पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 25/2015	शुक्रवार	दिनांक: 19/06/2015
ISSUE NO. 25/2015	FRIDAY	DATE: 19/06/2015

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

19th JUNE, 2015

CONTENTS

THE PATENT OFFICE
KOLKATA, 19/06/2015
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 19/06/2015

• 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.

NOTICE
(CHENNAI)

(01)

Application number 4995/CHE/2014 dated 7/10/2014 was published in patent office journal dated 24/10/2014. In said application complete application filed on 7/10/2014 has been treated as provisional application under section 9(3) of the patents act 1970.

(02)

Application number 5023/CHE/2014 dated 7/10/2014 was published in patent office journal dated 24/10/2014. In said application complete application filed on 7/10/2014 has been treated as provisional application under section 9(3) of the patents act 1970.

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.526/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :24/02/2015

(43) Publication Date : 19/06/2015

(54) Title of the invention : BATTERY CASE FOR LEAD-ACID BATTERY, LEAD-ACID BATTERY USING THE BATTERY CASE, AND RESIN COMPOSITION FOR THE BATTERY CASE

(51) International classification	:C08L 55/00
(31) Priority Document No	:2014-051569
(32) Priority Date	:14/03/2014
(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)ICHIROH MUKAITANI
2)HIROSHI KAKUNO
3)SHINYA MIZUSUGI
4)KENJI KARITANI

(57) Abstract :
Provided herein are a battery case for a lead-acid battery, which is made of an ABS resin and provides a high impact resistance even if the processability and the flame retardance are sufficiently enhanced, a lead-acid battery using the battery case, and a resin composition for the battery case. A battery case for a lead-acid battery is formed from a resin material containing an ABS resin having a Charpy impact value of 20 kJ/m2 or more as a main component and an additive added in an adjusted amount and selected such that the battery case meets a flammability class of UL94V-0 and has a Charpy impact value of 10 kJ/m2 or more.

No. of Pages : 85 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1526/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :24/02/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : WORK VEHICLE AND ROTATING LIGHT

(51) International classification :E02F9/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2014/078408
Filing Date :24/10/2014
(87) International Publication No :WO 2015/060448
(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)ABE Hiroshi
2)SASAKI Makoto
3)MAEDA Yukinori

(57) Abstract :
This hydraulic shovel (100) is a work vehicle comprising a work machine (4) and comprises a cab (5) and a rotating light (10). The rotating light (10) is removably disposed on a ceiling plate (5b) of the cab (5). The rotating light (10) has a rotating light body (20) a mounting portion (30) and a holding portion (40). The mounting portion (30) is provided under the rotating light body (20) and mounts the rotating light body (20) to the ceiling plate (5b). The gate shaped holding portion (40) is anchored to the mounting portion (30) and has a first rod section (41) a second rod section (42) and a third rod section (43). The first rod section (41) and the second rod section (42) are formed to extend upward from the mounting portion (30). The third rod section (43) connects to the first rod section (41) and the second rod section (42). The third rod section (43) is disposed above the rotating light body (20) as viewed from a vertical side in the longitudinal direction.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1093/DEL/2015 A
(19) INDIA
(22) Date of filing of Application :20/04/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : INSTRUMENT FOR INDUCING PSYCHOSIS IN LABORATORY ANIMALS

(51) International classification	:A61B19/02, A61J1/20,
(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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1)PROF. (DR.) MILIND PARLE
2)MS. RENU, D/O SHRI MAYA SINGH
3)MS. MONU, D/O SHRI ROHTAS SINGH
4)NA

(57) Abstract :
The objective of the present invention is to design and fabricate an instrument, which would help in producing psychosis like disorder in experimental animals: Another objective of the present invention is to provide ari experimental model for testing medicines useful in the management of psychosis/schizophrenia. Yet another objective of the instant invention is to provide an instrument, which would produce psychosis like disorder in small laboratory, animals due to an unexpected, peculiar but non-fatal situation in experimental animals. Yet another objective of the instant invention is to design an instrument, which would be able to measure the psychotic behavior of mice evoked in response to a terrible sound produced by the passage of iron balls through a pipe. Yet another objective of the instant invention is to design an instrument, which would be useful for studying pathophysiology of psychosis and in exploring mechanism of action of medicines effective in the management of psychosis/schizophrenia. The instrument designed in present invention comprises of a transparent chamber (such as mesh) for visual observation of animal behavior and a container placed below the mesh chamber for accommodating iron balls inserted through a pipe in such a way that these balls do not physically touch the body of mice or produce any kind of physical damage. This, model is based on the principle that mice develop an abnormal state of mind leading to unusual behavior similar to psychosis, when exposed to the terrible sound and consequentially the sight of iron balls.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1159/DEL/2015 A
(19) INDIA
(22) Date of filing of Application :27/04/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : TAPERED BODY REDUCED SOURCES (TBRS) CMDS STRUCTURE.

(51) International classification	:G11C11/408, H01L27/108,
(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)VIMAL KUMAR MISHRA
2)DR. RAJEEV KUMAR CHAUHAN

(57) Abstract :
In this work novel n and p type TBRS MOSFET based inverter structures are proposed. The key idea of the proposed structure is to reduce the area consumed by the device with an aim to improve its subthreshold slope and other parameters. The proposed TBRS n-MOSFET exhibits lower sub-threshold slope and higher Ion to Ioff ratio when compared to other contemporary devices using different technology. Proposed device structure based inverter circuit is compared and contrasted with other available inverter design. The structure shows reduction in area by 90% along with some improvement in power dissipation, delay time and signal to noise margin. The proposed structures were designed and simulated using Sentaurus device simulator.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1242/DEL/2015 A
(19) INDIA
(22) Date of filing of Application :05/05/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYNTHESIS OF MECHINABLE CALCIUM CARBONATE POLYMETHYL METHACRYLATE POLYMER MATRIX COMPOSITE BY A NEW METHOD

(51) International classification	:A61L27/46, A61L24/00
(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)AKHTER HUSAIN ANSARI

(57) Abstract :
Composite materials are composed of two or more components with fillers or reinforcing fibers and a compactable matrix. This is done to achieve superior and unique mechanical and physical properties In this work methyl methacrylate is taken as a matrix material and CaCI, and Na2C03 are used as raw material to generate CaC03 a filler material. In the present polymer composites, it is synthesized through bulk polymerization with predetermined filler concentration and predetermined stirring speed. This method of synthesis has got success and the SEM shows a homogeneous mixing of filler in matrix. A new method has been developed in which conventional salts CaCI, and Na2CO; (cheap and easily available) are used for CaCO3 generation for the reinforcement of matrix material(MMA) instead of using costly and uneasily available CaC03 nano powder.

No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2246/MUM/2015 A
(19) INDIA
(22) Date of filing of Application :11/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND MEHOD FOR OPTIMIZING THE ALLOCATION OF JOBS WITHIN JOB SLOTS AVAILABLE ON JOB PORTAL

(51) International classification :G06Q99/00
(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)MR. RICHARD FERNANDES

(57) Abstract :
A system and method for optimizing the allocation of jobs within the job slots for utilization of the maximum limit available on the job slots for the named entity on job portals, Wherein user provides free text inputs on input and output device, free text job input includes at least one information indicating the entity name for which jobs are required to be uploaded on at least one of the job slots available on at least one of the job portals, collecting the pool of jobs for the named entity, transforming the free text job inputs into queue decider form, categorizing the free text inputs as main condition, sub condition, optimizing job upload for that named entity associating to its pool of jobs, based at least on one main condition, sub condition, backfill, reverse backfill or global backfill conditions, to optimize utilization of the maximum job limits available on the job slots for the job portal.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2015
(21) Application No.1184/MUMNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE

(51) International classification :H04N21/234
(31) Priority Document No :61/715,317
(32) Priority Date :18/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/009303
Filing Date :17/10/2013
(87) International Publication No :WO/2014/062018
(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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7)BAE, JANGHUN
8)LEE, JAEKOO
9)KWON, YOUNGHWAN
10)AN, SEUNGJOO
11)LEE, HYEONJAE
12)OH, SEJIN

(57) Abstract :
A method of processing an interactive service and an apparatus thereof are disclosed. The present invention includes sending a discovery message to a second screen application running in a second device, wherein the discovery message advertises second screen support services that the first device can provide, receiving a request for descriptions of the second screen support services from the second screen application, sending a response with the descriptions to the second screen application, providing a HTTP proxy server using a HTTP proxy server service allowing the second device to access files that are received by the first device in a broadcast stream, wherein the HTTP proxy server service is one of the second screen support services, receiving the files from the broadcast stream and delivering the files to the second device via the HTTP proxy server.

No. of Pages : 193 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2225/MUM/2015 A
(19) INDIA
(22) Date of filing of Application :10/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTELLIGENT EXTRACTION SYSTEM FOR CLASSIFICATION OF DOCUMENTS IN ONLINE TEXT REPOSITORIES

(51) International classification	:H04L29/08, H04L12/58
(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)SIRSAT SANDEEP RAMCHANDRA

(57) Abstract :
An intelligent extraction system (herein after called as system) for classification of extracted documents in online text repositories which includes various methods and processes are provided herein. The system has designed to accept semi-structured or unstructured documents from the domain news web pages and transformed them into a structured form. The designed system is domain independent and flexible to employ on different structures. It contributes in designed Knowledge Extraction System (KES) useful for automatically extracting and storing most important keywords (Knowledge) relevant to the specified subject/ topic which could be served as a knowledge base for identification and classification of documents during web page extraction phase. It also contributes in designed core module that works on documents in plain text form, which can be applied to the documents with different formats (i.e. doc, docx, pdf etc) that can be easily transformed into plain text form. The core model includes devised module for identification and classification of relevant and irrelevant documents in the set of collected documents and knowledge distillation to add new knowledge to the knowledge base. Thus the designed system works as an intelligent learning system that gains knowledge after every performance, and improves the accuracy of the system.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2253/MUM/2015 A
(19) INDIA
(22) Date of filing of Application :11/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN E-PRESCRIPTION SYSTEM FOR TRANSLATING AN EXISTING HAND WRITTEN PRESCRIPTION TO AN E-PRESCRIPTION AND HAVING IT VALIDATED BY THE DOCTOR FOR RE-ORDER BY THE PATIENT WITHOUT THE NEED FOR THE PATIENT TO VISIT THE DOCTOR FOR NEW PRESCRIPTION

(51) International classification	:G06Q90/00, G06Q50/00
(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)MR. TUSHAR KUMAR
2)MR. SAURABH MITTAL
3)MR. SUDEEP BANERJEE

(57) Abstract :
The present invention comprises of systems and methods for translating a hand-written prescription written by a doctor to an e-prescription or select a previously uploaded e-prescription, reviewing of the said e-prescription by the same or different registered medical practitioner without the customer having to visit the premises of the doctor and thereafter delivering the medicines to the customer by the pharmacist or the agent of the pharmacist.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1794/MUM/2015 A
(19) INDIA
(22) Date of filing of Application :05/05/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTICLASS CLASSFIER FROM SINGLE CLASS DATASET

(51) International classification	:G06F7/00, G06N 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BHAVIN MANHARLAL SHAH
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2)BHUSHAN HARSHADRAI TRIVEDI
(72)**Name of Inventor :**
1)BHAVIN MANHARLAL SHAH
2)BHUSHAN HARSHADRAI TRIVEDI

(57) Abstract :
The present invention addresses the methods and systems for multi class classifier which is capable to classify the given single object as member of one or multiple classes at same point of time. Multi class classifier having single output unit and multiple output units are also addressed in details in the present invention. To train and test such multi class classifiers, collection of multi class records where each record is a member of multiple classes is required. Under the un-availability of such multi class records, the present invention is capable to generate such multi class record from single class records. Further, present invention is also applied to generate multi class record from preexisting multi class records, generated multi class records or any combination of preexisting single class, preexisting multi class and generated multi class records.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2820/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :05/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR ESTABLISHING NETWORKS IN A COMPUTATIONAL ENVIRONMENT BASED ON TEMPORARY ENGAGEMENT SLABS

(51) International classification	:E04B	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)K.T.GANDHI KARUNA**
(32) Priority Date	:NA	Address of Applicant :WATSINIT TECHNOLOGIES PVT
(33) Name of priority country	:NA	LTD, VEL TECH TBI, #42, AVADI VEL TECH ROAD,
(86) International Application No	:NA	AVADI, CHENNAI - 600 062, Tamil Nadu India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)K.T.GANDHI KARUNA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A systematic method and framework ¡s described for building network between users even if they are strangers in a computational environment using temporary engagement model. Even ¡f the users are separated way more than six degrees of separation, they can utilize the method described here to get networked. Mºltiple engagement slabs with varying m¡ximum durations and profile access level are defined in the computational system. Users present in the computational environment can initiate a temporary connection between them choosing any slab of their choice. They can define the time for the engagement, provided its below the system set max duration for that slab. If the users mutually agree to take the relationship to the next level, they have to choose a higher engagement slab with more duration. The process is repeated till the users agree to make their relationship a permanent connection. In case if the mutual agreement is not reached between the users in increasing the engagement slab before the stipulated duration expiry or permanent connection establishment, the computational system will delete the connection between the users. Option to termnate or downgrade the engagement slab at any level of connection including permanent connection is provided by the system. The same principie is employed for a user connecting with group of users or entities or group of entities created by users. During the engagement the computational environment provides all options to communicate effectively between the connected users.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2899/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :10/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : SMART TIRE PRESSURE MONITORING SYSTEM

(51) International classification	:B60C	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)TYMTIX TECHNOLOGIES PVT. LTD.**
(32) Priority Date	:NA	Address of Applicant :191, 3RD FLOOR, KNB MANSION,
(33) Name of priority country	:NA	DOUBLE ROAD, INDIRA NAGAR 2ND STAGE,
(86) International Application No	:NA	BANGALORE - 560 038, Karnataka India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)PRABU S.SURENDRA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Smart Tire Pressure Monitoring System (STPMS) (FIG 1.) enables users to check the air pressure in a vehicles tires on a smarphone. Tire pressure readings are displayed on a smart phone or a tablet (8) using a companion application which in turn communicates wirelessly to the sensors (1) (4) (5) (6) (7) inside the tires. STPMS lets users monitor any number of vehicles (FIG 2.) and vehicles with any number of tires (13) from one location. STPMS supports adding new vehicles (11) to monitor and also in adding & monitoring new tires (13) to a vehicle. The system also asynchronously notifies the users about a fat tire or when a tires pressure is not in the permissible range (31) (32) (33).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2779/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :03/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : DIRECT POWERING OF MOBILE ELECTRONIC DEVICES FROM EXTERNAL POWER SOURCES

(51) International classification	:H04M	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)KANCHARLA VEERA RAGHAVAIAH**
(32) Priority Date	:NA	Address of Applicant :S/O: K. KRISHNAMURTHY, D.NO:9-25-79-A2, JANATHAPET-N, KAVALI, NELLORE-DT, PIN: 524 202, Andhra Pradesh India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)KANCHARLA VEERA RAGHAVAIAH**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Mobile electronic devices can be made to ftinction using external electric power supply instead of the internal battery when the device is connected to an external power source. This has two benefits. One beneft is that mobile phones will not expode even if they are used for calling while the mobile phone is connected to the external power source, as the battery is not used for calling when the external power source is connected. Second beneft is that the mobile device battery can be allowed to charge up from the external source or stay idle so that the device does not drain the charge of the battery as long as the mobile device has external power supply.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1515/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :25/03/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : FOUR STROKE PETROL ENGINE FUNCTION IN NEW METHOD

(51) International classification :F02B
(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 :NO.14, MAIN ROAD, M.ANUMANPALLI & (PO), PAVALATHA GOUNDEN VALASU, ERODE-638101 Tamil Nadu India
(72)**Name of Inventor :**
1)D. SUBRAMANIAN

