW MATERIAL PLANNING AND IMPORT MANAGEMENT

(51) International classification :B65G67/60
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA STEEL LIMITED
Address of Applicant :RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION JAMSHEDPUR-831 001 INDIA
(72)**Name of Inventor :**
1)BANDYOPADHYAY, BHASKAR
2)RAJIV
3)RAJENDRAN, R.
4)BASU, SWASTIKA

(57) Abstract :
The present invention relates to a system for planning and import of raw materials for a metal industry, for example, a steel plant.



No. of Pages : 43 No. of Claims : 5

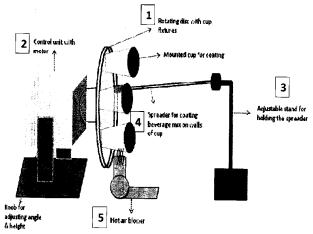
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.1194/KOL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PRE-COATED SINGLE SERVING BEVERAGE CUPS

(51) International classification	:H04W 92/00	(71)**Name of Applicant :** **1)ITC LIMITED** Address of Applicant :37, J.L.NEHRU ROAD, KOLKATA - 700 071, STATE OF WEST BENGAL, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)FATIMA, HUMAIRA** **2)SHEKHAR, ARVIND CHANDRA** **3)ALPHONSE, PETER AMALA SUJITH** **4)ANANTHANAG, THAMBRAHALLI**
(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 and a method for coating single serving beverage cups eliminating the use of sachets.



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

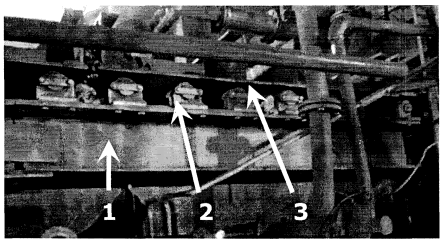
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2013

(21) Application No.1196/KOL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A HANDLING AND PLACEMENT DEVICE FOR SINTERING PLANT IGNITION HOOD REFRACTORY CAST BEAMS.

(51) International classification	:B66C 1/00	(71)**Name of Applicant :** **1)STEEL AUTHORITY OF INDIA LIMITED** Address of Applicant :RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002 JHARKHAND INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)PARTHA BANERJEE**
(87) International Publication No	: NA	**2)TULSI PRASAD DAS**
(61) Patent of Addition to Application Number	:NA	**3)SUBHRA DHARA**
Filing Date	:NA	**4)SREENIVASA REDDY THODIMI**
(62) Divisional to Application Number	:NA	**5)SURESH PRASAD**
Filing Date	:NA	**6)PRABHAS KUMAR**

(57) Abstract :
The present invention relates to a handling and placement device for sintering plant ignition hood refractory cast beams avoiding the limitation of EOT crane approach over ignition hood. The device involves a roller table which has been fabricated and fixed over a pair of horizontal beams placed on two sides outside the ignition hood, parallel to the furnace side wall and inside the main column. Support of the beams has been taken from the main column. The roller assemblies are fixed on these beams at the designed locations. The present system allow EOT crane to directly place the refractory beams on roller table outside the furnace, after which beams are handled and placed easily on rollers at the desired location away from crane approach. Both way movements of beams on roller table with simple push/pull made it easier to place/ remove refractory beams from either side, with minimum time, effort and damage during handling, thus minimising downtime for maintenance, increasing machine availability and reducing cost of operation.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2011

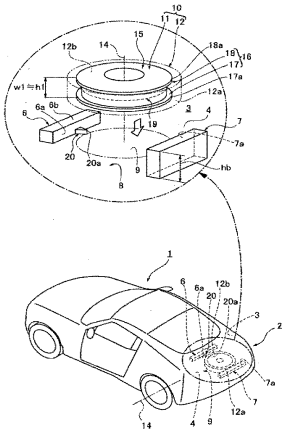
(21) Application No.5198/KOLNP/2011 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : SPARE-TIRE INSTALLATION STRUCTURE

(51) International classification :B62D 21/15
(31) Priority Document No :2009-159874
(32) Priority Date :06/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2010/001657
Filing Date :06/07/2010
(87) International Publication No :WO 2011/004240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :2, TAKARA-CHO, KANAGAWA-KU YOKOHAMA-SHI, KANAGAWA 221-0023, JAPAN
(72)**Name of Inventor :**
1)ATSUSHI SAKITA
2)TAKESHI MISHIMA
3)MASAYA WATANABE

(57) Abstract :
A rim width (1) between inner and outer rim rings (17a, 18a) of a spare tire wheel (11) is substantially equal to substantially the entire height (hi) of a tire body (12) in a substantially horizontal position. The inner and outer rim rings (17a, 18a) are disposed on inner and outer drum portions (17, 18), respectively, joining at a junction (19). The junction is located adjacent to the position of a top surface of a rear cross member (6) in the vertical direction of the vehicle. A wheel-fracture facilitating member (20) protrudes from a rear surface (6a) of the rear cross member toward a spare-tire installation area (9) with an acute end (20a) thereof facing the inner drum portion (17). When the spare tire wheel (11) is fractured at the junction (19) by the rear cross member (6), the inner drum portion (17) is easily crushed by the wheel-fracture facilitating member (20).



No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.1183/KOL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A MOSQUITO REPELLING INCENSE STICK AND THE PROCESS OF PREPARING THE SAME.

(51) International classification	:A01N 65/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUPARNA GHOSHAL
Address of Applicant :25/266, CHOWMATHA,CHINSURAH, HOOGLY. West Bengal India
(72)**Name of Inventor :**
1)SUPARNA GHOSHAL

(57) Abstract :
The present invention relates to a novel incense stick for mosquito repelling. More particularly, the present invention relates to the herbal formulation of the incense stick which is prepared by using 150 g of Eucalyptus and 400 g of citronella and 100 g of methi and 150 g of Arrowroot and 100 g of coconut dust and 200g of Tea leaf and 100g of Tulsi, 150 g of Dhuno and 300g of Neem etc. Moreover this invention relates to the process for the preparation of the above composition and stick.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

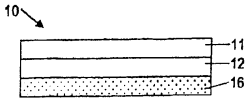
(21) Application No.1184/KOL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : PROCESSES FOR THE REMOVAL OF LABELS FROM MATERIALS

(51) International classification	:G09F 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AVERY DENNISON CORPORATION
Address of Applicant :150 N. ORANGE GROVE BLVD. PASADENA, CALIFORNIA 91103 United States of America
(72)**Name of Inventor :**
1)HEEDERIK PETER J.
2)NAIR HEMANT R.
3)HIRE SANTOSH L.

(57) Abstract :
A method for removing a label affixed to a material includes exposing the label to one or more of heat, hot gas, or hot liquid having a predetermined temperature, in the absence of any caustic solution, for a period sufficient for the label to release from the material to which it was affixed.



No. of Pages : 90 No. of Claims : 32

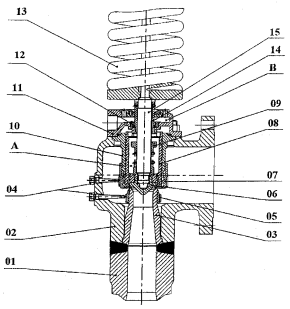
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.1189/KOL/2013 A
(43) Publication Date : 24/04/2015

(54) Title of the invention : A PRESSURE RELIEVING DEVICE FOR HIGH CAPACITY,HIGH TEMPERATURE AND HIGH PRESSURE STEAM IN SUPER CRITICAL BOILER

(51) International classification	:F16C 17/00	(71)**Name of Applicant :** **1)BHARAT HEAVY ELECTRICALS LIMITED** Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)ELAYAPERUMAL ATHIANNAVI**
Filing Date	:NA	**2)SIDDHAN MADHULINGAM**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The invention relates to a pressure relieving device for high capacity, high temperature and high pressure steam in super critical boiler, comprising a base (02) integrated with an inlet neck (01) and a seat bushing (03), a closing element disc (06), connected to a first end of a spindle (15) and, a disc holder (08) in a tandem guide (10), the assembly being connected to the base (02) including a cover plate (11), a second end of the spindle (15) connected to a spring (13); one each first and second chamber (A, B) for entry and exhaust of steam, the first chamber (A) receiving steam from the disc holder (08), the second chamber (B) receiving steam from the first chamber (A) through a secondary area formed by a floating washer (12) and a spindle overlap collar (14) formed on the spindle (15); one each upper and lower adjusting rings (07, 05) allows attaining a 100 percent lift of the spindle (15), the spindle lift being restricted upon attaining said lift by a lift stop (09) resting against the cover plate (11); the spindle overlap collar (14) during discharge by the valve is enabled to rise to a fixed position above the floating washer (12), the spindle overlap collar (14) further being enabled during closing of the valve spindle to move down to the floating washer (12), wherein the overlap collar (14) is constructed to have two differential diameters to allow an increase an area between the floating washer (12) and the spindle (15), wherein the movement of the overlap collar (14) above and below the floating washer (12) resulting a downward thrust in a direction of the spring loading leading to a positive and precise closing of the valve device, wherein the base (02), the inlet neck (01), and the seat bushing (03) are respectively formed with A351-CF8M, A182-F91, and A182-F347H materials, and wherein the base, inlet neck, and seat bushing are formed as a single integrated component through a welding process of dissimilar materials.



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

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.

Serial Number	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	266232	3910/DELNP/2007	02/11/2005	02/11/2004	REVERSE MICELLES BASED ON PHYTOSTEROLS AND ACYLGLYCEROLS AND THERAPEUTIC USES THEREOF	MEDISIS PHARMA SA	31/08/2007	DELHI
2	266238	9183/DELNP/2007	30/05/2006	28/05/2005	A METHOD FOR PASSIVATING A PRINTHEAD ASSEMBLY	XAAR TECHNOLOGY LIMITED	18/01/2008	DELHI
3	266241	2658/DELNP/2007	07/09/2005	15/10/2004	SET OF RINGS	LOVEKEY DIFFUSION SA	03/08/2007	DELHI
4	266250	523/DEL/2006	28/02/2006		INTRAVAGINAL GEL COMPOSTITION AND METHOD FOR EARLY TERMINATION OF PREGNENCY	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	23/11/2007	DELHI
5	266254	7558/DELNP/2006	22/06/2005	28/06/2004	METHODS FOR PRODUCING AND PURIFYING 2-HYDROCARBYL-3,3-BIS(4-HYDROXYARYL)PHTHALIMIDINE MONOMERS AND POLYCARBONATS DERIVED THEREFROM	SABIC Innovative Plastics IP B.V.	17/08/2007	DELHI
6	266256	726/DELNP/2006	12/08/2004	12/08/2003	DEVICE FOR DELIVERY OF A MEDICAMENT	BECTON, DICKINSON AND COMPANY	17/08/2007	DELHI
7	266272	4462/DELNP/2006	01/02/2005	02/02/2004	A COMPOSITE STRUCTURE	L & L PRODUCTS INC.	24/08/2007	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.