(57) Abstract :
The new pattern four stroke petrol engine functions under, the toothed wheel fitted with : crank shaft and cam shaft in the ratio of 1:4 that is through the timing chain, when the crank shaft makes 4 times rotation, while the cam shaft makes one rotation. Therefore if the crank shaft rotates 180° then the cam shaft rotates 45°. On the head of the engine cam-1, cam-2, cam-3 and cam-4 have been fitted with cam shafts and also shafts that contain four valves which are named as valve-1, valve-2, valve-3 and valve-4. Among these valves, when the valve-1 or valve-3 being to open, the mixture of petrol air will enter into the engine form the carburetor. When the valve-2 or valve-4 .opens, the smoke cornea out of the engine and enter in to the exhaust pipe. Cam-l(from 0°to 45°) that fits with the cam shaft, this make to open the valve -1; when cam-2 (from 136°tol80°) that fits with the cam shaft, this make to open the valve-2; cam- 3 (from i81°to225°) that fits with the cam shaft, this make to open valve-3; and when cam-4(from316°to360°) that fits with the cam shaft, that make to open the valve-4. When Piston from the Top Dead Centre (TDC) begins to reach the Bottom Dead Centre (BDC) then the crank shaft makes rotation from zero degree (0°). Likewise, the cam-1 begins to open the valve-1 at zero degree (0°). If increase the width of the cams one degree front side, then the valves of the cams will be opened four degree in advance. Likewise If increase the width of the cams one degree in back side then the valves of the cams will be closed four degree later. So we can change the width of the cams as per ourselves, When the four stroke petrol engine runs from Stroke one to stroke four, then the valve-1 and valve-2 as well as when the stroke repeated from one to four then the valve-3 and valve-4 will be activate in alternatively. This new patterned four stroke petrol engine is applicable for motor cycle, scooter, car and boat.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2857/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :08/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : SOLAR WATER HEATING EQUIPMENT

(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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(72)**Name of Inventor :**
1)M K PRAVEEN KUMAR

(57) Abstract :
A solar water heating equipment 100 is provided. The solar water heating equipment includes a plurality of evacuated tube collectors 114. A copper heat pipe 116 is inserted into each of the plurality of evacuated tube collectors. Each copper heat pipe includes a tip 126 which protrudes into a first manifold 124. Each of the plurality of evacuated tube collectors has an open end and a closed end. The open end of the evacuated tube collectors are connected to a second manifold 122. A first manifold 124 and the second manifold are placed within common insulation 123. The second manifold is enabled to fill water inside the plurality of evacuated tube collectors through the open end of the plurality of evacuated tube collectors. The water in the first manifold is heated by heat transferred by the tip of the copper heat pipes fr³m the evacuated tube collectors.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2907/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :10/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN EQUIPMENT FOR CLEANING THE FOUR WHEELED VEHICLE EXTERIOR CONTOUR

(51) International classification	:B60S	
(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)D. BALAJEE
Address of Applicant :#42/222, NATESA NAGAR, 2ND MAIN ROAD, VIRUGAMBAKKAM, CHENNAI - 600 092, Tamil Nadu India
(72)**Name of Inventor :**
1)K. SAI PRASHANTH
2)R.ROHITH
3)S.RAJASUBRAMANIAM
4)B. SAI GANESH

(57) Abstract :
A mobile and automatic contour sensing apparatus for cleaning the exterior surface of the stationary four wheeled vehicles through high pressure spray operation comprises an inverted U shaped frame structure fixedly supporting the water conducting pipes along the length of the said frame wherein the said frame further comprises spaced apart dual vertical and an inter connected top horizontal hollow cylindrical conduit movable along the length of the said four wheeled vehicle. These dual vertical and horizontal frame conduits are supported by a plurality of horizontal base members which further comprises movable. wheels connecting the.said base member.; tož the. grourid and for generating the requisite motion of.the apparatus. The apparatus further comprises a drive control att¡ched to the-said wheels of the said base member for guiding and controlling the movement of the said apparatus along the length of the said four wheeled vehicle, water conducting hose pipe fixedly att¡ched to the said mobile frame for conveying the requisite water from the overhead tank to the said h³jlow cylind.rical conduit, water inlet control means positioned at the center ³f the said top horizontal hollow cylindrical conduit wherein the said water conducting hose pipe is fused with the said hollow conduit further comprising a. flow, pressure and velocity regulator for the water inlet through the said water conducting pipes and a plurality of water outlet means positioned at pre-determined interval on the said dual vertical and the top horizontal hollow cylindrical condtiit for out-letting the water in the requisite direction, angle and mode necessary for the complete outer contour cleaning of the said vehice.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2258/CHE/2014 A
(19) INDIA
(22) Date of filing of Application :06/05/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ACCIDENT NOTIFICATION USING WIRELESS SIGNALS

(51) International classification	:G08G	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)RAHUL RAJENDRAN**
(32) Priority Date	:NA	Address of Applicant :KUNNEL HOUSE,
(33) Name of priority country	:NA	RAMAVARMAPURAM, P.O, ANAPARA, THRISSUR
(86) International Application No	:NA	DISTRICT - 680 631 Kerala India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)RAHUL RAJENDRAN**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A signal receiver is installed in a vehicle to provide the caution message in the audio form. In this principle the radio frequency or Infrared is used for producing signals. In order to receive this message certain transmitters are used. The transmitters are placed at a distance of 500 meter before the accidental prone area. These transmitters are placed at a uniform interval of 50meter to make the driver conscious about the impending danger and to reduce the vehicle speed. These signals will be available for the vehicles passing through that area only. It works on the principle that when the vehicle enters the accident prone area the transmitter will send a message to the receiver in the vehicle, and the transmitter switches ON the pre-recorded voice recorder, thereby providing a warning message DANGER AHEAD to the driver. The warning message can be changed as per the requirements. Like this the message will be announced for an interval of every 50m until the danger is about lOOmeter in order to reduce the drivers pressure. For the working of these transmitters solar energy can be used. As per the technologies available now like the GPS is of high cost. This equipment can be installed in a vehicle at a low cost. Due to the limitation of area Infrared is used for demonstration. But practically, Radio frequency is used.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2746/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :01/06/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SYSTEM FOR HARNESSING SOLAR LIGHT ENERGY AND LED LIGHT ENERGY TO PRODUCE ELECTRIC ENERGY

(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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(72)**Name of Inventor :**
1)KODI CHINNAMAYAN NEETHICHAMY

(57) Abstract :
vertically mounted solar panel device comprising a rectangular box having a base and four side walls enclosed by four side panels, the rectangular box having top sheet cover glass sheet, the entire inner surface being provided with mirrors to reflect received solar rays towards the device, unique structure mounted on top of the top glass sheet panel so as to focus sun rays towards the device, mounted within in the rectangular box plurality of concave lens and the mirrors throughout the entire the length of the bpx and further mounted on top of glass sheet plurality of concave lenses such thatthe placement ³f each concave lens, mirror and solar panel such that sun light reflected from the lens being transmitted towards the mirror and the reflected the rays or at the absorbed by the solar panel rsulting in increased c³lection³f solar energy at the output of the solar panel.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.589/KOL/2015 A
(19) INDIA
(22) Date of filing of Application :27/05/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : 'ANTI-CORROSION PAINT BASED ON NATURAL CNSL (CASHEW NUT SHELL LIQUID) RESIN FOR PIPING MEMBERS AND THE PROCESS OF PREPARATION THEREOF'

(51) International classification	:C09D167/00
(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)ASHISH SINHA

(57) Abstract :
The present invention relates to an anti-corrosive low VOC paint composition based on Natural CNSL modified Resin and a method of production thereof. More particularly, the present invention relates to cashew nut shell liquid (CNSL) resin based paint with low VOC (Volatile Organic Compound) and Bisphenol-A free for drinking water pipelines.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.595/KOL/2015 A
(19) INDIA
(22) Date of filing of Application :28/05/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : CORROSION RESISTANT BURIED UNDERGROUND DUCTILE CAST IRON PIPING MEMBER WITH AN IMPROVED EXTERNAL COATING AND THE METHOD THEREOF

(51) International classification :C09D163/00
(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)ABHIJIT GHOSH

(57) Abstract :
The present invention relates to improvement of the outside anticorrosive treatment of ductile cast iron piping members, through the development of a Pseudo Alloy metallic film along with modified paint on the external surface, more particularly the present disclosure relates to the improved corrosion resistant to ductile cast iron piping members, specially when used in buried condition, the coating method that can form an anticorrosion pseudo metal alloy layer in the peripheral surface along with a modified Cashew Nut Shell Liquid (CNSL) paint.

No. of Pages : 21 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(21) Application No.538/KOL/2015 A
(19) INDIA
(22) Date of filing of Application :18/05/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : A GRID CONNECTED TO SOLAR SYSTEM

(51) International classification :H02M3/07
(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 :4, BADAN ROY LANE, KADAMTALA, HOWRAH. PIN-711101, WEST BENGAL, INDIA
(72)**Name of Inventor :**
1)KAJAL KUMAR BAIRAGI

(57) Abstract :
This invention relates to a grid connected to solar system and in particular, this invention relates to the grid connected solar system wherein the like other systems, direct current (D.C.) obtained from the solar module is not inverted into alternating current (A.C.). This invention also relates to a solar system wherein D.C. comes from solar module towards the. D.C. load, directly. This invention also relates to the grid connected to solar system which is simple in structure, small in outline size, convenient to operate, and easy to assemble.This invention also relates the grid connected to solar system wherein the D.C. power, which comes from that two (solar and conventional) different power sources, to pass through a conducting path, and make stable D.C. by a regulator circuit to drive the load.

No. of Pages : 21 No. of Claims : 7

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

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.1488/DEL/2014 A

(43) Publication Date : 19/06/2015

(54) Title of the invention : YARN WINDING MACHINE AND YARN WINDING METHOD

(51) International classification	:D01D5/08
(31) Priority Document No	:2013-124944
(32) Priority Date	:13/06/2013
(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)SONE Yoshifuto

(57) Abstract :

A yarn supplying section (7) supplies a yarn (20). A yarn accumulating section (18) accumulates the yarn (20) supplied from the yarn supplying section (7). A winding section (8) winds the yarn (20) accumulated in the yarn accumulating section (18) to form a package (30). A control section (25) carries out an accumulated amount control of controlling the accumulated amount by carrying out the adjustment of the speed of the yarn (20) by a drum drive motor (19) within a range of a predetermined adjustment width. The control section (25) carries out, in parallel with the accumulated amount control, an adjustment width reduction contro1 of reducing the adjustment width to a target value based on the information detected by an upper limit sensor (36) .

No. of Pages : 74 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1489/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELEVATOR SYSTEM

(51) International classification :B64G1/42
(31) Priority Document No :2013-119390
(32) Priority Date :06/06/2013
(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)HATORI Takahiro
3)HOSHINO Takamichi
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(57) Abstract :
In an elevator system including an elevator having plural cars, transportation efficiency is improved, energy saving is promoted, and passengers discomfort is suppressed in a balanced manner according to traffic demand. The elevator system includes: a control system to perform semi-double operation in which, out of base floors, an upper car serves an even-numbered floor and a Iower car serves an odd-numbered fIoor, skip operation in which, out of all floors to be served, an upper car serves even-numbered floors and a lower car serves odd-numbered floors, and single operation in which only an upper car or a l-ower car is used; and an overall assessment unit which determines a car to be assigned based on a passenger assessment unit to assess congestion in each car, a number-of-stops assessment unit to assess a magnitude of a number of stops, a waiting tj-me assessment unit to assess a magnitude of waiting time, and an energy saving assessment unit to assess a magnitude of power consumption. In the elevator system, degrees of priority to be placed on the passenger assessment unit, number-of-stops assessment unit, waiting time assessment unit, and energy saving assessment unit are defined according to the operation method.

No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2014
(21) Application No.1548/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL CONTINUOUS COAL MINING MACHINE

(51) International classification :E21C27/24
(31) Priority Document No :201310399191.9
(32) Priority Date :05/09/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)ZHANG, Bo
8)JIANG, Chenju
9)XU, Xiaofeng
10)LIU, Xiaofeng
11)LI, Long

(57) Abstract :
The present invention relates to a novel continuous coal mining machine, comprising a cutting unit, an shovel plate unit, a body unit, a scraper conveyer, a rear support, a travel unit, a hydraulic system, and an electrical system, wherein, the body unit is provided with a revolving platform and a revolving cylinder, the revolving platform is mounted on the body unit via a revolving bearing, one acting point of the revolving cylinder is on the body unit, and the other acting point of the revolving cylinder is hinged to a side wall of the revolving platform via a pin shaft; the cutting unit is hinged to the revolving platform via a pin shaft, one acting point of a lifting cylinder is hinged to the cutting unit via a pin shaft, and the other acting point of the lifting cylinder is hinged to the revolving platform via a pin shaft; a cutting motor casing is equipped with two telescopic cylinders at two sides of its upper part, the piston rod of the telescopic cylinders pushes a motor to slide in the cutting motor casing, and the cutting motor pushes a reducer and cutting head to extend/retract; the reducer has a single-input and double-output structure, with its input end butt-jointed to the output end of the cutting motor and its two output ends disposed at the two sides of the reducer to drive the cutting heads at the two sides respectively.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1481/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND RADIO ACCESS NETWORK ELEMENT FOR DETERMINING A PERMANENT SUBSCRIBER IDENTITY OF A WIRELESS COMMUNICATION UNIT

(51) International classification :H04W48/08
(31) Priority Document No :1313701.3
(32) Priority Date :31/07/2013
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) 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)NEIL PHILIP PIERCY

(57) Abstract :
A radio access network element (101) obtains a permanent subscriber identity (IMSI) of a User Equipment (103) in an LTE wireless communication system (100) by sending a fake • service reject message to a User Equipment which has attempted to attach to a cell (102) in a request for services message which includes its S-TMSI. The reject message may include a cause code which results in the UE attempting to attach again, this time using its IMSI. The fake service reject message may be generated in a an eNode B serving one or more macrocells or a evolved Home Node B serving a small cell.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2014

(21) Application No.1482/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A COFFEE GRINDER, IN PARTICULAR FOR AN AUTOMATIC COFFEE MACHINE

(51) International classification :A47J42/18
(31) Priority Document No :01078/13
(32) Priority Date :06/06/2013
(33) Name of priority country :Switzerland
(86) International Application No :NA
Filing Date :NA
(87) 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)ADRIAN STEINER

(57) Abstract :
The feed unit (10) comprises: a first pair of motor-driven lower rollers (12a, 12b) for moving first tubes (Tl) forward along a first feed axis (xl); a second pair of motor-driven lower rollers (14a, 14b) for moving second tubes (T2) forward along a second feed axis (x2) parallel to the first one; a first pair of upper rollers (16a, 16b) for urging the first tubes (Tl) against the first pair of lower rollers (12a, 12b); a second pair of upper rollers (18a, 18b) for urging the second tubes (T2) against the second pair of lower rollers (14a, 14b); a plurality of first side rollers (22) for retaining laterally the first tubes (Tl); and a plurality of second side rollers (24) for retaining laterally the second tubes (T2). The upstream rollers (12a, 14a) of the first pair of lower rollers (12a, 12b) and of the second pair of lower rollers (14a, 14b) are rotatably mounted about a first transverse axis of rotation (ya) inclined by an angle (a) to the horizontal. The downstream rollers (12b, 14b) of the first pair of lower rollers (12a, 12b) and of the second pair of lower rollers (14a, 14b) are rotatably mounted about a second transverse axis of rotation (yb) parallel to the first one. The upstream rollers (16a, 18a) of the first pair of upper rollers (16a, 16b) and of the second pair of upper rollers (18a, 18b) are rotatably mounted about a third transverse axis of rotation (ya) parallel to the first one. The downstream rollers (16b, 18b) of the first pair of upper rollers (16a, 16b) and of the second pair of upper rollers (18a, 18b) are rotatably mounted about a fourth transverse axis of rotation (yb) parallel to the first one. Each upper roller (16a, 16b, 18a, 18b) is adapted to be moved towards a respective lower roller (12a, 12b, 14a, 14b) to clamp a respective tube (Tl, T2) against the lower roller (12a, 12b, 14a, 14b): The feed unit (10) further comprises a separating element (34) movable between d rest po- :sition, in which:it is hot interposed.between the first and second tubes (Tl, T2),herebyi the first and second tubes (Tl,:T2) are in contact with eachother, and a working position,/ ; in Which iris interposed between the first and second tubes (TlV;T:thUs:|vtingfie] tubesfromt