Serial Number	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	266226	2355/MUM/2008	05/11/2008 14:04:27	07/11/2007	SHEET HANDLING DEVICE •	HITACHI-OMRON TERMINAL SOLUTIONS CORP.	12/06/2009	MUMBAI
2	266228	564/MUMNP/2008	14/12/2005	06/10/2005	DEVICE AND METHOD FOR MERGING CODECS	HUMAX HOLDINGS CO., LTD.	11/04/2008	MUMBAI
3	266234	2337/MUMNP/2008	03/05/2007	05/05/2006	DETECTION OF THROMBOEMBOLIC VENOUS DISEASES BY ASSAYING D-DIMERS AND SOLUBLE FIBRIN	DIAGNOSTICA STAGO ,ASSISTANCE PUBLIQIJE - HOPITAUX DE PARIS	27/02/2009	MUMBAI
4	266235	453/MUMNP/2008	08/09/2006	22/09/2005	COMPOSITION OF ENHANCED STABILITY AND A PROCESS FOR MAKING SUCH A COMPOSITION	HINDUSTAN UNILEVER LIMITED	28/03/2008	MUMBAI
5	266236	1643/MUMNP/2008	22/01/2007	26/01/2006	PRESSURE SENSOR FAULT DETECTION	ROSEMOUNT INC.	03/10/2008	MUMBAI
6	266239	1734/MUMNP/2009	13/03/2008	14/03/2007	PROCESS FOR THE SYNTHESIS OF IB-MECA	CAN-FITE BIOPHARMA LTD	28/05/2010	MUMBAI
7	266244	814/MUMNP/2009	08/09/2007	29/09/2006	AN IMPROVED PROCESS FOR THE PREPARATION OF TEMOZOLOMIDE AND ANALOGS •	CIPLA LIMITED	22/05/2009	MUMBAI
8	266247	1099/MUMNP/2009	28/11/2007	09/01/2007	A PROCESS OF MANUFACTURE OF A COMPOSITION WITH A WATER HYDRAULIC BINDER BASE OF A RHEOLOGICAL ADDITIVE	COATEX S A S	17/07/2009	MUMBAI
9	266253	193/MUM/2007	02/02/2007 15:22:54		A SYSTEM FOR ON-LINE CLEANING OF COOLING AND TOP GAS PACKING SCRUBBERS IN COREX	JSW STEEL LIMITED	26/09/2008	MUMBAI
10	266255	2210/MUMNP/2010	23/03/2009	18/04/2008	METHOD FOR DEVELOPING A DAIRY PROTEIN CAKE •	FRITO-LAY NORTH AMERICA INC.	02/12/2011	MUMBAI
11	266258	1292/MUM/2006	17/08/2006		PROCESS FOR REGENARATION OF METAL HALIDE SOLUTION AND ITS REUSE IN THE HALOGENATION PROCESS	DEEPAK NITRITE LIMITED	25/07/2008	MUMBAI

12	266262	1183/MUMNP/2007	11/01/2005	11/01/2005	FACILITATING EARLY MEDIA IN A COMMUNICATIONS SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	19/10/2007	MUMBAI
13	266266	1787/MUMNP/2008	21/02/2007	21/02/2006	HYBRID VEHICLE CONTROLLER	TOYOTA JIDOSHA KABUSHIKI KAISHA	03/10/2008	MUMBAI
14	266275	1029/MUM/2005	29/08/2005	27/09/2004	METHOD AND DEVICE FOR MULTI-STATE INTERFEROMETRIC LIGHT MODULATION	QUALCOMM MEMS TECHNOLOGIES,INC.	29/06/2007	MUMBAI
15	266276	1675/MUMNP/2008	02/03/2007	03/03/2006	TOWEL PRODUCT	UCHINO CO.,LTD	19/12/2008	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.

Serial Number	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	266225	2485/CHE/2007	01/11/2007		DATA TREND DISPLAY SWITCHING DEVICE AND A METHOD	SKANRAY HEALTHCARE PRIVATE LIMITED	25/09/2009	CHENNAI
2	266227	3442/CHENP/2008	04/01/2007	05/01/2006	A CAST END SHIELD FOR AN ELECTRICAL MACHINE	ABB TECHNOLOGY AG	06/03/2009	CHENNAI
3	266229	1168/CHENP/2008	02/08/2006	09/08/2005	REACTIVE DYES, THEIR PREPARATION AND THEIR USE	HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH	12/09/2008	CHENNAI
4	266237	4025/CHENP/2007	15/03/2006	17/03/2005	COMPOSITIONS OF ETHYLENE/ALPHA-OLEFIN MULTI-BLOCK INTERPOLYMER SUITABLE FOR FILMS	DOW GLOBAL TECHNOLOGIES LLC	23/11/2007	CHENNAI
5	266240	2687/CHENP/2007	21/12/2005	22/12/2004	METHOD FOR DERIVATIZING A POLYPEPTIDE	AMBRX, INC.,	07/09/2007	CHENNAI
6	266242	4445/CHENP/2007	08/03/2006	08/03/2005	METHODS AND APPARATUSES FOR DATA RATE ADAPTATION	QUALCOMM INCORPORATED	25/01/2008	CHENNAI
7	266259	2998/CHENP/2007	06/01/2006	07/01/2005	METHODS AND APPARATUS PROVIDING SECURITY TO COMPUTER SYSTEMS AND NETWORKS	CISCO TECHNOLOGY, INC.	07/09/2007	CHENNAI
8	266260	4043/CHENP/2007	15/03/2006	16/09/2005	CAP LINERS, CLOSURES AND GASKETS FROM MULTI-BLOCK POLYMERS	DOW GLOBAL TECHNOLOGIES LLC	23/11/2007	CHENNAI
9	266261	3564/CHENP/2007	14/02/2006	15/02/2005	A METHOD AND A WIRELESS SYSTEM	KONNINKLIJKE PHILIPS ELECTRONICS N.V	16/11/2007	CHENNAI
10	266263	4023/CHENP/2007	15/03/2006	17/03/2005	INTERPOLYMERS OF ETHYLENE/ALPHA-OLEFINS BLENDS AND PROFILES AND GASKETS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	23/11/2007	CHENNAI
11	266264	134/CHENP/2009	07/08/2007	08/08/2006	AN APPARATUS TO MITIGATE INTERMODULATION DISTORTION AND A METHOD THEREOF	QUALCOMM INCORPORATED	29/05/2009	CHENNAI

12	266268	4595/CHENP/2006	28/08/2006	09/12/2005	METHOD AND DEVICE FOR FAULT DETECTION IN AN N-WINDING THREE-PHASE POWER TRANSFORMER	ABB TECHNOLOGY LTD	29/06/2007	CHENNAI
13	266269	3758/CHENP/2007	26/01/2006	28/01/2005	POWER SITUATION INDICATOR	BELL HELICOPTER TEXTRON, INC	23/11/2007	CHENNAI
14	266270	4583/CHENP/2008	12/02/2007	01/03/2006	A HYBRID POSITIONING METHOD AND DEVICE	AIRBUS HELICOPTERS	13/03/2009	CHENNAI
15	266271	1444/CHE/2005	07/10/2005	03/10/1997	PROCESS FOR PREPARING BOUND ZEOLITES	VERSALIS S.P.A	14/09/2007	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.

Serial Number	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	266230	730/KOLNP/2008	17/08/2006	17/08/2005	METHOD FOR PRODUCING 4-HALOCATECHOL COMPOUND	UBE INDUSTRIES, LTD.	21/11/2008	KOLKATA
2	266231	349/KOLNP/2009	16/07/2007	06/08/2006	SURFACE-MODIFIED PARTICLES AND PRODUCTION METHOD	BYK-CHEMIE GMBH	08/05/2009	KOLKATA
3	266233	2789/KOLNP/2006	17/03/2005	26/03/2004	DATABASE MANAGEMENT SYSTEM WITH PERSISTENT USER-ACCESSIBLE BITMAP VALUES	ORACLE INTERNATIONAL CORPORATION	01/06/2007	KOLKATA
4	266246	2330/KOLNP/2008	22/11/2006	14/12/2005	MICROENCAPSULATED PESTICIDE	SUMITOMO CHEMICAL COMPANY, LIMITED	16/01/2009	KOLKATA
5	266249	1183/KOLNP/2009	27/09/2007	29/09/2006	ELECTROLYSIS CELL	INDUSTRIE DE NORA S.P.A.	22/05/2009	KOLKATA
6	266252	2177/KOLNP/2008	05/01/2007	05/01/2006	ALLOCATING RADIO RESOURCES IN MOBILE COMMUNICATIONS SYSTEM	LG ELECTRONICS INC.	30/01/2009	KOLKATA
7	266257	3988/KOLNP/2009	27/03/2008	17/04/2007	CATALYST FOR THE PREPARATION OF METHYL MERCAPTAN	EVONIK DEGUSSA GMBH	26/02/2010	KOLKATA
8	266265	642/KOLNP/2007	21/07/2005	26/07/2004	SYSTEM AND METHOD FOR IMPEDANCE MATCHING AN ANTENNA TO SUB-BANDS IN A COMMUNICATION BAND	KYOCERA WIRELESS CORP.	06/07/2007	KOLKATA
9	266267	1587/KOLNP/2009	26/11/2007	27/11/2006	ABSORBENT ARTICLE AND COMPOSITE SHEET	UNI-CHARM CORPORATION	29/05/2009	KOLKATA
10	266273	940/KOL/2006	19/09/2006	21/11/2005	POWER TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC	29/06/2007	KOLKATA
11	266274	3644/KOLNP/2007	27/03/2006	25/03/2005	A METHOD FOR PACKAGING A CRYOPRESERVATION CONTAINER	NIPRO CORPORATION,DAIKIN INDUSTRIES, LTD.	25/01/2008	KOLKATA

12	266277	942/KOL/2006	19/09/2006	07/10/2005	AN ENGINE CONTROL SYSTEM FOR CONTROLLING THE ENGINE OPERATION IN HIGH OUTPUT(HO) AND FUEL ECONOMY MODE(FE) IN GASOLINE DIRECT INJECTION (GDI) ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS INC	29/06/2007	KOLKATA
13	266278	2998/KOLNP/2009	17/12/2007	29/01/2007	CATALYSTS CONTAINING TUNGSTEN COMPOUNDS AND METHOD FOR DEHYDRATING GLYCERINE	EVONIK DEGUSSA GMBH	02/10/2009	KOLKATA
14	266279	4529/KOLNP/2007	26/05/2006	26/05/2005	COMPOSITIONS AND METHODS OF TREATING RETINAL DISEASE	NEURON SYSTEMS, INC.	28/03/2008	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

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 ALOYS WOBBEN registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
214382 **214380** **214383** **214381**	**13-01**	**WOBBEN PROPERTIES GMBH, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF DREEKAMP 5, 26605 AURICH, GERMANY**

CANCELLATION PROCEEDINGS
under Section 19 of the Designs Act, 2000

"The Ld. Asstt. Controller of Patents & Designs passed an order on 16/4/2015 to dismiss the petition filed by Balbir Chand **sole proprietor of Gogna Tweezer Works, 132, Rajput Nagar, Model House, Jalandhar 144003, India on 28/2/2006 for cancellation of registration of registered Design No.** 195729 **dated 27/5/2004 under Class 28=03 titled as "Tweezer" in the name of** Neeraj Verma**, sole proprietor of M/s. Royal International, Model House Road, Jalandhar – 144003, Punjab, India."**

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	199892	09.04.2015
2.	199893	09.04.2015
3.	213625	09.04.2015
4.	236222	09.04.2015
5.	236221	09.04.2015
6.	199839	10.04.2015
7.	199681	10.04.2015
8.	199469	09.04.2015
9.	199195	09.04.2015
10.	194815	10.04.2015
11.	194818	09.04.2015
12.	194819	09.04.2015
13.	194817	10.04.2015
14.	194816	10.04.2015
15.	194814	10.04.2015

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

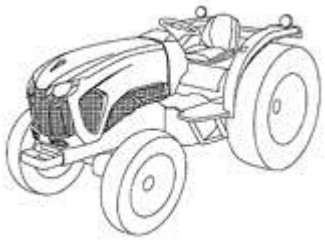
DESIGN NUMBER	267128
CLASS	08-08
1)(1) MANOJ THAKARSINHBHAI SAKARIYA (2) VIJAY TULSIBHAI SAKARIYA (BOTH THE PARTNERS ARE ADULT AND INDIAN NATIONAL) PARTNERS OF BALAJI HARDWARE (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT- NEAR MURLIDHAR WEIGH BRIDGE, MANDA DUNGAR, OPP: RAJMIRA PLASTIC, NR. AJI DAM CHOWKDI, RAJKO-360 003-GUJARAT-(INDIA)	
DATE OF REGISTRATION	31/10/2014
TITLE	CURTAIN BRACKET
PRIORITY NA	



DESIGN NUMBER	264989
CLASS	12-09
1)KUBOTA CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OFJAPAN, OF THE ADDRESS 2-47, SHIKITSUHIGASHI 1-CHOME, NANIWA-KU, OSAKA-CITY, OSAKA 556-8601, JAPAN	
DATE OF REGISTRATION	22/08/2014
TITLE	TRACTOR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-012743	12/06/2014	JAPAN



DESIGN NUMBER	265421
CLASS	07-08
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	04/09/2014
TITLE	ANDIRON (TO HOLD FIREWOOD)
PRIORITY NA	



DESIGN NUMBER	265544
CLASS	12-16

1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF
1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN

DATE OF REGISTRATION	09/09/2014
TITLE	REAR BUMPER FOR AN AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005305	13/03/2014	JAPAN



DESIGN NUMBER	264712
CLASS	03-01

1)GOUSSON-CONSULTADORIA E MARKETING S.R.L., AN ITALIAN LIMITED LIABILITY COMPANY OF
STRADA SETTECAMINI 116, I-63811 SANT'ELPIDIO A MARE (FERMO), ITALY

DATE OF REGISTRATION	12/08/2014
TITLE	HANDBAG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002428243	19/03/2014	OHIM



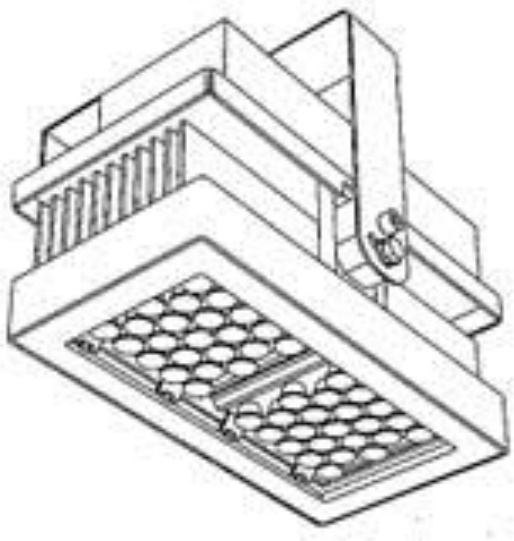
DESIGN NUMBER	264195
CLASS	26-03

1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF
1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

DATE OF REGISTRATION	23/07/2014
TITLE	FLOODLIGHT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-002723	12/02/2014	JAPAN



DESIGN NUMBER	264301
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FRAME FOR DOORS



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00422-0102	31/03/2014	MALAYSIA

DESIGN NUMBER	265783
CLASS	26-06
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	19/09/2014
TITLE	FRONT COMBINATION LAMP CASE FOR MOTOR SCOOTER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005977	20/03/2014	JAPAN

DESIGN NUMBER	265543
CLASS	26-06
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	09/09/2014
TITLE	REAR COMBINATION LAMP FOR AN AUTOMOBILE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005304	13/03/2014	JAPAN

DESIGN NUMBER	265604
CLASS	09-03
1)TRIDENT GROUP LIMITED, A COMPANY INCORPORATED IN SCO 20-21, SECTOR-9D, MADHYA MARG, CHANDIGARH, INDIA	
DATE OF REGISTRATION	10/09/2014
TITLE	PACKAGING
PRIORITY NA	



DESIGN NUMBER	264711
CLASS	03-01
1)GOUSSON-CONSULTADORIA E MARKETING S.R.L., AN ITALIAN LIMITED LIABILITY COMPANY OF STRADA SETTECAMINI 116, I-63811 SANT'ELPIDIO A MARE (FERMO), ITALY	
DATE OF REGISTRATION	12/08/2014
TITLE	HANDBAG

PRIORITY

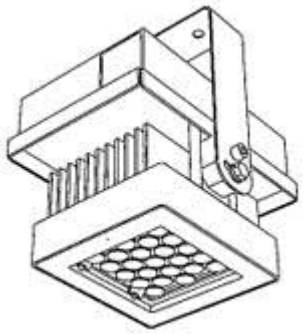
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002428243	19/03/2014	OHIM



DESIGN NUMBER	264194
CLASS	26-03
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN	
DATE OF REGISTRATION	23/07/2014
TITLE	FLOODLIGHT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-002722	12/02/2014	JAPAN



DESIGN NUMBER	264082
CLASS	06-04
1)TEGOMETALL INTERNATIONAL AG, OF INDUSTRIESTR. 7, 8574 LENGWIL, SWITZERLAND	
DATE OF REGISTRATION	17/07/2014
TITLE	RACK REAR WALL
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
001402523	10/02/2014	OHIM



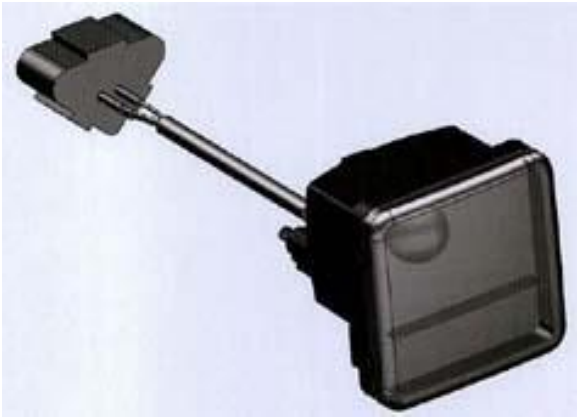
DESIGN NUMBER	264357
CLASS	12-16
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	30/07/2014
TITLE	WHEEL RIM FOR SCOOTER
PRIORITY NA	



DESIGN NUMBER	267170
CLASS	02-04
1)HARI SHANKAR BAHETY, C-1/28, JANAK PURI, NEW DELHI 110058, INDIA, INDIAN NATIONAL	
DATE OF REGISTRATION	03/11/2014
TITLE	FOOTWEAR
PRIORITY NA	



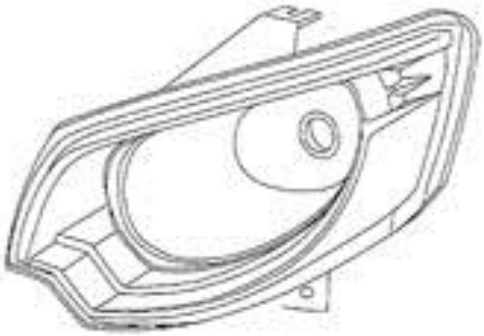
DESIGN NUMBER	265725
CLASS	26-06
1)MINDA INDUSTRIES LIMITED, AN INDIAN COMPANY OF VILL. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA	
DATE OF REGISTRATION	16/09/2014
TITLE	FENDER LAMP FOR VEHICLE
PRIORITY NA	



DESIGN NUMBER	264991
CLASS	26-06
1)KUBOTA CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OFJAPAN, OF THE ADDRESS 2-47, SHIKITSUHIGASHI 1-CHOME, NANIWA-KU, OSAKA-CITY, OSAKA 556-8601, JAPAN	
DATE OF REGISTRATION	22/08/2014
TITLE	HEADLIGHT FOR AN OPERATING MACHINE

PRIORITY

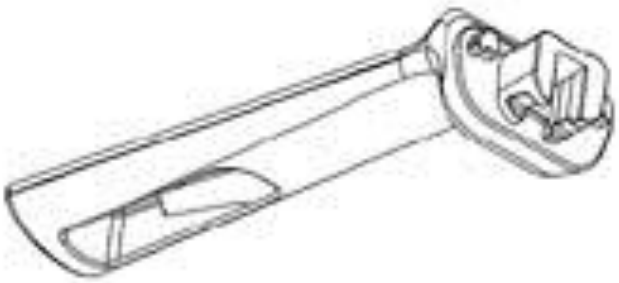
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2014-012745	12/06/2014	JAPAN