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1615/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :14/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE FOR THE FINE MACHINING OF A CIRCUMFERENTIAL WORKPIECE SURFACE AND METHOD FOR OPERATING THE DEVICE

(51) International classification :B24B21/22
(31) Priority Document No :13 175 727.0-1702
(32) Priority Date :09/07/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)SEGER, Martin
4)HAAS, Alfons
5)HILDEBRANDT,Oliver

(57) Abstract :
The invention relates to a device (10) for the fine machining of the circumferential workpiece surface arranged eccentrically relative to the axis (12) of a workpiece, especially of a lifting bearing of a crankshaft or of a camshaft, said device having a pressure mechanism (28) to press a fine-machining tool (42) against the circumferential workpiece surface, whereby a drive unit (66) is provided by means of which the active section of the pressure mechanism (28) can be driven by means of a first drive (68) in a movement plane that runs crosswise to the workpiece axis (12) along a first movement trajectory (62), and by means of a second drive (70) along a second movement trajectory (56) that is at an angle to the first movement trajectory (62).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2014
(21) Application No.1498/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CLIP

(51) International classification :B42F1/08
(31) Priority Document No :2013-120989
(32) Priority Date :07/06/2013
(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)YAMASHITA, Syouji

(57) Abstract :
A clip may have a clip body configured to be attached to a rib formed in an attaching article and configured to be inserted into an attaching hole formed in an object panel. The clip body includes a clamping portion configured to be coupled to the rib via an engagement slot formed in the rib, and an engagement portion elastically engageable with the attaching hole, The engagement portion has a biasing body that is configured to elastically contact an outer surface of the rib when the engagement portion is deformed inwardly caused by an extraction load applied to the clip body. The biasing body is positioned so as to contact the outer surface of the rib m a position closer to a distal end of the rib than the engagement slot.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1617/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :16/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONTROL OF LOW VOLUMETRIC FLOW INSTABILITES IN STEAM TURBINES

(51) International classification :F01D19/00
(31) Priority Document No :13172223.3
(32) Priority Date :17/06/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)HALLER, BRIAN ROBERT
2)RICE, TIMOTHY STEPHEN

(57) Abstract :
Configuration (10) of the last stage of a steam turbine where rotor blades (2) rotate encircled by a vane carrier (1), such that a plurality of passages (20) are located in the vane carrier (1), such that a fluid is blown through these passages (20) forming a flow that impinges onto the rotor blades (2), the number of passages (20), the location of the passages (20) in the vane carrier (1) and the velocity of the flow impinging onto the rotor blades (2), being calculated in such a way that rotating flow instabilities in the rotor blades (2) when the steam turbine operates at low volumetric flow conditions are avoided.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1619/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :16/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DETECTION SYSTEM WITH SIMULTANEOUS MULTIPLE TRANSMISSIONS AND DETECTION METHOD

(51) International classification :H04B1/44
(31) Priority Document No :13 01453
(32) Priority Date :21/06/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GUY DESODT
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3)JEAN-PAUL GUYVARCH

(57) Abstract :
The system includes an antenna composed of transmission sub-arrays (A1, ¦ AQ) illuminating one and the same zone of the space and at least one reception sub-array (AR), each sub-array having a given position in said array, each transmission sub-array transmitting a signal having a specific characteristic, the set of characteristics specific to each sub-array forming the simultaneous multiple transmission code, the detection of targets being performed by the transmission of a series of bursts of multiple transmissions, said series including at least two different transmission codes, echoes being detected in the main lobe and in the sidelobes, the system: - transmits different codes (67) from among at least two bursts, - detects the signals (68) originating from each direction; - carries out the aggregation (69) of the different signals (70) detected in each direction for said at least two bursts, said aggregation reducing the level of the echoes detected by said sidelobes.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1684/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :24/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VEHICLE BODY CROSS MEMBER STRUCTURE

(51) International classification :B62D25/08
(31) Priority Document No :2013-132724
(32) Priority Date :25/06/2013
(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)MOCHIZUKI, Shinei
2)MASAKI, Yoshitaka

(57) Abstract :
There is provided a vehicle body cross member structure. A floor panel configures a vehicle body floor. A pair of side members are provided at a lower surface-side of the floor panel and extend in a vehicle front-rear direction and respectively along both ends of the floor panel in a vehicle width direction. A cross member bridges between the pair of side members and supports the floor panel over the vehicle width direction. A cross-sectional surface of the cross member as seen in the vehicle width direction has a hat shape protruding downwardly from the floor panel. The cross member has a central area positioned at a center in the vehicle width direction and two outer extension areas extending further outwardly from both ends of the central area in the vehicle width direction and each having a part of which a protruding amount of the hat shape is larger than that of the central area. When seeing the cross member from below, two shape change lines which are starting points of a change in the protruding amount of the hat shape, are formed so as to be oblique relative to the vehicle front-rear direction and to be non-parallel with each other.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1256/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :29/04/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DRIVE OF A SEAT ADJUSTING DEVICE FOR MOTOR VEHICLES

(51) International classification :B60N 2/00
(31) Priority Document No :12 191 709.0
(32) Priority Date :07/11/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)GUENTER WEISSENSEEL

(57) Abstract :
Drive ofa seat adjusting device, especially for motor vehicles, with a spindle (5) that is fastened on a first (4) oftwo rails (3, 4), which are adjustable with respect to each other, by means ofat least one mounting (60) located on one end ofthe spindle (5), and with a transmission (9) driven by a motor (2) that is mounted on the second rail (3), whereby the mounting (60) is a single piece stamped bent part with a first area (A) with at least one fastener opening (64a, 64b) and with a second area (B) that is offset upward with respect to the first area (A) for holding one end (5a) ofthe spindle (5), whereby the first area (A) and the second area (B) are connected to form a single piece by a transition area (C), whereby the second area (B) is designed with a slot with legs (82a, 82b) that lie opposite each other, at least in sections, and opposite a slot (81) between which the end (5a) ofthe spindle (5) can be fixed.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1642/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : BEARING CUP AND CROSS SHAFT JOINT

(51) International classification :F16D3/26
(31) Priority Document No :2013-127706
(32) Priority Date :18/06/2013
(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)HIROTSUGU KUSANO
4)KENICHI HASHIMOTO
5)HIROSHI KOBAYASHI

(57) Abstract :
A cross shaft joint (6) includes a bearing cup (24), a cross shaft (23), and a joint yoke (20). The bearing cup (24) includes a cylindrical portion (48) in which an opening portion (50) for receiving a shaft portion (46) is formed one end of the bearing cup in an axis direction, and a bottom portion (49) that closes the other end of the cylindrical portion (48) in the axis direction. The bearing cup (24) is press-fitted into the fitting hole (31,42) and supports the shaft portion (46) fhrough a rolling element (53) so that the shaft portion (46) is able to rotate. The bearing cup (24) is fitted onto the shaft portion (46) inside the fitting hole (31, 42) and holds the rolling element (53) with the shaft portion (46). A diameter of an inner peripheral surface (48A) of the cylindrical portion (48) is smaller on the opening portion (50) side than the bottom portion (49) side in a free state of the bearing cup (24) before being press-fitted into, the fitting hole (3 1,42).

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1710/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :25/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SAMPLING DEVICE FOR THERMAL ANALYSIS

(51) International classification :G01N1/12
(31) Priority Document No :1350874-2
(32) Priority Date :12/07/2013
(33) Name of priority country :Sweden
(86) International Application No :NA
Filing Date :NA
(87) 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)POPELAR, Patrik
2)WALLACE, Steve

(57) Abstract :
A sampling device comprises a container having an essential cylindrical part and a bottom part. The container further comprises an inner wall member and an outer wall member. The inner wall member and the outer wall member are essentially coaxially arranged in the cylindrical part of the container and joined at the top part of the container, and the inner and outer wall members define a closed insulating space between the outer surface of the inner wall member and the inner surface of the outer wall member. The sampling device further comprises temperature responsive means adapted to extend into the sample quantity during thermal analysis. Spacer means is arranged in the insulating space in the bottom part of the container and/or in the cylindrical part of the container in the vicinity of the bottom part. The sampling device may be easily manufactured in a cost-effective manner and ensures that reliable results during thermal analysis are achieved.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1711/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :25/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : A COMPOSITION FOR COATING OF A SURFACE, AND A COATING

(51) International classification :C11D9/36
(31) Priority Document No :1350875-9
(32) Priority Date :12/07/2013
(33) Name of priority country :Sweden
(86) International Application No :NA
Filing Date :NA
(87) 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)BJ–RKLIND, Tobias

(57) Abstract :
The composition for coating of a surface intended to be exposed to a metal melt is disclosed. The composition essentially consists of: 8-18 wt-% of a refractory component; 50-75 wt-% of solvent, preferably water; 10-20 wt-% of an inorganic binder; 0-10 wt-%, preferably 2-10 wt-%, of an organic binder; 0.3-7 wt-%, preferably 2-6 wt-%, more preferably, 3-5 wt-% of pyrite; and optionally up to 10 wt-%, preferably up to 5 wt-%, of additional additive or additives. The composition results in a coating on a surface, which coating is able to reduce the dissolved elemental magnesium content in a metal melt to which the surface is exposed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014
(21) Application No.1443/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BRUSH PLATE AND ELECTRICAL MOTOR MOUNTED WITH THE SAME

(51) International classification :H01R39/38
(31) Priority Document No :201310278784.X
(32) Priority Date :04/07/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CUI, Guoqiang
3)YANG, Sulin
4)KOESTERS, Matthias

(57) Abstract :
The present invention relates to a brush plate comprising a base plate and an electrical module carried by the base plate, wherein the electrical module is installed on the base plate by means of a sliding pair such that the electrical module is lockable on the base plate at a terminal point of the sliding pair along an installing direction thereof. The present invention also relates to a motor comprising said brush plate.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1445/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :31/05/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AIR CLEANER STRUCTURE OF MOTORCYCLE

(51) International classification	:F02M35/02	(71)**Name of Applicant :**
(31) Priority Document No	:2013-119983	**1)Suzuki Motor Corporation**
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(86) International Application No	:NA	**1)KAWATA, Koichiro**
Filing Date	:NA	
(87) 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 :
An opening of an upper surface of an air cleaner main body has an air cleaner upper cover mounted thereon, and is closed by the air cleaner upper cover fastened by bolts via a seal member, and air cleaner bottom plates are fastened to the air cleaner main body via seal members in openings of a bottom surface of the air cleaner main body. Passage holes connecting an engine combustion chamber and the air cleaner main body are provided on the air cleaner bottom plates, and an opening of a front surface of the air cleaner main body is inserted into intake ducts of vehicle body frames via seal members, and configured as an air introduction port.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1650/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :19/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : COMBUSTION CHAMBER STRUCTURE FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02B17/00
(31) Priority Document No :2013-197658
(32) Priority Date :25/09/2013
(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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Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan,
(72)**Name of Inventor :**
1)TAKASHI NOMURA
2)SATOSHI IIJIMA
3)HIDEKI SAITO

(57) Abstract :
To provide a combustion chamber structure for an internal combustion engine that prevents knocking in a two-valve internal combustion engine. [Solution] In an internal combustion engine having an intake valve opening (42) and an exhaust valve opening (43) disposed at opposite positions to each other across a cylinder axis (C) as a center axis of a cylinder bore (16b), in a ceiling surface (50) of a cylinder head (17) and opening facing a combustion chamber (40), a top surface (60t) of a piston (60) has a piston-side recess (61) formed by recessing the inside of a piston-side squish surface (62) formed along an outer peripheral edge of the top surface (60t), and the piston-side recess (61) is formed inan elliptical shape substantially surrounding an umbrella portion (46p) of an intake valve (46) and an umbrella portion (47p) of an exhaust valve (47) on both sides in a major axis direction as viewed in a cylinder axis direction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/06/2014
(21) Application No.1721/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE FOR TRANSPORT OF A CONTAINER IN A CONTAINER CLEANING MACHINE

(51) International classification :B65G47/84 :DE 20
(31) Priority Document No 2013 102 893.2
(32) Priority Date :02/07/2013
(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 :**
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Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRAUBLING, GERMANY
(72)**Name of Inventor :**
1)WINKEL, MATTHIAS
2)MESSER, KARL-HEINZ
3)ZWEIGARDT, ANNA

(57) Abstract :
The present invention relates to a device (1) for transport of a container (100) in a container cleaning machine, preferably for transport of a plastic returnable bottle in a bottle cleaning machine of a beverage filling plant, comprising a container cell, preferably with a container cell insert (10), for accommodation of the container (100), and a locking device (2) for locking the container (100) in the container cell, wherein the locking device (2) comprises at least one locking lever (20) pivotable between a locking position and a removal position.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1722/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :26/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SOLID DYE PREPARATIONS

(51) International classification	:C09B61/00 :DE 20	(71)**Name of Applicant :** **1)SYMRISE AG** Address of Applicant :M¼hlenfeldstrae 1, 37603 Holzminden, Germany
(31) Priority Document No	2013 006 887.6	
(32) Priority Date	:01/08/2013	(72)**Name of Inventor :** **1)ZILLMANN, Olaf** **2)MNSTERMANN, Marek**
(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	

(57) Abstract :
Proposed are solid dye preparations, containing (a) starch, (b) silica having a D50 particle size (Coulter LS 230) in the range of 10 to 80 µm, (c) silica having a D50 particle size (Coulter LS 230) in the range of 80 to 140 µm, (d) sodium chloride, (e) dyes, and if applicable, (f) fragrances and/or flavourings, with the proviso that they contain at least 15% by weight of water.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1459/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :02/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SPINNING MACHINE AND FALSE TWIST DEVICE

(51) International classification :D02G1/08
(31) Priority Document No :10 2013 108 096.0
(32) Priority Date :29/07/2013
(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)Wilhelm Stahlecker GmbH
Address of Applicant :Donzdorfer Strasse 4, 73079 S¼essen, Germany
(72)**Name of Inventor :**
1)Gerd Stahlecker
2)Peter Blankenhorn
3)Nora Stopp
4)Karlheinz Huber

(57) Abstract :
A spinning machine, particularly a ring spinning machine comprising a plurality of units (1) disposed adjacent to each other, each unit (1) comprising a drafting system for drafting a fiber band and a spinning device for twisting the drafted fiber band into a thread (3) and a false twist device (9) disposed between the drafting system and the spinning device. The false twist device (9) comprises at least one belt (1 1) driven by means of a drive device and running substantially transverse to the thread (3) and the thread (3) loops, particularly in a Z shape, around two runs (4, 5) of the belt(s) (1 1) running in opposite directions. The at least one belt (I I) extends between the drive device and a deflecting device along a plurality of the units (1) of the spinning machine (10). The belt (1 1) is supported by at least one support roller (17) and the at least one support roller (17) is supported having an axial degree of freedom.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2014
(21) Application No.1523/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VALVE APPARATUS AND METHOD OF MANUFACTURING THE SAME

(51) International classification :B23P11/00
(31) Priority Document No :2013-121235
(32) Priority Date :07/06/2013
(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)Daisuke Tsuji
2)Osamu Shindo

(57) Abstract :
According to one embodiment, a cladding 5 portion is integrally formed on a sliding-contact surface of a valve rod or a valve body, which serves as a movable member, wherein the cladding portion is formed by inducing a pulsed discharge between an electrode which 10 is formed of a molded body consisting mainly of a metal and a treatment target portion of the valve rod or the valve body, so as to weld and deposit a material of the electrode on a surface of the treatment target portion. A surface layer is integrally formed on a sliding15 contact surface of a bushing or a sleeve, which serves as a stationary member, wherein the surface layer is formed by forming a first coating film by surfacehardening heat treatment using a metallic cementation.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1657/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :20/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : EXHAUST GAS COOLER

(51) International classification :F28C3/06
(31) Priority Document No :61/837,736
(32) Priority Date :21/06/2013
(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 :**
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Address of Applicant :1500 DeKoven Avenue Racine, WI 53403-2552 United States of America.
(72)**Name of Inventor :**
1)SWEET, Brian
2)GROTOPHORST, Thomas

(57) Abstract :
An exhaust gas cooler includes tubes to convey an exhaust gas through the cooler, a header plate to receive ends of the tubes, and a diffuser. The diffuser and the header plate together define an inlet plenum for the exhaust gas. The diffuser includes a connection flange to join the diffuser to the header plate, and the connection flange is substantially shielded from the flow of exhaust gas passing through the inlet plenum.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1728/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :27/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VEHICLE WIPER SYSTEM AND ITS MOTOR ASSEMBLY

(51) International classification :H02K7/116
(31) Priority Document No :201320456346.3
(32) Priority Date :29/07/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZHU, Hansong
2)ZHAO, Zhanzhi

(57) Abstract :
The utility model relates to a motor assembly (200) which comprises a commutator; an electromagnetic shielding cover (240, 240™) surrounding the commutator closely or semi-closely; and a bracket supporting the electromagnetic shielding cover (240, 240™), wherein the bracket comprises a bearing surface (236), and at least a portion of the electromagnetic shielding cover (240, 240™) is carried on the bearing surface (236) and is shaped to be conformed with the shape of the bearing surface (236). The utility model also relates to a wiper system comprising the above motor assembly. The electromagnetic shielding cover has a simple structure and a low cost, and it is easy to modify the electromagnetic shielding cover according to different types of motors.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1800/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :03/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD TO DETECT AN ALARM SITUATION AND TO SEND SILENT ALERTS TO EXTERNAL SYSTEMS USING VOICE INPUT TO MOBILE DEVICES

(51) International classification :H04W4/02
(31) Priority Document No :13/943,261
(32) Priority Date :16/07/2013
(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)RAVIKUMAR VEMAGAL ASWATH
2)VINAY HEGDE
3)DEEPAK SUNDAR MEGANATHAN

(57) Abstract :
Disclosed is an apparatus that embodies a method including a panic alert mobile application of a security system that protects a secured geographic area executing on a portable electronic device of an authorized user, the panic alert mobile application retrieving a predetermined word sequence associated with the authorized user, the panic alert mobile application continuously monitoring spoken words of the authorized user, the panic alert mobile application detecting the predetermined word sequence in the spoken words of the authorized user and the panic alert mobile application reporting a panic alert to a central monitoring station of the security system.