DESIGN NUMBER	264213
CLASS	07-02
1)LA TERMOPLASTIC F.B.M. S.R.L., A COMPANY ORGANIZED UNDER LAW OF THE ITALIAN REPUBLIC OF VIA DEL TORNAGO Z.I.-21010 ARSAGO SEPRIO, (VA), ITALY	
DATE OF REGISTRATION	24/07/2014
TITLE	COOKWARE HANDLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002395426-0001	30/01/2014	OHIM



DESIGN NUMBER	264303
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME



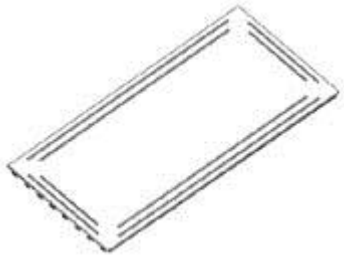
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00424-0102	31/03/2014	MALAYSIA

DESIGN NUMBER	263605
CLASS	14-03
1)BINGO TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS ADDRESS AT 1206 A, TOWER-1, PEARL OMAXE, NETAJI SUBHASH PLACE, DISTT. CENTER, PITAMPURA, NEW DELHI-110034, INDIA	
DATE OF REGISTRATION	23/06/2014
TITLE	MOBILE PHONE
PRIORITY NA	



DESIGN NUMBER	264083
CLASS	06-04
1)TEGOMETALL INTERNATIONAL AG, OF INDUSTRIESTRASSE 7, 8574 LENGWIL, SWITZERLAND	
DATE OF REGISTRATION	17/07/2014
TITLE	RACK REAR WALL



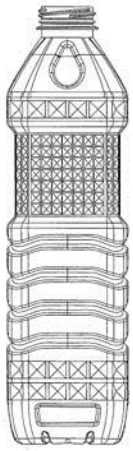
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001402523	10/02/2014	OHIM

DESIGN NUMBER	264359
CLASS	07-01
1)MR. MANU MEHRA, AN INDIAN NATIONAL AND RESIDENT OF G-15, JANGPURA EXTN., NEW DELHI-110014	
DATE OF REGISTRATION	30/07/2014
TITLE	CHAFING DISH
PRIORITY NA	



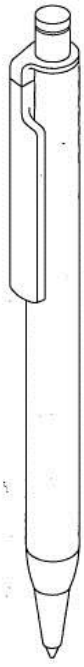
DESIGN NUMBER	262605
CLASS	09-01
1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA	
DATE OF REGISTRATION	15/05/2014
TITLE	BOTTLE
PRIORITY NA	



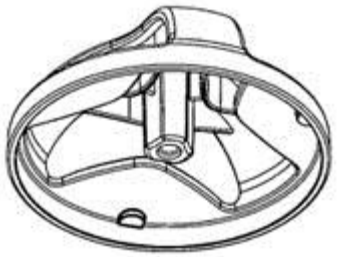
DESIGN NUMBER	264992
CLASS	19-06
1)KLIO-ETERNA SCHREIBGERÄTE GMBH & CO KG, GLASHÜTTENWEG 7, 77709 WOLFACH, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	22/08/2014
TITLE	BALLPOINT PEN

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
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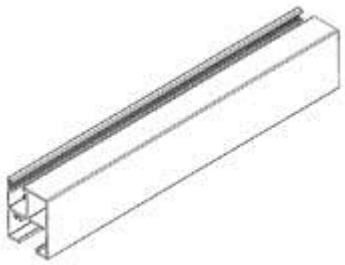
DESIGN NUMBER	264214
CLASS	07-02
1)LA TERMOPLASTIC F.B.M. S.R.L., A COMPANY ORGANIZED UNDER LAW OF THE ITALIAN REPUBLIC OF VIA DEL TORNAGO Z.I.-21010 ARSAGO SEPRIO, (VA), ITALY	
DATE OF REGISTRATION	24/07/2014
TITLE	KNOB FOR COOKING UTENSILS AND APPARATUS



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002395426-0003	30/01/2014	OHIM

DESIGN NUMBER	264304
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00417-0101	31/03/2014	MALAYSIA

DESIGN NUMBER	263442
CLASS	12-15
1)BRIDGESTONE CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURES AND MERCHANTS, OF 1-1, KYOBASHI 3-CHOME, CHUO-KU, TOKYO 104-8340, JAPAN	
DATE OF REGISTRATION	17/06/2014
TITLE	TIRE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
JP2014-000219	09/01/2014	JAPAN

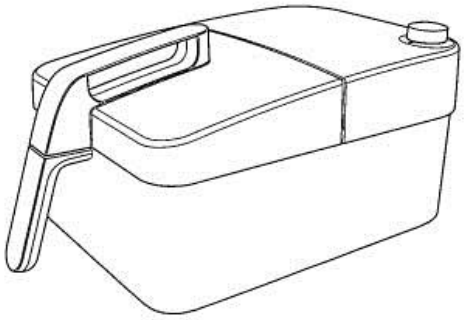
DESIGN NUMBER	266905
CLASS	07-02

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

DATE OF REGISTRATION	24/10/2014
TITLE	FRYER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002463604-0001	14/05/2014	OHIM



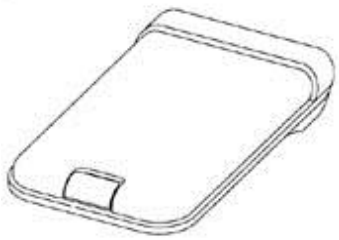
DESIGN NUMBER	266022
CLASS	26-03

1)TOSHIBA LIGHTING & TECHNOLOGY CORPORATION, HAVING A PLACE OF BUSINESS AT
1-201-1, FUNAKOSHI-CHO, YOKOSUKA-SHI, KANAGAWA 237-8510, JAPAN

DATE OF REGISTRATION	25/09/2014
TITLE	STREETLIGHT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-017485	11/08/2014	JAPAN

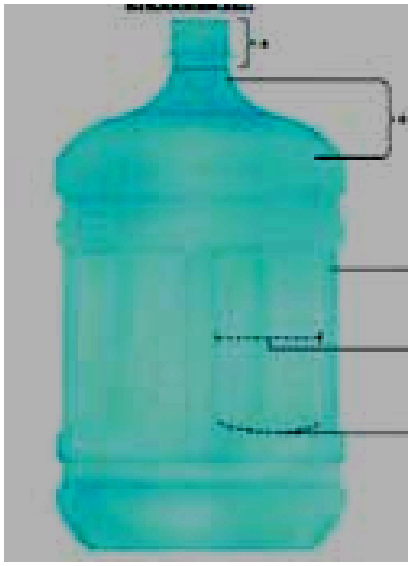


DESIGN NUMBER	263671
CLASS	09-02

1)JEEVIKA MINERALS PVT LTD (AN INDIAN COMPANY INCORPORATED UNDER COMPANIES ACT 1956) WHOSE OFFICE IS AT
A/16 TRIKAM SAHEB APPT MAROL MAROSHI ROAD, ANDHERI EAST, MUMBAI 59

DATE OF REGISTRATION	25/06/2014
TITLE	CAN

PRIORITY NA



DESIGN NUMBER	264084
CLASS	06-04
1)TEGOMETALL INTERNATIONAL AG, OF INDUSTRIESTR. 7, 8574 LENGWIL, SWITZERLAND	
DATE OF REGISTRATION	17/07/2014
TITLE	RACK REAR WALL



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001402523	10/02/2014	OHIM

DESIGN NUMBER	267367
CLASS	14-99
1)LG ELECTRONICS INC. 128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/11/2014
TITLE	STAND FOR TELEVISION



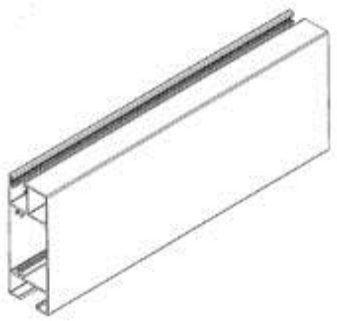
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0023858	14/05/2014	REPUBLIC OF KOREA

DESIGN NUMBER	262611
CLASS	21-02
1)YONEX KABUSHIKI KAISHA, A JAPANESE COMPANY, OF 23-13, YUSHIMA 3-CHOME BUNKYO-KU, TOKYO JAPAN	
DATE OF REGISTRATION	15/05/2014
TITLE	BADMINTON RACKET FRAME
PRIORITY NA	



DESIGN NUMBER	264305
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00421-0101	31/03/2014	MALAYSIA

DESIGN NUMBER	263454
CLASS	12-16
1)AUTOMOBILI LAMBORGHINI S.P.A., VIA MODENA 12, 40019 SANT' AGATA BOLOGNESE (BO), ITALY, NATIONALITY: ITALY	
DATE OF REGISTRATION	17/06/2014
TITLE	VEHICLE WHEEL RIM



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2374330-0004	19/12/2013	OHIM

DESIGN NUMBER	264087
CLASS	28-03
1)CRIS MODA PERFUMS, A/P KHED SHIVAPUR, HAVELI, PUNE-412205, STATE OF MAHARASHTRA, (INDIA), AN INDIAN PROPRIETORSHIP FIRM, WHOSE PROPRIETOR IS DANESH SAYANI, INDIAN NATIONALS, OF ABOVE ADDRESS	
DATE OF REGISTRATION	17/07/2014
TITLE	PERFUME BOTTLE
PRIORITY NA	



DESIGN NUMBER	267370
CLASS	14-99
1)LG ELECTRONICS INC. 128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/11/2014
TITLE	STAND FOR TELEVISION



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0023864	14/05/2014	REPUBLIC OF KOREA

DESIGN NUMBER	266906
CLASS	06-04
1)NITYAM METAL, AN INDIAN PROPRIETORSHIP CONCERN OF PLOT NO. 1213, C/O RAJANI COMPOUND, JUNAGADH, GUJARAT, INDIA. WHOSE PARTNERS ARE (1) SANJAY MAGANBHAI DHARASANDIYA (2) KEYUR JENTIBHAI HIRAPARA (3) HARESH KANJIBHAI PABANI OF THE SAME ADDRESS, AN INDIAN NATIONAL	
DATE OF REGISTRATION	24/10/2014
TITLE	KITCHEN BASKET
PRIORITY NA	



DESIGN NUMBER	263452
CLASS	12-08
1)AUTOMOBILI LAMBORGHINI S.P.A., VIA MODENA 12, 40019 SANT' AGATA BOLOGNESE (BO), ITALY, NATIONALITY: ITALY	
DATE OF REGISTRATION	17/06/2014
TITLE	CAR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2374330-0002	19/12/2013	OHIM

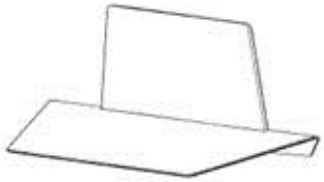
DESIGN NUMBER	263674
CLASS	08-07
1)INDUSTRILÅS I NÄSSJÖ AKTIEBOLAG, A SWEDISH COMPANY OF BOX NO. 214, 571 23 NÄSSJÖ, SWEDEN	
DATE OF REGISTRATION	25/06/2014
TITLE	PADDLE HANDLE LATCH



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002384081-0003	14/01/2014	OHIM

DESIGN NUMBER	267368
CLASS	14-99
1)LG ELECTRONICS INC. 128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/11/2014
TITLE	STAND FOR TELEVISION



PRIORITY

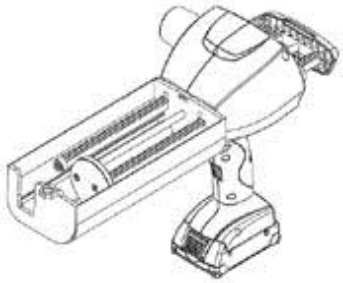
PRIORITY NUMBER	DATE	COUNTRY
30-2014-0023860	14/05/2014	REPUBLIC OF KOREA

DESIGN NUMBER	265019
CLASS	09-01
1)V. B. INDUSTRIES, PLOT NO. 64/65/66, DAMAN INDUSTRIAL ESTATE, NEAR FIRE STATION, SOMNATH ROAD, DAMAN 396210, (U.T.), INDIA, A PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT, WHOSE PARTNERS ARE (1) BHAWARLAL MANGILAL JAIN, (2) PRAVIN BHAWARLAL JAIN (3) NARESH BHAWARLAL JAIN, ALL OF INDIAN NATIONALITY, RESIDENT OF 92/2, JAWAHAR NAGAR, ROAD NO. 5, GOREGAON WEST, MUMBAI 400062, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	25/08/2014
TITLE	LIQUID DISPENSER WITH HANDLE



PRIORITY NA

DESIGN NUMBER	263879
CLASS	08-05
1)SULZER MIXPAC AG, OF RÜTISTRAßE 7, 9469 HAAG (RHEINTAL), SWITZERLAND	
DATE OF REGISTRATION	04/07/2014
TITLE	DISCHARGE DEVICE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002381236	07/01/2014	OHIM

DESIGN NUMBER	265873
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT



PRIORITY NA

DESIGN NUMBER	265501
CLASS	99-00
1)MR. MANIK DAWAR (DIRECTOR), NATIONALITY INDIAN TRADING AS MAMALOVE TOYS PVT. LTD. (INDIAN) WHOES ADDRESS IS 76-A, JHANDEWALAN EXTN. (DDA CYCLE MARKET) OPP. VIDEOCON TOWER, NEW DELHI-110055 (INDIA)	
DATE OF REGISTRATION	08/09/2014
TITLE	BABY STROLLER



PRIORITY NA

DESIGN NUMBER	264160
CLASS	12-11
1)MITRAS BIKES PRIVATE LIMITED, 308, SUNEHRI BAGH APARTMENTS, SECTOR 13, ROHINI, DELHI 110085, DELHI STATE, INDIA, A PRIVATE LIMITED COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956	
DATE OF REGISTRATION	18/07/2014
TITLE	SEAT FOR CYCLES
PRIORITY NA	



DESIGN NUMBER	266080
CLASS	07-01
1)KAUSHAL MITTAL AND SMT. SHEELA RANI, PARTNERS OF M/S SHRI RAM ENTERPRISES, SITUATED AT OPP. G.D. CONVENT SCHOOL, RAIPURA ROAD, INDRA NAGAR COLONY, FIROZABAD (U.P.) INDIA	
DATE OF REGISTRATION	26/09/2014
TITLE	TUMBLER
PRIORITY NA	



DESIGN NUMBER	263844
CLASS	07-02
1)HAMILTON HOUSEWARES PVT. LTD. AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING REGISTERED OFFICE AT KAISER-I-HIND BLDG., 3RD FLOOR, CURRIMBHOY ROAD, BALLARD ESTATE, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	03/07/2014
TITLE	ELECTRIC TIFFIN BOX
PRIORITY NA	



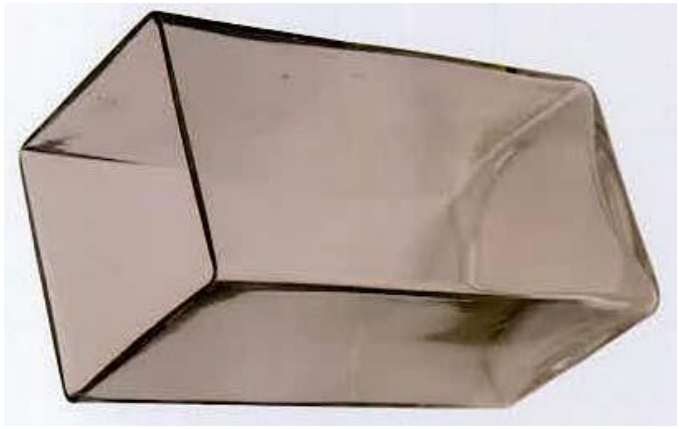
DESIGN NUMBER	263930
CLASS	02-04
1)VALENTINO S.P.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF VIA TURATI, 16/18, I-20121 MILANO, ITALY	
DATE OF REGISTRATION	08/07/2014
TITLE	SHOE



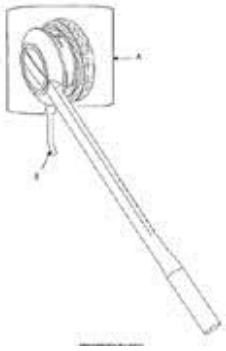
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
MI2014O000008	15/01/2014	ITALY

DESIGN NUMBER	265393
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	04/09/2014
TITLE	FLOWER VASE
PRIORITY NA	



DESIGN NUMBER	261143
CLASS	14-03
1)PLANTRONICS INC., A DELAWARE CORPORATION HAVING A PLACE OF BUSINESS AT 345 ENCINAL STREET, SANTA CRUZ, CALIFORNIA 95060, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	20/03/2014
TITLE	COMMUNICATIONS HEADSET



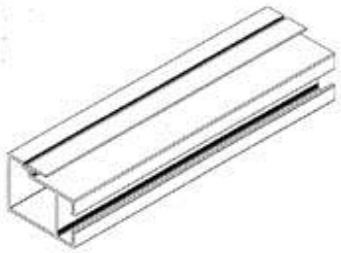
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/467,720	23/09/2013	U.S.A.

DESIGN NUMBER	264316
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00419-0101	31/03/2014	MALAYSIA



DESIGN NUMBER	264769
CLASS	15-09
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN	
DATE OF REGISTRATION	14/08/2014
TITLE	WELDING AND CUTTING MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-003098	17/02/2014	JAPAN



DESIGN NUMBER	262485
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	
DATE OF REGISTRATION	09/05/2014
TITLE	PEN
PRIORITY NA	



DESIGN NUMBER	263895
CLASS	24-02
1)LIFE TECHNOLOGIES CORPORATION, A CORPORATION OF THE STATE OF DELAWARE HAVING A PLACE OF BUSINESS AT 5791 VAN ALLEN WAY, CARLSBAD, CALIFORNIA 92008, USA	
DATE OF REGISTRATION	04/07/2014
TITLE	THERMAL CYCLER DEVICE



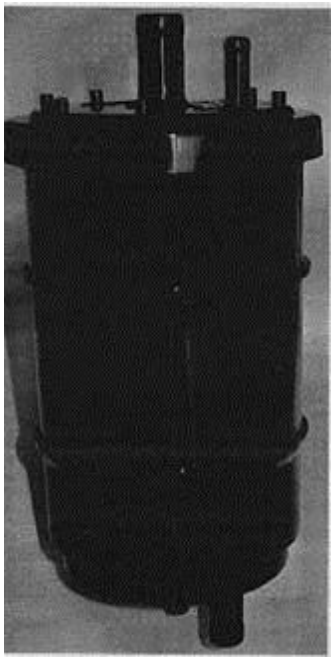
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/481,324	04/02/2014	U.S.A.

DESIGN NUMBER	265262
CLASS	12-15
1)PODDAR TYRE LIMITED, JUGIANA, G.T. ROAD, LUDHIANA-141420 (PUNJAB) INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	28/08/2014
TITLE	TYRE FOR BICYCLE
PRIORITY NA	



DESIGN NUMBER	262682
CLASS	12-16
1)SENTEC E&E CO., LTD., NATIONALITY: TAIWAN ADDRESS AT NO. 32, GONG 5TH RD., LONGTAN TOWNSHIP, TAOYUAN COUNTY 325, TAIWAN (R.O.C.)	
DATE OF REGISTRATION	19/05/2014
TITLE	CARBON CANISTER FOR A MOTOR VEHICLE
PRIORITY NA	



DESIGN NUMBER	261531
CLASS	24-02
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF MITTELSTRASSE 8, D-78532 TUTTLINGEN, GERMANY	
DATE OF REGISTRATION	04/04/2014
TITLE	NEUROENDOSCOPY UNIT



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002320127	04/10/2013	OHIM

DESIGN NUMBER	265874
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT



PRIORITY NA

DESIGN NUMBER	260953
CLASS	01-01
1)INTERCONTINENTAL GREAT BRANDS LLC, 100 DEFOREST AVENUE, EAST HANOVER, NJ 07936, U.S.A., NATIONALITY: U.S.A.	
DATE OF REGISTRATION	13/03/2014
TITLE	CANDY



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/467,139	16/09/2013	U.S.A.