No. of Pages : 14 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1687/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :24/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : TANK-TYPE VACUUM CIRCUIT BREAKER

(51) International classification	:H01H33/662
(31) Priority Document No	:2013-132410
(32) Priority Date	:25/06/2013
(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)Tetsu SHIOIRI
2)Yuuki FUJII
3)Naoki ASARI
4)Junichi SATO
5)Nobutaka KUBOTA

(57) Abstract :
According to one embodiment, a tank-type vacuum circuit breaker includes a tank, a vacuum valve provided in the tank, 5 an insulating layer provided on an outer circumference of the vacuum valve, having a fixed side interface connecting portion and a movable side interface connecting portion, a grounding layer provided on an outer circumference of the insulating layer, a fixed side bushing having an interface connecting 10 portion connected to the fixed side interface connecting portion, a fixed side porcelain tube to house the fixed side bushing, a movable side bushing having an interface connecting portion connected to the movable side interface connecting portion, a movable side porcelain tube to house the movable 15 side bushing, and insulation gas filled in the tank, at an approximately atmospheric pressure.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2014

(21) Application No.1688/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FILTER UNIT WITH A SIGNAL UNIT AND A SIGNAL TRANSFER UNIT

(51) International classification :A61B5/00
(31) Priority Document No :10 2013 214 634.5
(32) Priority Date :26/07/2013
(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 :**
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1)GRUBER, Thomas
2)GARCIA, Martha Carolina Sanchez
3)BALLIER, Fabian-Felix

(57) Abstract :
The present subject matter relates to a filter device (10) for filtering a fluid, in particular of a motor vehicle, comprising a filter housing (12, 14) and a filter element (24, 40) to be coupled thereto, wherein an electrical signal device (64, 66, 68, 70, 72) is provided for detecting the presence of a proper filter element, which is designed as circuit having a specific resistance and comprises an electrical signal transfer unit between the filter housing (12, 14), and the filter element (24, 40) having at least one contact (52, 64, 66), wherein the specific resistance is self determined from the electrical conductive resistance of the at least one electrical contact (52, 64, 66).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1830/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRIC MACHINE AND METHOD OF MOUNTING AN ELECTRIC MACHINE

(51) International classification :H02K15/02
(31) Priority Document No :102013213193.3
(32) Priority Date :05/07/2013
(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 :**
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(72)**Name of Inventor :**
1)BORES, Javier
2)NAGANOORU, Vinaya Ningappa

(57) Abstract :
An object of the present subject matter relates to electric machine (100), in particular a starting device such as a starter for cranking an internal combustion engine comprising at least one intermediate bearing (46), which supports a drive train with an internal gear (98) with at least two transmission parts that are coupled together, wherein at least one sealing unit (39) is provided at the intermediate bearing (46) for sealing of the internal gear (98), wherein at least one damping device (90) for damping of at least one transmission part is provided in at least a circumferential direction, so that in the region (110) from the transition from the intermediate bearing (46) and the internal gear (98), at least one seal and an extensive attenuation of the gear (98) are ensured The present subject matter also relates to a method for manufacturing and/or assembly of an electric machine (100).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1831/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :05/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : STORAGE SECTION OF A CONVEYOR DEVICE AND METHOD FOR TEMPORARILY STORING ARTICLES.

(51) International classification	:B65G1/12	(71)**Name of Applicant :**
	:DE 10	**1)Krones AG**
(31) Priority Document No	2013 107	Address of Applicant :Boehmerwaldstr. 5, 93073
	582.7	Neutraubling, Germany
(32) Priority Date	:17/07/2013	(72)**Name of Inventor :**
(33) Name of priority country	:Germany	**1)SEGER, Martin**
(86) International Application No	:NA	**2)HUETTNER, Johann**
Filing Date	:NA	**3)WAHL, Matthias**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Disclosed is a storage section (10, 10a, 10b, 10c) for the intermediate storage of articles (12), packaged or piece goods of a conveyor device for the continuous or intermittent transport of articles (12), packaged or piece goods. The storage section (10, 10a, 10b, 10c) has at least one storage span (14) on a first level (18) and at least one empty span (16) on a second level (20) that is connected with the storage span (14). The storage span (14) has two flexible loading and transport sections (22) that run parallel to one another in opposite directions on the first level (18) for the articles (12), packaged or piece goods to be stored, which loading and transport sections (22) are connected by a first diversion section (24) describing a circular arc of approximately 180 °. The empty span (16) circulates on a second level (20), which is below the first level (18) of the storage span (14). The endlessly circulating loading and transport sections (22) are connected by a second diverting section (54), which describes a circular arc of approximately 180 °, in the area of the empty span (16). The first diversion section (24) of the storage span (14) corresponds to an upper span (62), in the area of the first level (18), of one endless traction means (58) arranged between at least two second diverting means (52, 56) and coupled therewith. Its lower span (64) runs in the area of the second level (20), and is coupled there with the second diversion section (54) of the empty span (16). The positions of the first diversion section (24) and the second diversion section (54) can be changed in opposite directions by moving the driven endless traction means (58), such that a storage volume of the storage span (14) can be varied by changing the position of the first diversion section (24) and changing the position of the second diversion section (54) of the empty span (16).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1485/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ACTUATOR FOR CONTACTOR

(51) International classification :H01H3/00
(31) Priority Document No :2013-118526
(32) Priority Date :05/06/2013
(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)MORITA Ayumu
3)YABU Masato
4)NAKAZAWA Akio
5)TSUCHIYA Kenji

(57) Abstract :
An actuator for a contactor comprises an electromagnet having a cl-osing coil, a hording coil, fixed cores wound with the cfoslng coil and the holding coil respectively, a movable core provided on one side of the fixed cores, and a yoke. A main contact movabre member operates to perform crosing or interrupting by attraction or rerease of the movabre core with respect to the fixed core. The actuator has a trip spring, energy-stored during the closing, that performs the interrupting upon stopping energizaL:.on to the holding coil and thereby rereasing the stored-energy. The actuator has an auxiriary contact operating with the operation of the movable core and performing energization switching with respect to the crosing coir and the holding coir. The trip spring is provided on one side of the electromagnet in a horizontal direction while the auxiliary contact is provided on the other side.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2014
(21) Application No.1486/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MEMBRANE AND METHOD FOR TREATING FLUIDS INCLUDING AN ORGANIC PHASE

(51) International classification :B01D61/14
(31) Priority Document No :13/923,932
(32) Priority Date :21/06/2013
(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 :**
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(72)**Name of Inventor :**
1)BRANTLEY, JOHN D.
2)DIETZ, JACOB M.

(57) Abstract :
Coated membranes for separating a discontinuous organic phase from a fluid mixture comprising the discontinuous organic phase and a continuous aqueous phase, devices including the membranes, and methods of using the membranes, are disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1487/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR TREATING FLUID MIXTURES INCLUDING AQUEOUS AND ORGANIC PHASES

(51) International classification :C10L3/00
(31) Priority Document No :13/924,032
(32) Priority Date :21/06/2013
(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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1)PALL CORPORATION
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(72)**Name of Inventor :**
1)BRANTLEY, JOHN D.
2)DIETZ, JACOB M.

(57) Abstract :
Systems and methods are disclosed for separating a continuous aqueous phase and a discontinuous organic phase from a mixture containing both phases.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2014
(21) Application No.1689/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FILTER DEVICE WITH A HEATING DEVICE AND A SIGNAL DEVICE

(51) International classification :F02D41/08
(31) Priority Document No :10 2013 214 638.8
(32) Priority Date :26/07/2013
(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

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(72)**Name of Inventor :**
1)GRUBER, Thomas
2)GARCIA, Martha Carolina Sanchez
3)BALLIER, Fabian-Felix

(57) Abstract :
The present subject matter relates to a filter device (10) for filtering a fluid, in particular of a motor vehicle, comprising a filter housing (12, 14) and a filter element (24, 40) to be coupled thereto, wherein an electrical heating device (42, 50, 52) is provided for heating of fluid flowing through the filter device (10) and an electrical signal device (64, 66, 68, 70, 72) is provided for detecting the presence of a proper filter element, wherein the electrical heating device (42, 50, 52) and the electrical signal device (64, 66, 68, 70, 72) are assembled to an electrical component.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1832/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :05/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR REPOLARIZING A PIEZOELECTRIC ACTUATOR OF AN INJECTOR OF AN INTERNAL COMBUSTION ENGINE OF A USED VEHICLE

(51) International classification :F02M51/06
(31) Priority Document No :FR 1357478
(32) Priority Date :29/07/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CONTINENTAL AUTOMOTIVE GmbH
(72)**Name of Inventor :**
1)MICHAEL LEBLON
2)ALAIN ATANASYAN
3)YVES AGNUS

(57) Abstract :
The present invention relates to a method for repolarizing a piezoelectric actuator of an injector of an internal combustion engine of a used vehicle, the piezoelectric actuator having undergone initial polarization before the vehicle was put into use, the method comprising the following steps, the piezoelectric actuator being associated with the injector, the latter being mounted on the engine, the engine being stopped: applying a first polarization voltage (V1) to the terminals of the piezoelectric actuator during a first specified time interval (T1) of not less than ten minutes, stopping the application of the first polarization voltage during a second time interval (T2), following the first time interval and at least equal to the latter, applying a second polarization voltage (V2) to the terminals of the piezoelectric actuator during a third specified time interval (T3), following the second time interval, stopping the application of the second polarization voltage to the terminals of the piezoelectric actuator after the third time interval, the successive first, second and third time intervals defining a repolarization sequence of the piezoelectric actuator.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1571/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :10/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : REQUIREMENTS DEFINITION PROCESS AIDING SYSTEM

(51) International classification	:G06Q10/06
(31) Priority Document No	:2013-197693
(32) Priority Date	:25/09/2013
(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)KUMAGAI Kiyoshi
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6)SUZUKI Shigeru

(57) Abstract :
A requirements definition aiding method causes a designer to become aware of study omissions by visualizing relations between measures and businesses. Measures that become a cause of reform of a business are previously described in relation to targets that change on business. Each business (5001) is previously described by using targets (resource (5002), processing (5003), and rule (5004)) handled on the business. Dependence relations (4101) and exclusive relations (4102) are previously defined as relations between measures. Relations between measures and businesses are extracted by using targets that become common in measures and businesses. A measure that is not assigned to a business, insufficient application of a measure in a dependence relation, and an application contradiction of a measure in an exclusive relation are extracted.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1637/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :17/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SEAT LOCKING DEVICE OF MOTORCYCLE

(51) International classification	:E05B71/00
(31) Priority Document No	:2013-205995
(32) Priority Date	:30/09/2013
(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)AKIHIRO NAKAJIMA
2)KAZUNORI YOSHIMURA
3)YU MIYAJIMA

(57) Abstract :
To prevent an unlocking cable from separating from a seat lock. [Solution] A seat lock 57 that locks a seat I1 is provided with a base 60 and a base side wall 61 is provided on both right and left sides of the base. A cable groove 62 open backward is formed with the cable groove widened in the base side wall 61 and an 11 unlocking cable 48 for unlocking is fitted into the cable groove. A shielding cover 50 in the shape of a container covers a seat locking device 40 from the rear side and the unlocking cable 48 is prevented from separating from the cable groove 62 by the shielding cover 50.

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2014
(21) Application No.1638/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AUTOMATIC TOOL STORING MECHANISM

(51) International classification :B23Q3/157
(31) Priority Document No :2013-161112
(32) Priority Date :02/08/2013
(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)KITAMURA Akihiro
2)KITAMURA Kosaku
3)ASANO Takashi

(57) Abstract :
An automatic tool storing mechanism has a plurality of main magazine, transporting means, and a tool exchanging arm. Each main magazine holds a large number of pots with tools. The transporting means transports the pots with tools one by one between the main magazine and the waiting position close to the main spindle. The tool exchanging arm takes out an unused or preused pot with tool which is waiting at the waiting position and attaches it to the main spindle and also removes the used tool from the main spindle and places it in the pot.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1716/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :26/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CATHETER WITH IMPROVED IRRIGATED TIP ELECTRODE HAVING TWO-PIECE CONSTRUCTION, AND METHOD OF MANUFACTURING THEREFOR

(51) International classification :A61B18/14
(31) Priority Document No :13/958,455
(32) Priority Date :02/08/2013
(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)DANIEL GONZALEZ
3)JOHN THOMPSON
4)IVAN TOTTEN

(57) Abstract :
A catheter has a two-piece tip electrode with a shell and a support structure that are secured to each other by multiple redundant mechanisms in order to reduce the risk of tip detachment during a procedure. The tip electrode includes at least two different welds attaching the shell to the support structure to provide a dual failure mode. One weld includes a seam weld and another weld includes a penetration weld.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2014
(21) Application No.1860/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PINCHING AND CUTTING DEVICE FOR A FLAT KNITTING MACHINE

(51) International classification :D04B15/56
(31) Priority Document No :1356772
(32) Priority Date :10/07/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KEIFFER David
3)CHARNAVEL Fran§ois

(57) Abstract :
The invention relates to a device (3) for pinching and cutting 5 yarns for a flat knitting machine, said machine, said machine comprising at least one needle board (1) on which a plurality of needles are arranged, said device comprising a plurality of hooks (6) capable of grasping at least one yarn and moving between an idle position and a gripping position, said device being configured to be fastened to one of the ends of said 10 needle board such that said device, when fastened to the needle board of the machine, extends in the plane of said needle board.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1653/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :19/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SADDLE RIDE TYPE VEHICLE

(51) International classification	:B60K17/00
(31) Priority Document No	:2013-205982
(32) Priority Date	:30/09/2013
(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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(57) Abstract :
An object of the invention is to keep attachment of a cushion,unit and seat rails from providing 5 a hindrance to installation of a fuel pump in a rear portion of a fuel tank. [Solving Means] A cushion bracket 58 is welded to a rear end portion of a single main frame 50 extending along a vehicle body center CT. Front end portions 62a of a pair 10 of left and right seat rails are bent obliquely downward toward the front and are welded to side surfaces of the cushion bracket 58. A cushion unit 60 is attached to a rear end portion of the cushion bracket 58 which is located below the front end portions 62a of the seat rails. This 15 attachment portion is set at a position behind a pump center PC of a fuel pump 76.