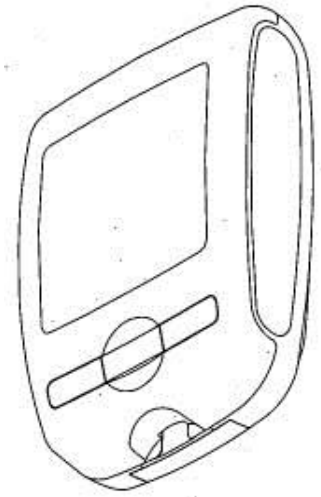
DESIGN NUMBER	264842
CLASS	07-02
1)AXIS IMPEX, A REGISTERED PARTNERSHIP FIRM AT, SHOP NO. 4, 83-85, DADY SHETH AGIARY LANE, MUMBAI-400002, MAHARASHTRA, INDIA. WHOSE PARTNERS ARE: 1. VELJI MONSHI SHAH 2. KANTI MONSHI SHAH 3. HITEN HANSRAJ SHAH & JITENDRA REGHAVJI GADA, ALL INDIAN NATIONALS AT SHOP NO. 4, 83-85, DADY SHETH AGIARY LANE, MUMBAI-400002, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	19/08/2014
TITLE	CASSEROLE
PRIORITY NA	



DESIGN NUMBER	265096
CLASS	24-02
1)OMRON HEALTHCARE CO., LTD., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 53, KUNOTSUBO, TERADO-CHO, MUKO-SHI, KYOTO 617-0002, JAPAN	
DATE OF REGISTRATION	25/08/2014
TITLE	BLOOD GLUCOSE METER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-004325	28/02/2014	JAPAN



DESIGN NUMBER	265503
CLASS	99-00
1)MR. MANIK DAWAR (DIRECTOR), NATIONALITY INDIAN TRADING AS MAMALOVE TOYS PVT. LTD. (INDIAN) WHOES ADDRESS IS 76-A, JHANDEWALAN EXTN. (DDA CYCLE MARKET) OPP. VIDEOCON TOWER, NEW DELHI-110055 (INDIAN)	
DATE OF REGISTRATION	08/09/2014
TITLE	BABY STROLLER

PRIORITY NA



DESIGN NUMBER	264161
CLASS	12-11
1)MITRAS BIKES PRIVATE LIMITED, 308, SUNEHRI BAGH APARTMENTS, SECTOR 13, ROHINI, DELHI 110085, DELHI STATE, INDIA, A PRIVATE LIMITED COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956	
DATE OF REGISTRATION	18/07/2014
TITLE	SEAT FOR CYCLES
PRIORITY NA	



DESIGN NUMBER	266085
CLASS	07-01
1)KAUSHAL MITTAL AND SMT. SHEELA RANI, PARTNERS OF M/S SHRI RAM ENTERPRISES, SITUATED AT OPP. G.D. CONVENT SCHOOL, RAIPURA ROAD, INDRA NAGAR COLONY, FIROZABAD (U.P.) INDIA,	
DATE OF REGISTRATION	26/09/2014
TITLE	TUMBLER
PRIORITY NA	



DESIGN NUMBER	263848
CLASS	12-16
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN	
DATE OF REGISTRATION	03/07/2014
TITLE	LEG COVER FOR MOTORCYCLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-000235	09/01/2014	JAPAN



DESIGN NUMBER	262703
CLASS	07-02
1)I) SANJAY TECHNO PLAST PVT. LTD. HAVING OFFICIAL ADDRESS AT K-151, M.I.D.C., WALUJ, AURANGABAD-431136, MAHARASHTRA, INDIA, AN INDIAN NATIONAL, II) PANDIT; ANIRUDDHA BHALCHANDRA HAVING OFFICIAL ADDRESS AT DEPARTMENT OF CHEMICAL TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PAREKH MARG, MATUNGA (EAST), MUMBAI-400019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	19/05/2014
TITLE	COOKING CONTAINER
PRIORITY NA	



DESIGN NUMBER	265879
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT
PRIORITY NA	



DESIGN NUMBER	264702
CLASS	26-05
1)HERBERT WALDMANN GMBH & CO. KG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF PETER-HENLEIN-STRASSE 5, 78056 VILLINGEN-SCHWENNINGEN, GERMANY	
DATE OF REGISTRATION	12/08/2014
TITLE	LAMP

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
40 2014 100 183.9	21/02/2014	GERMANY



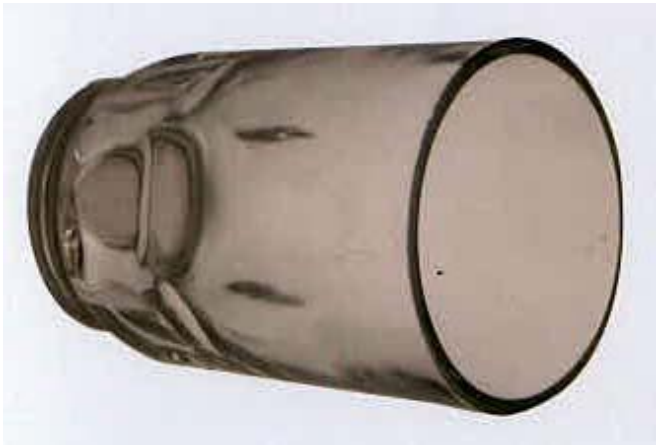
DESIGN NUMBER	264770
CLASS	15-09
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN	
DATE OF REGISTRATION	14/08/2014
TITLE	WELDING OR CUTTING MACHINE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-003099	17/02/2014	JAPAN

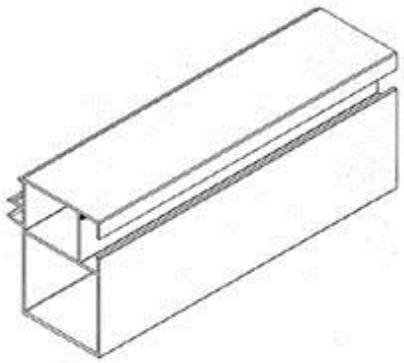
DESIGN NUMBER	266086
CLASS	07-01
1)KAUSHAL MITTAL AND SMT. SHEELA RANI, PARTNERS OF M/S SHRI RAM ENTERPRISES, SITUATED AT OPP. G.D. CONVENT SCHOOL, RAIPURA ROAD, INDRA NAGAR COLONY, FIROZABAD (U.P.) INDIA,	
DATE OF REGISTRATION	26/09/2014
TITLE	TUMBLER
PRIORITY NA	



DESIGN NUMBER	265880
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT
PRIORITY NA	



DESIGN NUMBER	264321
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00418-0101	31/03/2014	MALAYSIA

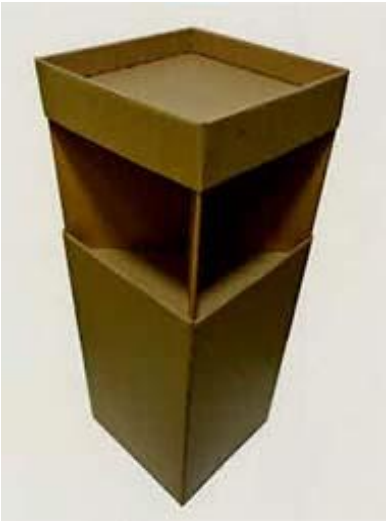
DESIGN NUMBER	264703
CLASS	26-05
1)HERBERT WALDMANN GMBH & CO. KG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF PETER-HENLEIN-STRASSE 5, 78056 VILLINGEN-SCHWENNINGEN, GERMANY	
DATE OF REGISTRATION	12/08/2014
TITLE	LAMP



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
40 2014 100 183.9	21/02/2014	GERMANY

DESIGN NUMBER	266077
CLASS	20-02
1)PARKSONS PACKAGING PVT. LTD. AN INDIAN COMPANY FORMED UNDER COMPANIES ACT 1956 HAVING ADDRESS GATE NO. 357/77, 79, 81, CHAKAN-TALEGAON ROAD, KHARAB WADI, TALUKA KHED, CHAKAN, PUNE 410501 MAHARASHTRA STATE, INDIA	
DATE OF REGISTRATION	29/09/2014
TITLE	DISPLAY CABINET



PRIORITY NA

DESIGN NUMBER	263840
CLASS	30-99
1)SHIVAM POLYMERS, AN INDIAN COMPANY, OF B-16 SITE B, SURAJPUR INDUSTRIAL AREA, GREATER NOIDA-201306, UP, INDIA	
DATE OF REGISTRATION	02/07/2014
TITLE	TOY FOR PETS
PRIORITY NA	



DESIGN NUMBER	263929
CLASS	03-01
1)VALENTINO S.P.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF VIA TURATI, 16/18, I-20121 MILANO, ITALY	
DATE OF REGISTRATION	08/07/2014
TITLE	BAG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
MI2014O000004	13/01/2014	ITALY



DESIGN NUMBER	265877
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT
PRIORITY NA	



DESIGN NUMBER	264315
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00411-0101	31/03/2014	MALAYSIA

DESIGN NUMBER	263453
CLASS	12-16
1)AUTOMOBILI LAMBORGHINI S.P.A., VIA MODENA 12, 40019 SANT' AGATA BOLOGNESE (BO), ITALY, NATIONALITY: ITALY	
DATE OF REGISTRATION	17/06/2014
TITLE	VEHICLE WHEEL RIM



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2374330-0003	19/12/2013	OHIM

DESIGN NUMBER	263687
CLASS	24-01
1)M/S PLUSS POLYMERS PVT. LTD. AN INDIAN COMPANY OF THE ADDRESS: 101, ANUPAM APARTMENT, M.B. ROAD, NEW DELHI-110068	
DATE OF REGISTRATION	26/06/2014
TITLE	INSULATED CRADLE FOR COOLING NEWBORN BABIES
PRIORITY NA	



DESIGN NUMBER	267369
CLASS	14-99

1)LG ELECTRONICS INC. 128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA
A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	13/11/2014
TITLE	STAND FOR TELEVISION

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0023861	14/05/2014	REPUBLIC OF KOREA



DESIGN NUMBER	266286
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT
HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	30/09/2014
TITLE	TEXTILE FABRIC

PRIORITY NA



DESIGN NUMBER	265882
CLASS	02-02

1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT
E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA

DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT

PRIORITY NA



DESIGN NUMBER	261804
CLASS	15-09
1)LEISTER TECHNOLOGIES AG OF GALILEO-STRASSE 10, 6056 KAEGISWIL, SWITZERLAND, SWISS COMPANY	
DATE OF REGISTRATION	16/04/2014
TITLE	WELDING MACHINE FOR PLASTIC SHEETS

PRIORITY

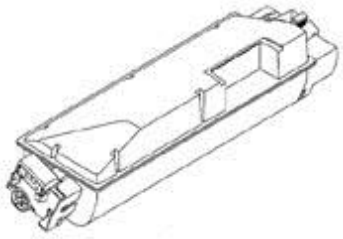
PRIORITY NUMBER	DATE	COUNTRY
002424697-0001	13/03/2014	OHIM



DESIGN NUMBER	266401
CLASS	18-02
1)KYOCERA DOCUMENT SOLUTIONS INC., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF THE ADDRESS 1-2-28, TAMATSUKURI, CHUO-KU, OSAKA, 540-8585, JAPAN	
DATE OF REGISTRATION	07/10/2014
TITLE	TONER CARTRIDGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-007891	10/04/2014	JAPAN



DESIGN NUMBER	263951
CLASS	10-05
1)DANFOSS A/S, A DANISH COMPANY, OF NORDBORGVEJ 81, DK-6430 NORDBORG, DENMARK	
DATE OF REGISTRATION	10/07/2014
TITLE	CONTROLLER TRAY FOR A CONTROL UNIT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002399972-0001	06/02/2014	OHIM



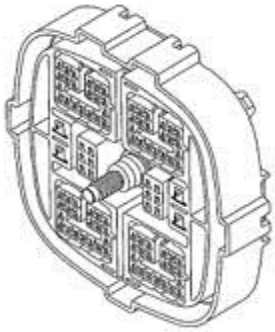
DESIGN NUMBER	265883
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT
PRIORITY NA	



DESIGN NUMBER	248144
CLASS	13-03
1)SUMITOMO WIRING SYSTEMS, LTD., A JAPANESE COMPANY, OF 1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE-KEN 510-8503, JAPAN	
DATE OF REGISTRATION	25/09/2012
TITLE	ELECTRICAL CONNECTOR HOUSING

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2012-007083	28/03/2012	JAPAN



DESIGN NUMBER	265540
CLASS	12-08
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	09/09/2014
TITLE	CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005301	13/03/2014	JAPAN



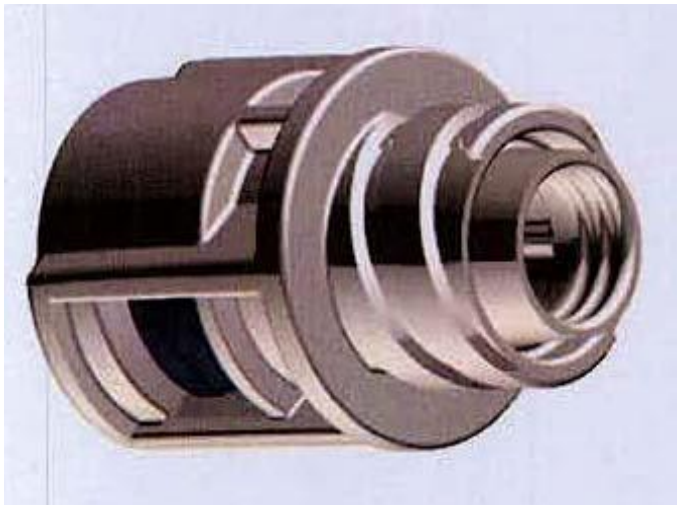
DESIGN NUMBER	264706
CLASS	26-05
1)HERBERT WALDMANN GMBH & CO. KG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF PETER-HENLEIN-STRASSE 5, 78056 VILLINGEN-SCHWENNINGEN, GERMANY	
DATE OF REGISTRATION	12/08/2014
TITLE	LAMP



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
40 2014 100 151.0	14/02/2014	GERMANY

DESIGN NUMBER	266075
CLASS	24-02
1)BECTON DICKINSON FRANCE, A CORPORATION ORGANIZED UNDER THE LAWS OF FRANCE, OF RUE ARISTIDE BERGES, 38800 LE PONT DE CLAIX, FRANCE	
DATE OF REGISTRATION	26/09/2014
TITLE	SYRINGE STOPPER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002435610	28/03/2014	OHIM

DESIGN NUMBER	263915
CLASS	24-04
1)GLAXO GROUP LIMITED, 980 GREAT WEST ROAD, BRENTFORD, MIDDLESEX TW8 9GS, UNITED KINGDOM (GB), A BRITISH COMPANY	
DATE OF REGISTRATION	07/07/2014
TITLE	INHALER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
4033643	08/01/2014	U.K.

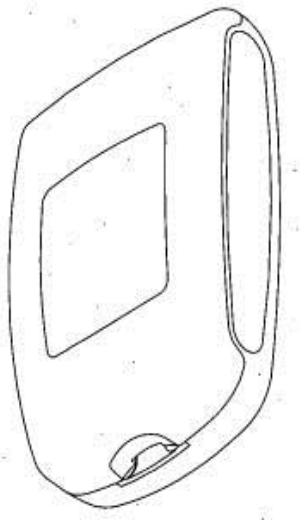
DESIGN NUMBER	265876
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT
PRIORITY NA	



DESIGN NUMBER	265097
CLASS	24-02
1)OMRON HEALTHCARE CO., LTD., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 53, KUNOTSUBO, TERADO-CHO, MUKO-SHI, KYOTO 617-0002, JAPAN	
DATE OF REGISTRATION	25/08/2014
TITLE	BLOOD GLUCOSE METER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-004326	28/02/2014	JAPAN



DESIGN NUMBER	264089
CLASS	12-16
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	17/07/2014
TITLE	REAR WHEEL RIM
PRIORITY NA	



DESIGN NUMBER	263395
CLASS	15-99
1)MR. ANUP ASHOK HATTARKI R/O FLAT NO. A44 SIDDARTH ESTATE HSG SOC. KALYANI NAGAR PUNE 411006, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	16/06/2014
TITLE	TURRET PLATE
PRIORITY NA	



DESIGN NUMBER	266087
CLASS	12-11
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	29/09/2014
TITLE	MOTORCYCLE

PRIORITY

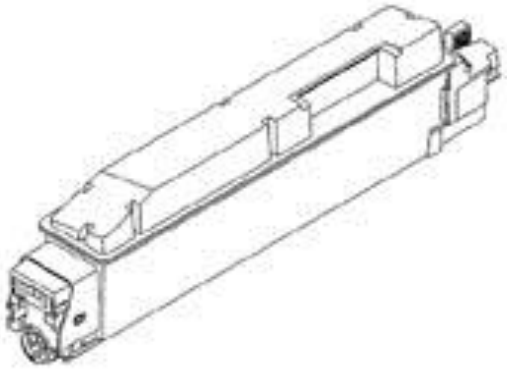
PRIORITY NUMBER	DATE	COUNTRY
2014-006997	31/03/2014	JAPAN



DESIGN NUMBER	265881
CLASS	02-02
1)CHHAGANRAJ MULTANMAL JAIN, ADULT, AN INDIAN INHABITANT, A SOLE PROPRIETOR OF M/S. SHREE GANPATHI SILK, HAVING ADDRESS AT E-361-362, RADHA KRISHNA TEXTILE MARKET, RING ROAD, SURAT-395002, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	23/09/2014
TITLE	GARMENT
PRIORITY NA	



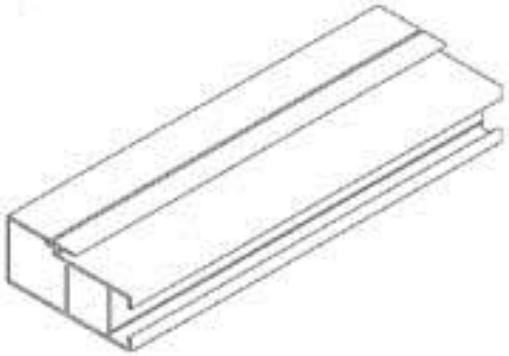
DESIGN NUMBER	266400
CLASS	18-02
1)KYOCERA DOCUMENT SOLUTIONS INC., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF THE ADDRESS 1-2-28, TAMATSUKURI, CHUO-KU, OSAKA, 540-8585, JAPAN	
DATE OF REGISTRATION	07/10/2014
TITLE	TONER CARTRIDGE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-007887	10/04/2014	JAPAN

DESIGN NUMBER	264322
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00416-0101	31/03/2014	MALAYSIA

DESIGN NUMBER	264704
CLASS	26-05
1)HERBERT WALDMANN GMBH & CO. KG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF PETER-HENLEIN-STRASSE 5, 78056 VILLINGEN-SCHWENNINGEN, GERMANY	
DATE OF REGISTRATION	12/08/2014
TITLE	LAMP



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
40 2014 100 151.0	14/02/2014	GERMANY

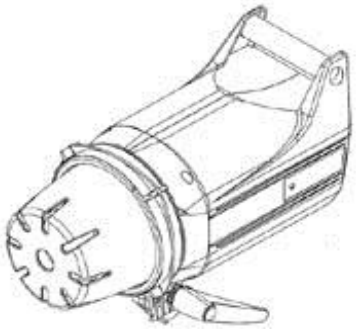
DESIGN NUMBER	263863
CLASS	08-07
1)(1) SANJAYBHAI RAVJIBHAI PATODIYA (2) ASHWINBHAI NATHABHAI SAKHIYA (3) PRAVINBHAI VALJIBHAI KAPADIYA (ALL THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF SHIV SHAKTI METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT: PARMESHWAR MAIN ROAD, OPP: JAYANT CASTING, ATIKA DHEBAR ROAD (SOUTH), RAJKOT-GUJARAT-(INDIA)	
DATE OF REGISTRATION	04/07/2014
TITLE	DOOR ALDROP
PRIORITY NA	



DESIGN NUMBER	264072
CLASS	16-05
1)ELINCHROM SA (ELINCHROM LTD), A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF SWITZERLAND, OF AVENUE DE LONGEMALLE 11-CH-1020 RENENS (SWITZERLAND)	
DATE OF REGISTRATION	16/07/2014
TITLE	FLASHLAMPS FOR PHOTOGRAPHY

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
795411801	21/02/2014	WIPO



DESIGN NUMBER	265781
CLASS	12-11
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	19/09/2014
TITLE	MOTOR SCOOTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005975	20/03/2014	JAPAN



DESIGN NUMBER	265541
CLASS	26-06
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	09/09/2014
TITLE	FRONT COMBINATION LAMP FOR AN AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005302	13/03/2014	JAPAN



DESIGN NUMBER	264292
CLASS	23-01
1)M/S AQUIONICS DEVELOPMENTS INDIA (P) LTD., WHOSE ADDRESS UG-5, WEST END MALL, JANAK PLACE, JANAKPURI, NEW DELHI-110058, INDIAN	
DATE OF REGISTRATION	28/07/2014
TITLE	WATER PURIFIER
PRIORITY NA	



DESIGN NUMBER	266837
CLASS	09-01
1)M/S. G. M. PLASTIC, AN INDIAN COMPANY OF L-66, D.S.I.D.C. BAWANA, DELHI-110039, INDIA	
DATE OF REGISTRATION	20/10/2014
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	265973
CLASS	08-06
1)1. DAV COLLEGE MANAGING COMMITTEE, NATIONALITY: INDIAN, ADDRESS: CHITRA GUPTA ROAD, NEW DELHI 110055 INDIA AND 2. DR. B. R. AMBEDKAR, NATIONAL INSTITUTE OF TECHNOLOGY, NATIONALITY: INDIAN, ADDRESS: JALANDHAR-144011 (PUNJAB) INDIA	
DATE OF REGISTRATION	24/09/2014
TITLE	DOOR HANDLE
PRIORITY NA	