No. of Pages : 31 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1724/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :27/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SELF-SHIELDED VERTICAL PROTON LINEAR ACCELERATOR FOR PROTON-THERAPY

(51) International classification :H05H9/04
(31) Priority Document No :13175973.0
(32) Priority Date :10/07/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)JACOPO NARDULLI

(57) Abstract :
A linear proton accelerator including a plurality of accelerator components (10) arranged after one another, and comprising a proton source (11) and a plurality of accelerating units (15, 17). The accelerator further includes a reticular support structure (20) for supporting the accelerator components; the support structure is shaped as a prism with a polygonal cross-section, and has a plurality of side faces (21) joining opposite ends of the prism. The support structure is arranged concentrically with respect to the accelerator components.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1798/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :03/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWER PLANT WITH INTEGRATED FUEL GAS PREHEATING

(51) International classification :F02C7/224
(31) Priority Document No :13175484.8
(32) Priority Date :08/07/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)DROUX, FRANCOIS
3)BERG, KLARA

(57) Abstract :
The invention refers to a CCPP comprising a gas turbine (6), a water steam cycle with a steam turbine (13) and a HRSG (9) with at least two pressure levels, and a fuel preheater (2) for preheating the fuel (18) of the gas turbine (6). The fuel preheater comprises a first heat exchanger (20) for preheating the fuel (17) to a first elevated temperature, which is connected to a feed water line from a pressure level of the HRSG, which is below the highest HRSG pressure level, and a second heat exchanger (21) for further preheating the fuel gas to a second elevated temperature, which is connected to the high pressure feed water (36) with the highest pressure level ofthe HRSG (9). The disclosure further refers to a method for operating a CCPP with such a fuel preheater (2).

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1870/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :07/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HYDRAULIC MACHINE, IN PARTICULAR HYDRAULIC PRESSURE EXCHANGER

(51) International classification :F01B3/00
(31) Priority Document No :13180508.7
(32) Priority Date :15/08/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)SIGURDSSON, Haraldur

(57) Abstract :
A hydraulic machine (1) is shown, in particular a hydraulic pressure exchanger, comprising a drum (2) rotatable about an axis, a front plate arrangement having a front plate (7) and a pressure shoe (8), said drum (2) comprising a plurality of working cylinders (4), each working cylinder (4) having a front opening, during rotation of this drum (2), said front opening sliding over said pressure shoe (8) along a path, said pressure shoe (8) having at least two kidney-shaped openings, said kidney-shaped openings being arranged in said path. A hydraulic machine should be operated with low noise. To this end said pressure shoe (8) is arranged between said drum (2) and said front plate (7) and comprises at least a pressure cylinder (21) arranged between two neighboring kidney-shaped openings, a piston (22) being arranged in said pressure cylinder (21), said piston (22) resting against said front plate (7), said pressure cylinder (21) being connected with a supply opening (24) in a side of the pressure shoe (8) opposite said front plate (7), said opening (24) at least partly overlapping said path.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1611/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD OF OPERATING A MOTOR VEHICLE WITH A CLUTCH ASSEMBLY

(51) International classification :H04L9/08
(31) Priority Document No :102013211770.1
(32) Priority Date :21/06/2013
(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

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2)STRAUSS, Steffen
3)HEINZMANN, Bernd
4)POERTNER, Nikolas
5)SYGULLA, Felix
6)HOEFLE, Stefan
7)MUELLER, Norbert
8)RAI, Karthik

(57) Abstract :
The present subject matter relates to a method of operating a motor vehicle, and a clutch assembly (30) for carrying out the method. In the clutch assembly (30), a force applied by a driver on a clutch actuating element (32) is transmitted to a clutch (42) by means of a fluid, wherein upon actuation of the clutch actuating element (32), a powertrain is opened, the powertrain is kept opened by actuating a valve (38).

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1612/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRIC MACHINE, IN PARTICULAR ELECTRIC MOTOR

(51) International classification :H02K1/12
(31) Priority Document No :10 2013 211 968.2
(32) Priority Date :25/06/2013
(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

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1)BICK, Tobias
2)AUMANN, Christian

(57) Abstract :
The present subject matter relates to an electric machine comprising a power cable to supply current, the ends of which are accommodated in a holder part and are provided in contact with contact rails within the holder part. The contact rails meet contact lugs, which are connected to windings in the electric machine

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/06/2014
(21) Application No.1680/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : TRANSITION CONNECTOR FOR HYBRID FIBER OPTIC CABLE

(51) International classification :H01B13/016
(31) Priority Document No :61/838,466
(32) Priority Date :24/06/2013
(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)Richard L. Korczak

(57) Abstract :
A connector assembly for interconnecting hybrid optical fiber cables includes a connector module and a housing within which the connector module resides. The connector module includes: a mounting substrate; a plurality of fiber optic adapters mounted on the mounting substrate; and a plurality of power ports mounted on the mounting substrate.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1895/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :08/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : GAS CIRCUIT BREAKER

(51) International classification :H01H33/02
(31) Priority Document No :2013-153109
(32) Priority Date :23/07/2013
(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)MATSUSHITA Kozo
3)NAKAGAWA Atsushi

(57) Abstract :
A gas circuit breaker includes a hermetically-sealed container filled with an arc extinguishing gas, a fixed contact arranged within the container, a movable contact arranged to face the fixed contact and configured to move in an axial direction of the container, the movable contact capable of contacting or separating from the fixed contact, an insulating operation rod having one end connected to an end of the movable contact opposite to the fixed contact through a link at an angle of about 90 degrees with respect to the movable contact, and an actuator arranged in a substantially coaxial relationship with the insulating operation rod, the actuator including an output shaft transferring a driving force for the operation of the movable contact to the other end of the insulating operation rod

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1897/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :08/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DETERIORATION DETECTING DEVICE FOR VEHICLE FUEL CELL UNIT

(51) International classification :H01M8/04
(31) Priority Document No :2013-145560
(32) Priority Date :11/07/2013
(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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(57) Abstract :
[Problem to be Solved] To specifically determine the cause of deterioration occurring in a fuel cell unit mounted on a vehicle so that a restoring operation for the deterioration can be performed under appropriate conditions. [Solution] A target value of the output current of a fuel cell unit is changed in a step pattern. A transient response in the output voltage of the fuel cell unit driven such that the output current follows this target value is measured, and the transient response is decomposed into a quick response component and a slow response component. A time constant T1 of the quick response component, and a time constant T2 of the slow response component are calculated. A difference T1 between the time constant of the quick response component in the normal state and the time constant T1 is calculated, and a difference T2 between the time constant of the slow response component in the normal state and the time constant T2 is calculated. Deterioration associated with changes in the reactive state of the platinum catalyst of the fuel cell unit and the internal impedance of the cells is determined based on the difference T1, and deterioration associated with a change in the supply state of the hydrogen and oxygen in the fuel cell unit is determined based on the difference T2.

No. of Pages : 53 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1490/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SWITCHGEAR AND OPENING AND CLOSING METHOD THEREOF

(51) International classification :H01H3/00
(31) Priority Document No :2013-120346
(32) Priority Date :07/06/2013
(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)TSUCHIYA Kenji
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(57) Abstract :
To provide a switchgear havinghighelectricalisolating performanceinadditiontocapabilityofpreventing roughening of its contact surface. [Means for Resolution] To solve the above-described problem, a switchgear of thepresentinventionischaracterizedbyincluding:aplurality of switch units each having a fixed electrode and a movable electrode disposed to be opposed to the fixed electrode, the movable electrode being closed or opened with respect to the fixedelectrode; andoperating means configuredto operate the movable electrode being closed or opened with respect to the fixed electrode of each of the switch units, wherein the operating means is configured of one motive part and two follower parts that intermittently operate with each other, and part of each of the follower parts touches the motive part, thereby in a condition that moving force is not transmitted from the motive part to the follower part, a state of the follower part is fixed, and in a condition that the motive part shifts from an initial position to a final position, a state of one of the follower parts is allowed to transit, and a state of the other of the follower parts is changed with a delay from such state transit, thereby the switchunits are drivenwhile atime delay is produced.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1556/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :09/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : TENSIONER LIFTER

(51) International classification	:F16H7/22
(31) Priority Document No	:2013-157700
(32) Priority Date	:30/07/2013
(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)INUI HIROATSU

(57) Abstract :
To allow exertion of pushing force in a wider range and to widen the operation range of a tensioner lifter in which: a pressing body whose tip end portion abuts on a tensioner is biased in a direction of pressing the tensioner against an endless transmission belt while being slidably held in a supporting tube attached to an engine main body; and a wedge member is inserted between the pressing body and a regulating member provided to the supporting tube beside the pressing body. [Means for solving the problems] A contact face 53 of a wedge member 40 in contact with a pressing body 38 and a contact face 54 of the pressing body 38 in contact with the wedge member 40 are formed into flat faces parallel to the moving direction of the pressing body 38, and a face of the wedge member 40 in contact with a regulating member 39 is formed into a wedge face 58 inclined so as to obliquely intersect with the moving direction of the pressing body 38.

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1912/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :09/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VEHICLE DOOR STRUCTURE

(51) International classification :B60J7/00
(31) Priority Document No :2013-147538
(32) Priority Date :16/07/2013
(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)SATOH Hiroyuki

(57) Abstract :
A vehicle door structure according to the invention includes a door inner panel 112 which forms an inner face of a vehicle door 100, and a door trim 104 which is attached to a vehicle interior side of the door inner panel 112. The vehicle door structure further includes a door seal member 110 which is annularly attached to the door inner panel 112 to surround the door trim 104, a body seal member 130 which is annularly attached to a vehicle body 114 and which comes into contact with the door trim so as to form a first space 120 between the door seal member 110 and the body seal member 130 when the door is closed, a rib 132 which keeps an interval between the door trim 104 and the door inner panel 112, and a vent hole 150 which is made in the door trim 104 so that the first space 120 and the second space 140 can communicate with each other through the vent hole 150.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2014
(21) Application No.1913/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD OF TREATING A SKIN CONDITION WITH MALVA NEGLECTA

(51) International classification :A61K36/185
(31) Priority Document No :13/947,473
(32) Priority Date :22/07/2013
(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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8)MANPREET RANDHAWA

(57) Abstract :
The present invention relates to a method of treating a skin condition, particularly improving skin barrier function, improving the appearance of at least one sign of aging in skin, and / or lightening skin, by applying to the skin an extract of Malva neglecta topically to the skin in need of treatment. Topical application of non-polar and / or lipophilic extracts of Malva neglecta have been found to be particularly effective in improving skin barrier function, improving the appearance of at least one sign of aging in skin, and / or lightening skin. The extract may be applied in a composition further comprising an agent, such as an active cosmetic agent, for further treating the skin condition.

No. of Pages : 56 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1257/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :29/04/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : YARN WINDING DEVICE AND YARN WINDING METHOD

(51) International classification	:B65H 54/00
(31) Priority Document No	:2012-114442
(32) Priority Date	:18/05/2012
(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)YOSHIFUTO SONE

(57) Abstract :
A winding unit (1) of an automatic winder includes a bobbin supporting section (3) adapted to support a yarn supplying bobbin (8) in a replaceable manner; a yarn accumulating device (22) adapted to wind a yarn (y) unwound from the yarn supplying bobbin (8) to accumulate the yarn; a package forming device (4) adapted to wind 10 the yarn (y) unwound from the ya-rn accumulating device (22) to form a package (P); a yarn amount detecting section (12) adapted to detect an amount of yarn left on the yarn supplying bobbin (8); and a unit control section (5) adapted to predict an end of unwinding of the yarn (y) of the yarn supplying bobbin (8) based on a detection result 15 of the yarn amount detecting section (12) and to decelerate a winding speed of the yarn accumulating device (22) prior to the end of unwinding of the yarn (y).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1644/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DISK BRAKE

(51) International classification	:F16D65/18
(31) Priority Document No	:2013-136627
(32) Priority Date	:28/06/2013
(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)HAYASHI Shigeru
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(57) Abstract :
A return spring is provided between a friction pad and a mount member. The return spring biases the friction pad in a return direction for separating the friction pad from the disk, and is made of a metallic plate. The return spring includes a fixation portion on a proximal end side thereof, and the fixation portion is fixed to an ear portion of a back plate of the friction pad. The return spring includes an abutment portion, and the abutment portion is in elastic abutment with an abutment plate portion of a pad spring, which corresponds to a mount member side, on an outer side in a disk radial direction relative to the fixation portion. The pad spring includes a guide portion extending in a disk axial direction and supporting a side surface of an intermediate portion of the return spring.

No. of Pages : 62 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1792/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :02/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENGINE-DRIVEN WORKING MACHINE

(51) International classification	:F01P7/02
(31) Priority Document No	:2013-164144
(32) Priority Date	:07/08/2013
(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)KAKU OKABE
2)HIROKI IIKURA

(57) Abstract :
An engine-driven worlring machine is provided with a water production 5 device (20). The water production device includes: an evaporator (35) for evaporating raw water into vapor by use of waste heat of the engine (12); a condenser (38) for condensing the vapor, evaporated by the evaporator, to produce purified water; a first heating shroud (102) for directing cooling ail; blown out from a cooling fan (231, to the evaporator via a guide passage (108) 10 between the first heating shroud (102) and a cylincler section (95); a second heating shroud (103) for directing cooling ail; blown oat from the cooling fan, to the evaporator (35) via a guide passage (109) between the second heating shroud (103) and the cylinder section (95); and a cooling shroud (104) for directing cooling ail; led out through a leadout hole (111) of the first heating 15 shroud (102), to the conclenser (38) via the first heating shroud.

No. of Pages : 35 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1934/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :10/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR SETTING UP A CONNECTION TO A TERMINAL VIA A COMMUNICATION DEVICE, AND A TERMINAL AND A COMMUNICATION DEVICE FOR IMPLEMENTING THE METHOD.

(51) International classification :H04L12/56
(31) Priority Document No :10 2005 024 633.8
(32) Priority Date :30/05/2005
(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 :
Filed on :01/01/1900

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2)JURGEN BRIKESKORN

(57) Abstract :
Method for setting up a connection to a terminal via a communication device, and a terminal and a communication device for implementing the method According to the invention a connection addressed via a directory number (RNl) is set up to a terminal (EEl) by setting up a partial connection (RUF) to a communication device (KE), with determined additional information (P2) being conveyed to the communication device (KE) as part of the partial connection (RUF). As a result of said partial connection (RUF) and depending on the additional information (P2) conveyed, the partial connection (RUF) is further switched tothe terminal (EEl) by the communication device (KE).

No. of Pages : 53 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1604/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HEAT EXCHANGER IN A HOUSING

(51) International classification :F28D9/04
(31) Priority Document No :102013010537
(32) Priority Date :25/06/2013
(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

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1)SCHATZ-KNECHT, Wolfgang

(57) Abstract :
The invention relates to a heat exchanger in a housing (5), which is constructed from at least one stack (1) of tubes with ribs (3) arranged in between and a cover plate (4), the stack (1) being arranged in the housing (5), which is designed roughly cuboid and has three adjacent housing openings (51, 52, 53) arranged in three adjacent housing sides, with a continuous edge around each housing opening (51, 52, 53), the middle housing opening (52) representing an insertion opening for the stack, which is closed by means of an edge (41) of a cover plate (4) extending over the stack (1) on the edge of the insertion opening (52), and with three adjacent essentially closed housing sides (54, 55, 56). The invention provides a compact heat exchanger with which various design concepts can be implemented cost effectively. According to the invention, the housing (5) is a preferably one-piece, cage-like cast structure having two exposed struts (57, 58), one each between the adjacent housing openings (51, 52, 53), in which case the cover plate (4) with one edge side (41) is fastened to one strut (57) and with its roughly parallel other edge side (41) to the other strut (58).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2014
(21) Application No.1816/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MANAGING THE MANUFACTURING LIFECYCLE OF FASTENERS OF A PRODUCT

(51) International classification :G05B19/418
(31) Priority Document No :14/056,983
(32) Priority Date :18/10/2013
(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)CHRISTOPHER L. CARPENTER
3)ANTHONY J. WILLIAMS

(57) Abstract :
A system is provided that is configured to receive a manufacturing process plan (104) for a product including a plurality of component parts joined by fasteners, with the manufacturing process plan (104) including process definitions that describe process operations in which component parts are worked to manufacture of the product. The system is configured to generate graphical views for respective process operations of the manufacturing process plan (104) in which fastener locations are worked for installation of respective fasteners to join component parts of the product, and output the graphical views. The graphical view of a process operation may graphically depict one or more component parts and only those of the fastener locations on the one or more component parts worked during the process operation, with any others of the fastener locations on the same or other component parts being hidden from the graphical view.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2014
(21) Application No.1817/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTEGRATED ANIMAL TRAP AND WASTE DISPOSAL APPARATUS

(51) International classification :B01D35/00
(31) Priority Document No :PI2013002583
(32) Priority Date :05/07/2013
(33) Name of priority country :Malaysia
(86) International Application No :NA
Filing Date :NA
(87) 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)Abd Hamid Bin Sulaiman
4)Abd Halim Bin Yusoh
5)Mohd Tarmizi Bin Mohd Shah

(57) Abstract :
An integrated rodent trap and waste disposal apparatus is provided. The apparatus includes an upper chamber (102) and a lower chamber (104) separated by a perforated member (106) with the lower chamber (104) further including a ramp assembly (200).

No. of Pages : 17 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2014
(21) Application No.1956/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : RECORDING DEVICE

(51) International classification :G01D9/00
(31) Priority Document No :202013006449.8
(32) Priority Date :17/07/2013
(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

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(57) Abstract :
The invention relates to a recording device (1) for visualizing measured values and parameters of field devices in automation devices, having at least one analogue input (7) for directly connecting at least one wired field device and having an Ethernet interface (4) for communicating with a superordinate device and having a graphical display (2) for indication and an exchangeable storage unit (3) for retrospectively recording measured values and parameters of field devices. In order to communicatively acquire wired and wireless measured value acquisition processes, it is proposed that provision is made of a wireless communication interface (5) having a signal converter (6) which is connected to the Ethernet interface (4).

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1740/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :30/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : END WINDING CORONA PROTECTION

(51) International classification :H02K3/40
(31) Priority Document No :13174846.9
(32) Priority Date :03/07/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)LUGAND, THOMAS

(57) Abstract :
An end winding corona protection. A winding of a rotating electric machine, comprising a conductor and a groundwall insulation surrounding the conductor, an end winding corona protection arranged on the outer surface of the groundwall insulation, the end winding corona protection comprising a first layer characterized in that the surface resistance of the first layer is in the range of 10 Ohm to 80 Ohm, and in that the end winding corona protection further comprises a second layer arranged on the outer surface of the first layer, wherein the second layer is made of semiconductive material, and wherein third layer is arranged on the outer surface of the second layer and made of medium Vesistive material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2014
(21) Application No.1815/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS, SYSTEM AND METHOD FOR WIND TURBINE COMPONENT REPLACEMENT

(51) International classification :F03D1/00
(31) Priority Document No :US 13/963540
(32) Priority Date :09/08/2013
(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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3)URIARTE MIJANGOS, Gorka
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5)MATULEWICZ, Marek

(57) Abstract :
A system, apparatus and method for wind turbine component replacement. The method may include coupling a spreader to a wind turbine component, raising a hoist into the nacelle, raising a spool of cable into a nacelle of the wind turbine, mounting the hoist on a member of the nacelle, routing the cable from the spool of cable to the hoist, and routing the cable between at least one sheave disposed on the hoist and at least one sheave disposed on the spreader. The system may include a spreader, the spreader adapted to couple to a wind turbine component, the spreader including at least one longitudinal member, a pair of transverse members, and at least one first sheave, and a hoist, the hoist adapted to couple to a member of the nacelle, the hoist including a frame, a motor, and at least one second sheave.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2014
(21) Application No.1959/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : GENERATOR

(51) International classification :H02J7/14,
(31) Priority Document No :2013-225345
(32) Priority Date :30/10/2013
(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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8)NIIDA Kunitomi
9)ARAI Yutaro
10)KIMURA Keiichiro

(57) Abstract :
In one embodiment, a generator includes an alternating current exciter to output first, second and third alternating currents respectively having first, second and third phases, and a rotary rectifier to convert the first, second and third alternating currents into first, second and third direct currents, respectively. The generator further includes a rotating shaft on which the exciter and the rectifier are mounted, and plural conductors mounted on the shaft, and including one or more first conductors, one or more second conductors and one or more third conductors to respectively supply the first, second and third alternating currents from the exciter to the rectifier. The plural conductors include one or more conductor groups in each of which two or more conductors are collectively arranged, and each of the conductor groups includes the two or more conductors arranged to cancel a magnetic field around each conductor in the same group.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.196/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : INFORMATION PROCESSING APPARATUS

(51) International classification :G11B
(31) Priority Document No :P2011-018638
(32) Priority Date :31/01/2011
(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)KENJI TAKAGI
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6)TAKAMITSU KASAI

(57) Abstract :
An information processing apparatus includes: an information processing main unit; a display unit electrically connected to the information processing main unit; and a jack having a cylindrical sleeve provided at a housing of the information processing main unit and located coaxially with an insertion hole through which an external terminal is inserted, the jack having a cylindrical hole for accommodating the external terminal, wherein the sleeve of the jack is accommodated inside the housing of the information processing main unit; and an end face of the sleeve facing toward the housing is covered by the housing in the axial direction of the sleeve.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1442/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :30/05/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SLIDE BEARING AND ABS MOTOR HAVING THE SAME

(51) International classification :F04B53/00
(31) Priority Document No :201310239137.8
(32) Priority Date :17/06/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHENG, Haibo
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(57) Abstract :
The present invention relates to a slide bearing, wherein it comprises: an inner sleeve of the bearing; and an outer sleeve of the bearing, wherein the inner sleeve is mounted in the outer sleeve in an interference fit manner, and the inner sleeve is provided with a lubricating grease holding structure therein, which structure is opened to the inner surface of the inner sleeve. The present invention also relates to an ABS motor having said slide bearing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2014
(21) Application No.1772/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : STATOR, THREE-PHASE INDUCTION MOTOR, AND COMPRESSOR

(51) International classification :F04C18/02
(31) Priority Document No :CN201310276072.4
(32) Priority Date :02/07/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LI, Yao
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4)GUANGQIANG, Liu
5)YAN, Lin
6)ZHENYU, Wang

(57) Abstract :
The present invention provides a stator, a three-phase induction motor and a compressor. The stator is applied to a three-phase induction motor of a compressor. The stator includes: a stator iron core; a plurality of stator teeth extending inwards along a radial direction of the stator; stator slots distributed between the plurality of stator teeth; and three phases of windings wound around the stator teeth to generate a rotating magnetic field, where a coil of each phase of winding in the three phases of windings is made of a composite wire. The composite wire includes a wire core made of a first conductive metal material, and an outer layer wrapping an outer circumferential surface of the wire core and made of a second conductive metal material, wherein the first conductive metal material and the second conductive metal material have different electrical conductivities

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1914/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :09/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTIPLE SOCKET

(51) International classification :H01R13/518
(31) Priority Document No :01235/13
(32) Priority Date :10/07/2013
(33) Name of priority country :Switzerland
(86) International Application No :NA
Filing Date :NA
(87) 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 invention relates to a socket, in particular to a travel adapter, having a plug board (21) with first plug-in openings (23a, 23b) for appropriate pins of a plug of a first standard and with second plug-in openings (27a, 27b) for appropriate pins of a plug of a second 5 standard. Provided in a spacing to the plug board (21) are a first type of contact mounts for receiving plug pins of the first standard, and a second type of contact mounts for receiving plug pins of the second standard. Provided between the contact mounts and the plug board are protection elements (41, 43) which are movable out of a closed position in which the first and second plug-in openings (23a, 23b, 27a, 27b) are blocked, into an 10 open position (69, 73) in which the plug-in openings are open. The protection elements (41, 42) are pretensioned into their respective closed positions by spring elements (47, 49). The invention is distinguished by the fact that the first and second protection elements (41, 43) are pretensioned into their respective end positions in different directions of movement by the spring elements (47, 49). Furthermore, the second 15 protection element (43, 45) is arranged against or on the first protection element (41) and is movable at an angle to the direction of movement of the first protection element (41).

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(21) Application No.206/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : RECEIVING CIRCUIT, ULTRASONIC PROBE, AND ULTRASONIC IMAGE DISPLAYING APPARATUS

(51) International classification :G01K
(31) Priority Document No :13/016,783
(32) Priority Date :28/01/2011
(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)HAIDER BRUNO
3)RAO NARESH KESAVAN

(57) Abstract :
A receiving circuit in an ultrasonic probe that includes an ultrasonic transducer configured to receive ultrasonic waves is provided. The receiving unit includes an amplification unit configured to amplify an echo signal received at the ultrasonic transducer. The amplification unit includes a current output amplifier. The receiving circuit further includes a delay unit configured to provide a delay time to output signals of the amplification unit.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1261/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :30/04/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A MOBILE APPLICATION FOR IDENTIFYING AND PURCHASING GOODS AND SERVICES USING MOBLIE DEVICE IN-BUILD CAMERA

(51) International classification	:G06Q 30/00
(31) Priority Document No	:61/674,499
(32) Priority Date	:23/07/2012
(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 :**
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(57) Abstract :
In one exemplary embodiment a COlllputer-implemented method includes receiving a digital image ofIi-matrix code. Auser identifier associateci with the digital image is received. The matrix code is identifying from the digital image. The matrix code can represent a good or a service, a price of the good or the service and/or a merchant identifier selling the good or the service. A ftmd is caused to be transferred from a users acCount to a merchants account. Optionally, the digital image ofthe matrix code can be captured by a digital camera in a mobile device ofthe user. The mobile device can include 8 user-side application that communicated the digital geand the user identifier. The fund can be obtained with a users credit card number stored in a database.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1454/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :02/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : BODY COVER STRUCTURE

(51) International classification :B62J9/00
(31) Priority Document No :2013-180731
(32) Priority Date :30/08/2013
(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)HIROSHI NITTA

(57) Abstract :
A body cover structure is formed in such a manner that water adhered to a rear cover is hard to enter a step floor. [Means for solving the object] A rear cover 22 for covering a head pipe 16 and a front frame 17 is formed with an inner cover 30 and a pocket cover 31. A pocket section 32 is formed inside a second protruding section 35 located in an upper part of the pocket cover 31. The pocket cover 31 includes a first protruding section 33 recessed away from the front frame 17, first valley sections 36 formed on both sides of the first protruding section 33, and lateral sections 37 formed on left and right sides of the first valley sections 36. First ridge lines MI between the first valley section 36 and the first protruding section 33 are arranged in a truncated chevron shape when viewed from the rear, and lower end portions of the first ridge lines MI are connected to outer end portions 40a of an upwardly standing section 40 located on a front end of the step floor 14. The first valley sections 36 also are arranged in a truncated chevron shape when viewed from the rear, and lower ends of the first valley sections 36 open outwardly of the outer end portions 40a, whereby the water collected in the first valley sections 36 is drained outwardly of the vehicle from outside the step floor 14.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2192/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM FOR CONTROLLING AN OPTICAL SURFACE TO BE MEASURED

(51) International classification :G01B11/00
(31) Priority Document No :13 01855
(32) Priority Date :01/08/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JULIEN FOUREZ

(57) Abstract :
System for controlling an optical surface to be measured The invention relates to a system (10) for controlling an optical surface to be measured relatively to an optical reference surface, the control system (10) comprising a first optical element (36) provided with a first optical axis and able to introduce a first phase function into the phase of an incident beam, and a second optical element (38) provided with a second optical axis and able to introduce a second phase function into the phase of a beam transmitted through or reflected by the first optical element (36). The first phase function and the second phase function each correspond to the same optical aberration and at least one from among the first optical element (36) and the second optical element (38) is rotary around the optical axis specific to the relevant optical element (36, 38).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2193/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROLLED STRIP COILING TEMPERATURE CONTROL APPARATUS AND METHOD FOR CONTROLLING ROLLED STRIP COILING TEMPERATURE

(51) International classification	:B21B37/74
(31) Priority Document No	:2013-204341
(32) Priority Date	:30/09/2013
(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)Masahiro KAYAMA

(57) Abstract :
A rolled strip coiling temperature control apparatus 100 comprises a 5 header openlclose pattern output unit 135 configured to output a header openlclose pattern of data for instructing a plurality of cooling headers 157 to open or close, the plurality of cooling headers 157 installed along a length direction of a rolled strip 151 and between a rolling mill and a rolled strip coiling machine for coiling the rolled strip that is rolled by the rolling mill, an openlclose 10 pattern preset unit 112 configured to set the opentclose pattern for each of control sections of the rolled strip 151 into which the rolled strip 151 is partitioned in the length direction of the rolled strip 151, each of the control sections having a predetermined length in the length direction of the rolled strip 151, a coiling temperature collection unit 140 for collecting temperatures on the rolled strip 15 being coiled by the rolled strip coiling machine, and a header response delay calculation unit 131 configured to calculate a shift length in the length direction of the rolled strip 151, the shift length by which previous measured length direction coiling temperatures collected by the coiling temperature collection unit of the rolled strip previously rolled shift from target length direction coiling 20 temperatures that is set in advance for the rolled strip 151 and a header response delay time based on the shift length and a rolled strip running speed, wherein the header openlclose pattern output unit 135 outputs the header openlclose pattern to the plurality of cooling headers 157 at a time the calculated header response delay time before the control section of the rolled strip 151 that is associated with 25 the header openlclose pattern to be output arrives at a position where the cooling header to which the header openlclose pattern is output is installed.

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1626/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :16/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ATTACHMENT STRUCTURE OF ENGINE MOUNT BRACKET

(51) International classification :F02B67/06
(31) Priority Document No :2013-138190
(32) Priority Date :01/07/2013
(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)USUDA, Yoshitaka
2)MOCHIZUKI, Shinei

(57) Abstract :
To secure joining rigidity between a side member and an engine mount bracket, spread a load of an engine mount over the entire side member in the up-down direction of the vehicle, and effectively suppress vibration that occurs in the side member. [Solution] An attachment structure of an engine mount bracket 8 is provided with an apron side member 2 extending in the front-back direction of the vehicle and having an upper wall surface 2a and an inner sidewall surface 2b, attached from the upper wall surface 2a to the inner sidewall surface 2b of the apron side member 2, and including tightening points B1 and B2 for an engine mount 7 on an upper surface 8a and a side surface 8b. The engine mount bracket 8 is provided from an upper portion to a lower portion of the inner sidewall surface 2b of the apron side member 2. Joining points Wb with the inner sidewall surface 2b of the apron side member 2 on the side surface 8b of the engine mount bracket 8 are arranged in two rows in the up-down direction of the vehicle while being spaced apart in the front-back direction of the vehicle and are arranged such that the space in the front-back direction of the vehicle between the joining points Wb is narrowed from the upper side toward the lower side.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1765/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :30/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FILTER DEVICE HAVING A VALVE AND AN ACTUATING DEVICE

(51) International classification :B01D35/147
(31) Priority Document No :10 2013 216 840.3
(32) Priority Date :23/08/2013
(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

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1)KROECKEL, Katrin
2)KAISER, Thomas
3)BENITEZ, Cesar Garcia
4)RAMOS, Marina Camacho

(57) Abstract :
In a filter device (10) for filtering a fluid, in particular, a motor vehicle, having a filter housing (12) and a filter element (18) which is to be coupled to a fluid-conducting connection (24) of the filter housing (12), wherein the connection (24) is at least partially closable by means of a valve (34), which has a valve body (36) closing the valve opening (32) of the valve (34), which is moved into an open position by an actuating device (38) of the filter element (18), according to the invention the actuating device (38) having at least two actuating elements (56), of which the valve body (36) is to be moved simultaneously.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2014
(21) Application No.1766/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRIC WIPER DRIVER AND OUTPUT GEAR ASSEMBLY THEREOF

(51) International classification :B60S1/08
(31) Priority Document No :201320509241.X
(32) Priority Date :20/08/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOESTERS, Matthias
3)JIA, Xinpo

(57) Abstract :
An electric wiper driver and an output gear assembly thereof are disclosed, the output gear assembly comprising an output gear which forms an output end of a speed reduction mechanism of the electric wiper drive, and a pin subassembly which is formed separately from the output gear and then assembled to the output gear by a fixing structure, wherein the pin subassembly comprises a base portion and a snow clutch pin formed integrally on the base portion. According to the disclosure, manufacturing cost of wiper systems can be reduced.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2195/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : TERMINAL BLOCK ASSEMBLY

(51) International classification :H01R9/24
(31) Priority Document No :102128390
(32) Priority Date :07/08/2013
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHEN Wei-Chi
3)LIU Shih-Chung

(57) Abstract :
A terminal block assembly includes a terminal block and lever member and is less structurally complicated and less likely to deform as compared to the existing terminal block products. The terminal block has a main body and a chamber defined by the main body. The chamber is provided with a metal spring piece, which, in response to movements of the lever member, crimps a leading wire to form electrical connection or release the leading wire. The chamber is also provided with a buckle that performs reciprocating movements and is biased by a spring to normally engage with the lever member. When receiving an operating force, the buckle disengages with the lever member so that the lever member is allowed to move. The terminal block assembly advantageously provides easy and effort-saving operation.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1712/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :26/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AGRICULTURAL HARVESTER ALERT SYSTEM AND METHOD

(51) International classification :A01B69/00
(31) Priority Document No :61/840,258
(32) Priority Date :27/06/2013
(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)Tulugu Venugopala Rao

(57) Abstract :
An agricultural harvester including a chassis, a harvested product storage bin and a cab each supported by the chassis and a harvested product overflow arrangement. The harvested product overflow arrangement is coupled to the harvested product storage bin. The harvested product overflow arrangement being configured to direct some of the harvested product against a portion of the cab when the harvested product storage bin is full or nearly full.