DESIGN NUMBER	259653
CLASS	19-06
1)SCHWAN-STABILO SCHWANHAEUSSER GMBH & CO. KG, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY, HAVING ITS ADDRESS AT SCHWANWEG 1, 90562 HEROLDSBERG, GERMANY	
DATE OF REGISTRATION	24/01/2014
TITLE	WRITING INSTRUMENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002283622-0002	30/07/2013	OHIM



DESIGN NUMBER	267134
CLASS	23-03
1)MAHAVIR ENTERPRISES, GALA NO. 10, UDYOG MANDIR INDUSTRIAL ESTATE, JARIMARI, KURLA-ANDHERI ROAD, MUMBAI-400072, MAHARASHTRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS SMT. PAVANDEVI AMRUTLAL SOLANKI, AN INDIAN NATIONAL, RESIDENT OF IRANI BUILDING, ROOM NO. 21, KURLA WEST, MUMBAI-400070, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	31/10/2014
TITLE	BURNER FOR STOVE
PRIORITY NA	



DESIGN NUMBER	265422
CLASS	07-08
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	04/09/2014
TITLE	ANDIRON (TO HOLD FIREWOOD)



PRIORITY NA

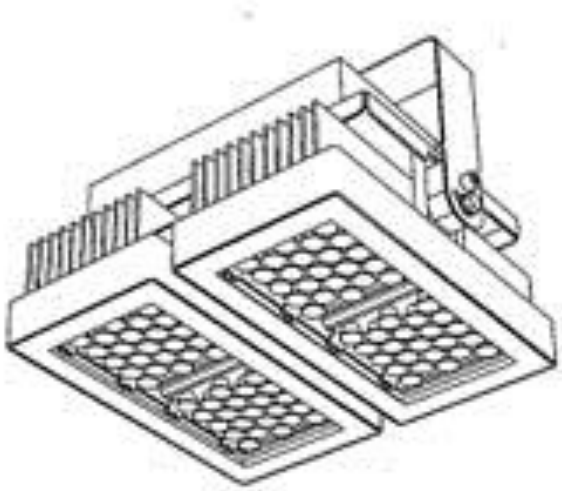
DESIGN NUMBER	264102
CLASS	24-02
1)LIFE TECHNOLOGIES CORPORATION, A CORPORATION OF THE SATE OF DELAWARE HAVING A PLACE OF BUSINESS AT 5791 VAN ALLEN WAY, CARLSBAD, CALIFORNIA 92008, USA	
DATE OF REGISTRATION	17/07/2014
TITLE	FLOW CYTOMETER HOUSING



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/481,232	03/02/2014	U.S.A.

DESIGN NUMBER	264196
CLASS	26-03
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN	
DATE OF REGISTRATION	23/07/2014
TITLE	FLOODLIGHT



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-002724	12/02/2014	JAPAN

DESIGN NUMBER	264302
CLASS	25-02
1)YKK AP INC., A JAPANESE CORPORATION OF 1, KANDAIZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, JAPAN	
DATE OF REGISTRATION	28/07/2014
TITLE	FITTING FOR WINDOW FRAME



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
14-00413-0101	31/03/2014	MALAYSIA

DESIGN NUMBER	263866
CLASS	08-06
1)(1)MAHESHBHAI SASHIKANTBHAI PIPALIYA (2) MANOJBHAI JERAMBHAI LILA (BOTH THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF KRISHA METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT- 6, PARSANA SOCIETY, 50, FEET ROAD, ‘‘RAM’’ • RAJKOT-360002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	04/07/2014
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	265155
CLASS	04-02
1)GLAXO GROUP LIMITED, UNITED KINGDOM OF THE ADDRESS 980 GREAT WEST ROAD, BRENTFORD, MIDDLESEX TW8 9GS, UNITED KINGDOM	
DATE OF REGISTRATION	26/08/2014
TITLE	TOOTHBRUSH



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
GB 4034474	26/02/2014	U.K.

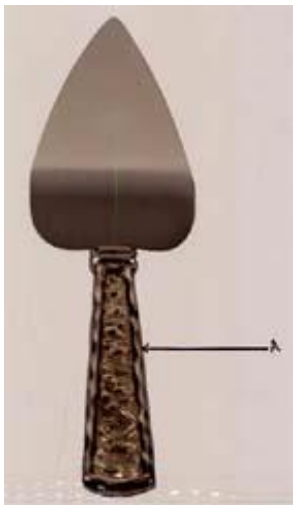
DESIGN NUMBER	265782
CLASS	26-06
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	19/09/2014
TITLE	REAR COMBINATION LAMP CASE FOR MOTOR SCOOTER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005978	20/03/2014	JAPAN

DESIGN NUMBER	265407
CLASS	07-06
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	04/09/2014
TITLE	CAKE SERVER



PRIORITY NA

DESIGN NUMBER	265542
CLASS	12-16
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	09/09/2014
TITLE	FRONT BUMPER FOR AN AUTOMOBILE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-005303	13/03/2014	JAPAN

DESIGN NUMBER	264193
CLASS	26-05
1)MR. ARUN KUMAR JAIN, MRS. ANITA JAIN, MR. VIBHOR JAIN AND MRS. RACHNA JAIN, PARTNERS OF FIRM: M/S GLOWMAC, WHOSE ADDRESS F-6, GEETANJALI ENCLAVE, NEW DELHI-110017, INDIA, INDIAN	
DATE OF REGISTRATION	23/07/2014
TITLE	DOWN LIGHT
PRIORITY NA	



DESIGN NUMBER	263456
CLASS	21-01
1)AUTOMOBILI LAMBORGHINI S.P.A., VIA MODENA 12, 40019 SANT' AGATA BOLOGNESE (BO), ITALY, NATIONALITY: ITALY	
DATE OF REGISTRATION	17/06/2014
TITLE	TOY CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2374355-0002	19/12/2013	OHIM



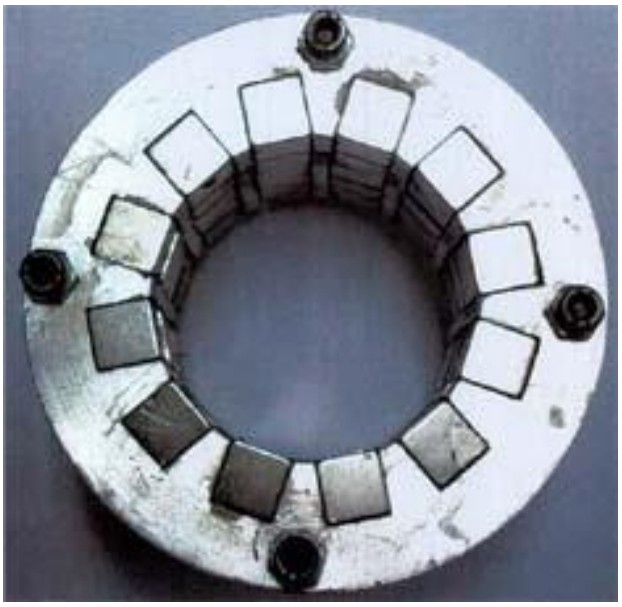
DESIGN NUMBER	263716
CLASS	02-04
1)DECATHLON, 4, BOULEVARD DE MONS, 59650, VILLENEUVE D'ASCQ, FRANCE, A COMPANY OF FRANCE	
DATE OF REGISTRATION	26/06/2014
TITLE	FOOTWEAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002377481-0001	26/12/2013	OHIM



DESIGN NUMBER	259883
CLASS	13-02
1)INDIAN INSTITUTE OF TECHNOLOGY DELHI, OF HAUZ KHAS, NEW DELHI-110016, INDIA, AN INDIAN INSTITUTE	
DATE OF REGISTRATION	31/01/2014
TITLE	STATOR
PRIORITY NA	



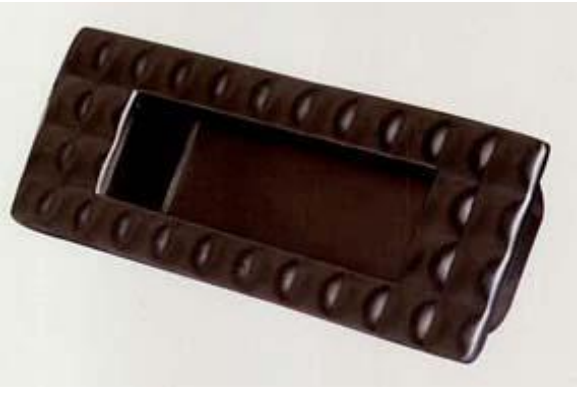
DESIGN NUMBER	263455
CLASS	21-01
1)AUTOMOBILI LAMBORGHINI S.P.A., VIA MODENA 12, 40019 SANT' AGATA BOLOGNESE (BO), ITALY, NATIONALITY: ITALY	
DATE OF REGISTRATION	17/06/2014
TITLE	TOY CAR

PRIORITY

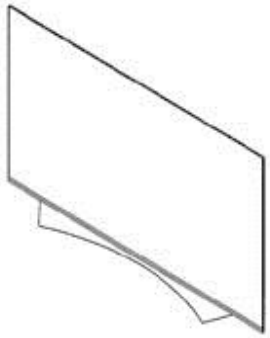
PRIORITY NUMBER	DATE	COUNTRY
2374355-0001	19/12/2013	OHIM



DESIGN NUMBER	263870
CLASS	08-06
1)HITESH DIPAKBHAI AJAGIYA (ADULT AND INDIAN NATIONAL) SOLE PROPRIETOR OF SHREE HARI MANUFACTURER (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- BLOCK NO. 7 H, ANANDNAGAR COLONY, ROOM NO. 278, NEAR 55 NUMBER SCHOOL, KOTHARIA ROAD, RAJKOT-GUJARAT-(INDIA)	
DATE OF REGISTRATION	04/07/2014
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	267371
CLASS	14-03
1)LG ELECTRONICS INC. 128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA	
DATE OF REGISTRATION	13/11/2014
TITLE	TELEVISION



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0023866	14/05/2014	REPUBLIC OF KOREA

DESIGN NUMBER	265827
CLASS	09-07
1)(1) RAJNIKANT K. PATEL, (2) YASH J. PATEL, (3) MAHESHKUMAR K. PATEL AND (4) ROHITKUMAR K. PATEL, ALL INDIAN NATIONAL DIRECTORS OF SHREE GANESH TECHNO PLAST (I) PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 50/6, KRISHNA GOPAL ESTATE, NR. ASHIRWAD ESTATE, NARODA, AHMEDABAD, GUJARAT-INDIA	
DATE OF REGISTRATION	22/09/2014
TITLE	WATER TANK LID
PRIORITY NA	