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.200/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF LINEZOLID

(51) International classification	:C07C	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)JUBILANT LIFE SCIENCES LIMITED**
(32) Priority Date	:NA	Address of Applicant :PLOT 1A, SECTOR 16 A, NOIDA - 201 301, UP, INDIA
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
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(87) International Publication No	:NA	**2)PANDA, ATULYA KUMAR**
(61) Patent of Addition to Application Number	:NA	**3)GUPTA, ASHISH KUMAR**
Filing Date	:NA	**4)SINGH, SHISHUPAL**
(62) Divisional to Application Number	:NA	**5)TIWARI, PRAVEEN**
Filing Date	:NA	**6)VIR, DHARAM**

(57) Abstract :
The invention relates to a substantially pure linezolid hydroxide having R-isomer content more than about 99.9% relative to its S-isomer. Further aspect of invention provides the ambient moisture condition, which is critical for enantiomeric pure linezolid hydroxide. The obtained substantially enantiomerically pure linezolid hydroxide compound of formula-II can be subsequently converted into the linezolid compound of formula-!, having S-isomer content more than 99.9% relative to R-isomer.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2204/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : MODULAR ELECTRICAL APPARATUS COMPRISING COUPLING ELEMENTS FOR COUPLING SAID APPARATUS TO A FURTHER MODULAR ELECTRICAL APPARATUS

(51) International classification :H01H71/02
(31) Priority Document No :RM2013A000495
(32) Priority Date :06/09/2013
(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

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3)ANDREA CIROLINI
4)SERGIO PERONI

(57) Abstract :
A modular electrical apparatus (10; 100) is described, comprising coupling elements (17, 18; 117, 118) for coupling said apparatus (10; 100) to a further modular electrical apparatus (31) such that said apparatuses (10; 100; 31), once they are coupled together, have two respective juxtaposed side walls (12, 34). The modular electrical apparatus (10; 100) comprises a generally box-shaped apparatus body (11) including a first coupling side wall (12) and a second side wall (13) opposite said first side wall (12). The coupling elements (17, 18; 117, 118) comprise at least one elastically flexible coupling tooth (17; 117) projecting from said first side wall (12), the coupling tooth (17; 117) being suitable to selectively take a coupling configuration, wherein said tooth (17; 117) is elastically uncharged, and an uncoupling configuration, wherein said tooth is deflected and elastically charged with respect to the coupling configuration. The modular electrical apparatus (10; 100) being characterized in that it comprises holding elements (21, 22; 121, 122) suitable to releasably hold said coupling tooth (17; 117) in the uncoupling configuration.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2014
(21) Application No.2205/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR ESTIMATION OF PROPELLANT TRANSFER IN AN ION PROPULSION SYSTEM

(51) International classification :G01F22/02
(31) Priority Document No :14/051,123
(32) Priority Date :10/10/2013
(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)LLOYD C. KWOK

(57) Abstract :
Methods and systems for estimating propellant transfer in an ion propulsion system are disclosed. One example is a method for estimating transfer of a propellant between a first tank and a second tank in an ion propulsion system during a transfer event. The first tank and the second tank are separated by a valve. A flow rate of the propellant through the valve is calculated based on an initial pressure and an initial temperature of each of the first tank and the second tank for a beginning of the transfer event, calculating, based at least in part on the flow rate, a mass of propellant transferred through the latch over a period of time ending at an intermediate time before an end of the transfer event, and determining an intermediate pressure and temperature for each of the first tank and the second tank for the intermediate time.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1491/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : COSMETIC COMPOSITION CONTAINING FERMENTED GINSENG BERRY PLEUROTUS FERULAE PRODUCT

(51) International classification	:A61Q19/02
(31) Priority Document No	:10-2013-0120984
(32) Priority Date	:11/10/2013
(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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2)HONG, Il
3)LEE, Do Gyeong
4)PARK, Sung Min
5)LEE, Jung No
6)LEE, Nu Rim

(57) Abstract :
Disclosed are a fermented ginseng berry Pleurotus ferulae product and a cosmetic composition containing the same. The fermented ginseng berry Pleurotus ferulae product is useful for anti-oxidation, anti-inflammation, collagen synthesis facilitation, skin wrinkle care, whitening, moisturizing, skin barrier improvement and atopy alleviation.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1775/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : BRAKE LOAD ALLEVIATION FUNCTIONS

(51) International classification :B64C3/58
(31) Priority Document No :14/038,504
(32) Priority Date :26/09/2013
(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)BRUCE LAM
3)DAVID T. YAMAMOTO
4)THOMAS TODD GRIFFITH

(57) Abstract :
A system, method, and apparatus for brake load alleviation amongst at least one first brake and at least one second brake is disclosed. The method involves sensing an amount of brake pedal application in response to engagement of at least brake pedal. The method further involves determining whether the amount of brake pedal application is greater than a brake pedal application threshold value. Also, the method involves generating a brake application profile, when it is determined that the amount of brake pedal application is greater than the brake pedal application threshold value. The brake application profile indicates that actuation of at least one first brake is delayed by a first time delay, and that actuation of at least one second brake is delayed by a second time delay. Further, the method involves actuating at least one first brake and at least one second brake according to the brake application profile.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1776/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : GLASS BASE MATERIAL ELONGATING METHOD

(51) International classification :C03B37/15
(31) Priority Document No :2013-138591
(32) Priority Date :02/07/2013
(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)Hideki FUJII

(57) Abstract :
To manufacture glass base material with high manufacturing yield, provided is a glass base material elongating method comprising forming a tapered portion where the outer diameter of the glass base material changes continuously, holding the glass base material with chucks, heating the glass base material held by chucks with a heat source, and with a portion of the glass base material softened, increasing the distance between the chucks to elongate the glass base material. The elongation begins from a state in which a position of the heat source at a position at which the outer diameter of the glass base material is set in a range from no less than 95% to no more than 98% of an average outer diameter of the trunk portion of the glass base material.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2014
(21) Application No.1926/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SEALING MEMBER AND SOLAR CELL INCLUDING THE SAME

(51) International classification :H01L31/18
(31) Priority Document No :61/847,965
(32) Priority Date :18/07/2013
(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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3)KANG, Yoon-Mook
4)CHOI, Yong-Mo
5)LEE, Seung-Hee
6)LEE, Jae-Hoon
7)BAEK, Do-Hyun
8)IM, Jong-San
9)SON, Jeong-Ho
10)CHOI, Sun-Dong
11)HYEON, Soon-Pil
12)KIM, Bum-Rae

(57) Abstract :
A sealing member according to an exemplary embodiment of the present invention includes a first plate having a predetermined width with a plate shape, and a second plate with a plate shape connected to both ends of the first plate, wherein the first plate and the second plate have the same plate shape and form a closed line.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2210/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :05/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENGINE DRIVE WORK MACHINE

(51) International classification	:B60K17/356
(31) Priority Document No	:2013-163949,
(32) Priority Date	:07/08/2013
(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)KAKU OKABE

(57) Abstract :
An online drive woik machine (lO) inehides a water generating device (20) for evaporating raw wnlr (29) using waste heat of an engine (12), and condensing the 5 evaporated watfsr vapor to (jenevaLe pure water (69). The water generating device (20) inclndes an evaporator (fi) for fivoporating the raw water (29) using waste lieat of exhaust gas dii-ected into a heating pnvt (53). Tlie heating part (53) includes a gas intake part (6B) for takinp; in exhnnftf, gas fvom an exhaust pipe (27), and a gas discharge part (B7) for disehaipin exhaust gas taken in from tlie gas intake part ((iO) 10 to the exterior (68) of the evapovatoi (35). A heating body (65) is inclLtied at a downward slope from the jas intake pirt (66) toward tlie gas discharge part (67), (Fijv. 7)

No. of Pages : 85 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1461/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :02/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : I-V CHARACTERISTIC MEASURING APPARATUS AND I-V CHARACTERISTIC MEASURING METHOD FOR SOLAR CELL, AND RECORDING MEDIUM RECORDED WITH PROGRAM FOR I-V CHARACTERISTIC MEASURING APPARATUS

(51) International classification	:G01R31/26	(71)**Name of Applicant :**
(31) Priority Document No	:2013-116826	**1)National Institute of Advanced Industrial Science and Technology**
(32) Priority Date	:03/06/2013	Address of Applicant :3-1,Kasumigaseki 1-chome,Chiyoda-ku,Tokyo 100-8921 Japan
(33) Name of priority country	:Japan	**2)KYOSHIN ELECTRIC CO., LTD.**
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)HISHIKAWA, Yoshihiro**
(87) International Publication No	: NA	**2)SHIMURA, Haruya**
(61) Patent of Addition to Application Number	:NA	**3)KAMATANI, Kohei**
Filing Date	:NA	**4)KONDO, Hajime**
(62) Divisional to Application Number	:NA	**5)SHIMONO, Akio**
Filing Date	:NA	

(57) Abstract :
To provide an I-V characteristic measuring apparatus (100) that can, even though a solar simulator (1) of a flash light type is used, accurately measure a true I-V characteristic of a solar cell (SC) that exhibits a different I-V characteristic depending on a sweep direction when a sweep time of applied voltage is short, an internal division ratio calculation part that, at each voltage value, calculates an internal division ratio at which a current value of a dark state stationary I-V characteristic internally divides a gap between a current value of a dark state forward I-V characteristic (DIV) and a current value of a dark state reverse I-V characteristic (DVI); and a light state stationary I-V characteristic (PST) estimation and calculation part that, on the basis of the internal division ratio, a light state forward I-V characteristic (PIV), and a light state reverse I-V characteristic (PVI), estimates and calculates a light state stationary I-V characteristic (PST) are provided.

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.223/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : ZOOM LENS, OPTICAL APPARATUS AND METHOD FOR MANUFACTURING ZOOM LENS

(51) International classification	:G01L	(71)**Name of Applicant :**
(31) Priority Document No	:2011-013780	**1)NIKON CORPORATION** Address of Applicant :12-1, YURAKUCHO 1-CHOME CHIYODA-KU, TOKYO 100-8331 JAPAN
(32) Priority Date	:26/01/2011	
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)SHIMADA, TOSHIYUKI**
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A zoom lens ZL having, in order from an object: a first lens group 61 having negative refractive power; a second lens group 62 having positive refractive power; and a third lens group 63 having positive refractive power, wherein, upon zooming from the wide-angle end state to the telephoto end state, at least the first lens group 61 and the second lens group 62 move along the optical axis so that the distance between the first lens group 61 and the second lens group 62 decreases, and the distance between the second lens group 62 and the third lens group 63 increases, the lens closest to the object in the second lens group 62 is a positive lens, and the object side lens surface of this positive lens is an aspherical surface of which radius of curvature increases in a direction from the optical axis to the periphery of the lens.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2231/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :06/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : WEIGHING CELL WITH A DEVICE FOR CORRECTING ECCENTIRC LOADING ERRORS AND A METHOD FOR CORRECTING ECCENTRIC LOADING ERRORS

(51) International classification :G01G19/414
(31) Priority Document No :13188141.9
(32) Priority Date :10/10/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)Mettler-Toledo AG
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(72)**Name of Inventor :**
1)BURKHARD Hans-Rudolf

(57) Abstract :
A weighing cell (1) contains a parallel guiding mechanismparallel guiding mechanism, which comprises a movable parallelogram leg (5) connected to a weighing load receiver (3) and to a test load receiver (4) and a stationary parallelogram leg (7) connected to a supporting basic structure (6) of the weighing cell (1) as well as at least two guiding memberparallel-guiding member ((8, 9). The weighing cell further contains a test weight actuating device (14), by means of which at least one test weight (1 5) can be positioned successively at at least three test weight support points (1 6, 17, 18, 19, 20) of the test load receiver (4) not lying in a straight line, and a processor unit (21) with the functions of controlling the positioning of the at least one test weight (1 5) on the test weight support points (16, 17, 18, 19, 20) by means of a control signal (SI) and of subsequently receiving in each case a test weighing signal (T) associated with the test weight support point (1 6, 17, 18, 19, 20) concerned and of ascertaining eccentric loading errors of the weighing cell (1) on the basis of the test weighing signals (T). The weighing cell (1) is provided with a device for correcting the eccentric loading errors, said device comprising at least a first and a second motor-operated actuating unit (22, 23) controlled by control signals (S2) of the processor unit (21), by means of which a geometrical-mechanical change in the parallel guiding mechanismparallel guiding mechanism assigned to the actuating unit (22, 23) concerned can be generated in each case, as a result of which an eccentric loading error component assigned to this change and thus to this actuating unit (22, 23) can be corrected or at least reduced.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1773/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : STATOR, MOTOR AND COMPRESSOR

(51) International classification :F04C18/02
(31) Priority Document No :CN201310275900.2
(32) Priority Date :02/07/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANZHEN, Liu
2)LI, Yao
3)YAN, Lin
4)GUANGQIANG, Liu
5)ZHENYU, Wang
6)WEIPING, Tang

(57) Abstract :
A stator, a motor and a compressor are provided. A stator applied to a motor includes: a stator iron core; a plurality of stator teeth extending inwards along a radial direction of the stator; stator slots distributed between the plurality of stator teeth; and a winding wound around the stator teeth to generate a rotating magnetic field, where at least one phase of winding or a coil forming the at least one phase of winding is formed by different wires, and the different wires are connected in a serial or serial-parallel manner to form the coil or the least one phase winding.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1992/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :15/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND PROGRAM FOR CONTROLLING INVENTORY

(51) International classification :G06Q10/00
(31) Priority Document No :2013-183572
(32) Priority Date :05/09/2013
(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 :**
1)HITACHI, LTD.
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(72)**Name of Inventor :**
1)SATO Tomoya
2)SAKUMA Fumihiro
3)YAMAMOTO Keisuke

(57) Abstract :
A method for controlling inventory, including a storage unit (201) which stores information for uniquely identifying order information, information showing bill collation processing and warehousing processing, history information on order information including a quantity of ordered articles, and unit price information and stock information on the ordered articles, wherein a quantity of goods in transit is calculated on the basis of the history information on the order information, a stock amount of the goods in transit is calculated by using the calculated quantity and unit price information on the goods in transit, and the calculated quantity of the goods in transit and the stock amount of the goods in transit are registered as temporary dummy stock information together with a stock processing day into the storage unit(201).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2274/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :08/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUEL CONSUMPTION CALCULATION UNIT, FUEL CONSUMPTION CALCULATION PROGRAM, FUEL CONSUMPTION MEASURING APPARATUS, AND EXHAUST GAS MEASURING APPARATUS

(51) International classification	:G01N33/00
(31) Priority Document No	:2013-167426
(32) Priority Date	:12/08/2013
(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)AKITA, Masanobu
2)NAKAMURA, Hiroshi
3)ASANO, Ichiro
4)ADACHI, Masayuki

(57) Abstract :
The present invention is intended to, at the time of directly measuring a flow rate of exhaust gas flowing through an exhaust gas flow path(R) and an air-fuel ratio of the exhaust gas, and on the basis of the flow rate and air-fuel ratio of the exhaust gas, calculating fuel consumption, reduce a measurement error of the fuel consumption. Also, the invention is a fuel consumption calculation unit(4) that, with use of an exhaust gas flow rate obtained by a flow rate sensor(2) provided in an exhaust gas flow path(R) through which exhaust gas of an engine(E) flows, and an air-fuel ratio obtained by an air-fuel ratio sensor(3) provided in the exhaust gas flow path(R), calculates fuel consumption of the engine, and on the basis of the air-fuel ratio obtained by the air-fuel ratio sensor(3), changes a value of exhaust gas density used for the calculation of the fuel consumption.

No. of Pages : 68 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2275/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :08/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD FOR MANAGING THE CIRCULATION OF VEHICLES OVER A RAILWAY NETWORK; ASSOCIATED CENTRAL CONTROLLER AND SYSTEM

(51) International classification :B61L25/04
(31) Priority Document No :13 57919
(32) Priority Date :09/08/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TRANSPORT TECHNOLOGIES
Address of Applicant :3 av Andre' Malraux 92300 Levallois-Perret, France
(72)**Name of Inventor :**
1)FOURNIER, Denis
2)LAFAY, Antoine

(57) Abstract :
This method for managing the circulation of vehicles over a railway network (10) subdivided into resources (1-6), each resource having an allocation state and an interlocking state, and driven by a ground controller (11) connected to a communication infrastructure (30), consists, in order to allow the circulation of a non-equipped vehicle (22) not equipped with an on board controller capable of managing the allocating and interlocking of resources required for the movement of the vehicle directly from ground controllers (11), of emulating, at the level of a central controller (42), on the ground, connected to the communication infrastructure (30), a controller (24) which would be on board the non-equipped vehicle (22), the central controller (42) estimating a current position of the non-equipped vehicle (22) based on the signals transmitted by a plurality of reading devices (15) placed along the tracks of the railway network (10) and connected to the communication infrastructure (30).

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1252/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :29/04/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : HYDRAULIC BLOCK FOR A SLIP-CONTROLLED VEHICLE BRAKE SYSTEM

(51) International classification :B60T 8/00
(31) Priority Document No :102012208080.5
(32) Priority Date :15/05/2012
(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)Robert Bosch GmbH
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(72)**Name of Inventor :**
1)WEH, ANDREAS

(57) Abstract :
The present subject matter relates to a flat rectangular hydraulic block (I) for the mechanical fastening and the hydraulic connection of solenoid valves, pump elements, etc., of a slip-controlled vehicle brake system. The present subject matter proposes to connect connections (14) of installation spaces (8) of the pump elements to terminals (5) for a master brake cylinder and connections (11) of a receptacle (9) for pressure build up valve, which runs on each other, to longitudinal sides (6) of the hydraulic block (l) and small blind holes (15). Thus, the receptacle (9) ofthe pressure build up valve is connected to the terminals (5) for the master brake cylinder. The chambers (12) dampen the pressure pulsation ofthe pump elements of a piston pump.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1446/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :31/05/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AIR CLEANER STRUCTURE OF MOTORCYCLE

(51) International classification :F02M35/02
(31) Priority Document No :2013-119846
(32) Priority Date :06/06/2013
(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)KAWATA, Koichiro

(57) Abstract :
A part of an air cleaner main body overlapped with vehicle body frames in a side view has a shape in which an upper surface portion of the part is narrower than a bottom surface portion of the part. The air cleaner main body is formed to have approximately uniform gaps along inner surfaces of the vehicle body frames, and the air cleaner main body is inserted from a position below the vehicle body frames and is fixed to the vehicle body frames before mounting an engine.

No. of Pages : 31 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2014
(21) Application No.2211/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HYDROSTATIC ENERGY RECOVERY SYSTEM AND METHOD

(51) International classification :F03B11/00
(31) Priority Document No :61/866,207
(32) Priority Date :15/08/2013
(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 :**
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(72)**Name of Inventor :**
1)Luongo, John W.
2)Wason, Jr., Charles P.
3)DeAngelis, Matthew M.

(57) Abstract :
A system and method for converting pressure differentials to electricity is disclosed. Initially, a first chamber is empty and a second chamber holds compressed air/fluid. When the device is disposed in the large bodies of water, due to pressure difference inside the first chamber and the ambient pressure, water fills the first chamber. As the water passes through the first chamber, it turns the turbine or creates pressure difference in transducer to produce electricity. The device descends itself in the deeper water column due to added water in first chamber. When the device obtains equilibrium, the compressed air/fluid from second chamber is allowed to flow to the first chamber to evacuate the filled water. The evacuating water again turns the turbine or creates pressure difference in transducer to produce electricity. After evacuation of water, the device will ascend itself to a shallower depth and the process repeats.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2014
(21) Application No.29/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SECONDARY CONTROLLER FOR USE IN SYNCHRONOUS FLYBACK CONVERTER

(51) International classification :H02M3/335
(31) Priority Document No :13/746,776
(32) Priority Date :22/01/2013
(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 :**
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(72)**Name of Inventor :**
1)SHENG LIU
2)ALEX B. DJENGUERIAN

(57) Abstract :
A secondary controller for use in a synchronous flyback converter includes a comparator, a drive circuit, and logic circuitry. The comparator is coupled to generate a compare signal in response to a comparison of a threshold to an input signal representative of a secondary winding voltage of the synchronous flyback converter. The drive circuit is coupled to generate a drive signal to control a first switch to be coupled to a primary side of the synchronous flyback 10 converter. The drive signal is coupled to be generated by the drive circuit in response to a feedback signal representative of an output of the synchronous flyback converter. The logic circuitry is coupled to the drive circuit and coupled to the comparator. The logic circuitry is also coupled to generate a control signal to control a second switch in response to the drive signal and in response to the compare signal.

No. of Pages : 39 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1609/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN IMPLEMENTATION METHOD OF A MULTIFUNCTIONAL MCU AND SUCH MULTIFUNCTIONAL MCU

(51) International classification :H04L9/08
(31) Priority Document No :201310248294.5
(32) Priority Date :20/06/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GOLDEN VAST MACAO COMMERICAL OFFSHORE LIMITED
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(72)**Name of Inventor :**
1)WONG KWOKFONG

(57) Abstract :
The invention provides an implementation method of a multifunctional MCU and such multifunctional MCU, and relates to the field of electronic technology. The method comprises steps of: acquiring a function operation instruction input by a user; and scanning a fingerprint of the user and performing identity authentication on the user according to the fingerprint, if an operation corresponding to the function operation instruction is authentication; storing data information into a preset storage space, if an operation corresponding to the function operation instruction is data information storage; charging a preset device, if an operation corresponding to the function operation instruction is charging. The multifunctional MCU comprises an acquisition module, an authentication module, a storing module and a charging module. By means of acquiring a function operation instruction in the invention, multiple functions can be achieved according to an operation corresponding to the function operation instruction, such as authentication, data storage and charging. This is very convenient for a user.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1683/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :24/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FEMALE QUICK COUPLING ELEMENT AND QUICK COUPLING INCLUDING SUCH AN ELEMENT

(51) International classification :E03B1/00
(31) Priority Document No :1356290
(32) Priority Date :28/06/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ALAIN-CHRISTOPHE TIBERGHIEN
2)CHRISTOPHE DURIEUX
3)FREDERIC MOREL

(57) Abstract :
This female quick coupling (2) element (10) is intended to cooperate, by press fitting (F1) along a press fitting axis (X10-X20), with a male element (20). It comprises a body (102) centred on a longitudinal axis (X10) of the passage of fluid and comprising a flat front face (108), a relief valve (120) comprising a valve (110) housed in the duct for the passage of fluid and mobile along the longitudinal axis, a manoeuvring ring (130) mounted slidingly around the body and defining, at its distal end (134), a mouth (E10) for receiving the male element. The manoeuvring ring is provided with at least one relief (136) of engagement with a corresponding relief (226) of the male element. The female coupling element further comprises a safety ring (150) mounted around the body (102), radially inside the manoeuvring ring (130), mobile axially in relation to the body (102) between a first position and a second position. The female element further comprises means (170, 158) for transforming, when the safety ring (150) is in its second position, a movement of rotation of the manoeuvring ring, about the longitudinal axis (X10) and in relation to the safety ring (150), into a movement of axial translation of the body (102) in relation to the manoeuvring ring (130).

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2014
(21) Application No.1971/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTIPLE CONNECTOR

(51) International classification :H01R12/72
(31) Priority Document No :102013108113.4
(32) Priority Date :30/07/2013
(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 :**
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Address of Applicant :Rixbecker Strasse 75, 59552 Lippstadt, Germany,
(72)**Name of Inventor :**
1)KARL-HEINZ SUMMA

(57) Abstract :
The invention relates to a multiple connector, in particular, for connecting to a printed circuit board, with a base plate with essentially surrounding walls that project from the base plate and form a connector skirt, wherein there are electrical connecting tabs that project through the base plate and pass through the base plate in the interior of a connector skirt, wherein between at least two adjacent connector skirts, the base plate is interrupted by a contour projecting out from the plane of the base plate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.3065/DEL/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR WLAN CONNECTION CONTROL

(51) International classification	:H04W 12/00
(31) Priority Document No	:1218641.7
(32) Priority Date	:16/10/2012
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) 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)ROKE MANOR RESEARCH LIMITED
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(72)**Name of Inventor :**
1)TONER, BEN

(57) Abstract :
Embodiments of the invention proxy control the establishment or continued existence of a WLAN connection by using the back end authentication mechanism to authenticate/de-authenticate a WLAN session in dependence on the experienced quality of the connection during the set-up phase or session itself. This has the effect of preventing a bad quality connection from being established or from continuing, and hence should improve the user experience, and help a WLAN network operator maintain a service with high Quality of Service (QoS).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1597/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :12/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HANDS-FREE USER INTERFACE FOR SECURITY SYSTEMS

(51) International classification :G06F3/01
(31) Priority Document No :13/921,683
(32) Priority Date :19/06/2013
(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 :**
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(72)**Name of Inventor :**
1)ROBERT JOHN PROBIN
2)THOMAS PAUL SCHMIT

(57) Abstract :
A monitoring, control and guidance system can be equipped with portable, hands-free interfaces. Personnel in a region being monitored can wear or carry such interfaces so as to be able to interact with monitoring system control elements scattered throughout the region. A user can be guided from point-to-point in the region as needed. Alternately, the user can request a map of some or all of the region as well as conditions therein. That map can then be presented on the user™s interface unit.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1664/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :20/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUEL TANK STRUCTURE OF MOTORCYCLE

(51) International classification	:B62J35/00
(31) Priority Document No	:2013-156712
(32) Priority Date	:29/07/2013
(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)MATSUDA Yuki

(57) Abstract :
A fuel tank of a motorcycle in which a leg space is provided between a head pipe of a vehicle body frame and a seat disposed at a vehicle rear portion, and the fuel tank is arranged below the seat, in which the vehicle body frame includes a pair of right and left seat rail tubes that support the seat and the fuel tank, and the seat rail tubes include a cushion support section that supports an upper end of a rear cushion unit below a rear portion of the seat. Each of seat rail tubes is provided with a front inclining tube portion extending in a diagonally upward rear direction from a vehicle lower portion below a front portion of the seat toward the cushion support section and provided with a rear horizontal tube portion continuous from the front inclining tube portion and bent so as to extend substantially horizontally backward. The fuel tank is positioned between the seat rail tubes such that a lower portion of the fuel tank overlaps with the seat rail tubes in a side view and is provided with a bulging portion that bulges outward so as to vertically overlap with the seat rail tubes in an upper portion of the fuel tank arranged above the seat rail tubes in the side view.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2014
(21) Application No.2233/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MONO AND TRIHYDRATE COMPOUNDS OF ZILPATEROL HYDROCHLORIDE

(51) International classification :C07D487/06
(31) Priority Document No :9506966
(32) Priority Date :13/06/1995
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1204/DEL/1996
Filed on :03/06/1996

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YVES CHEVREMONT
2)JEAN-YVES GODARD

(57) Abstract :
The subject of the invention is anhydrous zilpaterol hydrochloride in crystallized form, characterized in that it contains less than 5% of crystals of a size of less than 15 microns, the rest of the crystals having a size of less than 250 microns. The product obtained is used as a food additive to encourage weight gain in breeding animals.

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2015
(21) Application No.331/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTIPLE STATE ELECTROACTIVE OPHTHALMIC DEVICE

(51) International classification :G02C7/04,G02C7/08,G02B3/14
(31) Priority Document No :61/666160
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2013/048200
Filing Date :27/06/2013
(87) International Publication No :WO 2014/004839
(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)OTTS Daniel B.
2)PUGH Randall B.
3)RIALL James
4)FLITSCH Frederick A.
5)NA

(57) Abstract :
A variable focus ophthalmic device is described. The device comprises a front curve optical portion of the variable focus ophthalmic device comprising a front curve top optical surface and a front curve bottom optical surface and a back curve optical portion of the variable focus ophthalmic device comprising a back curve top optical surface and a back curve bottom optical surface. A cavity is formed by the front curve bottom optical surface of the front curve optical portion of the variable ophthalmic device and the back curve top optical surface of the back curve portion of the variable focus ophthalmic device. A fluid with a first index of refraction and a dielectric film is in contact with at least a portion of the fluid with a first index of refraction and overlaying an electrode capable of establishing an electric field. A gas with a second index of refraction is provided wherein the first index of refraction and the second index of refraction are different. One or more reservoir regions operable to change its volume for containment of a volume less than or equal to the volume of said fluid are provided and wherein the reservoir is in fluid connection with said formed cavity.

No. of Pages : 50 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1975/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :14/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELEVATOR GROUP MANAGEMENT CONTROL APPARATUS AND ELEVATOR GROUP MANAGEMENT CONTROL METHOD

(51) International classification :B66B1/18
(31) Priority Document No :2013-151018
(32) Priority Date :19/07/2013
(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)TANAKA Toshiaki
2)SAKAMAKI Yoshiyuki
3)YAMADA Hisashi
4)SUGIHARA Toshio

(57) Abstract :
An apparatus for managing an elevator group of multiple cars includes an aggregation unit, a setting unit, an adjustment unit, and a management unit. The aggregation unit is configured to aggregate an actual response time value that 10 is an actual value of a response time corresponding to a time from when a hall call is registered to when the car responds to the hall call. The setting unit is configured to set a target response time value that is a target value of the response time. The adjustment unit is configured to adjust 15 an energy-saving level representing the degree of energy saving that affects the actual response time value so that the actual response time value converges to the target response time value. The management unit is configured to create based on the energy-saving level a car mask for 20 limiting a car able to respond to a call.

No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1976/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :14/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VARIABLE SPEED FLUID COOLING FILTER ARRANGEMENT

(51) International classification :H05K7/20
(31) Priority Document No :102013216627.3
(32) Priority Date :22/08/2013
(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 :**
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(72)**Name of Inventor :**
1)SCHNURR, Bernd
2)DOERTOLUK, Ibrahim

(57) Abstract :
The present subject matter relates to a fluid cooling filter arrangement (100) comprising a fluid pump (103) driven by a pump motor (103) for pumping a fluid through a fluid filter (106), and a fluid cooler (112) for cooling the fluid, wherein the pump motor (103) is provided with a pump-converter (103), which is adapted to control a rotational speed of the pump motor (103) depending on a pump actuating variable.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.219/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR ROBUST MAN-DOWN ALARMS

(51) International classification :G11B
(31) Priority Document No :13/015,327
(32) Priority Date :27/01/2011
(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)STEPHEN DAVID WORTHINGTON
2)JERRY WAYNE EVANS
3)PATRICK GERARD HOGAN

(57) Abstract :
A system including at least one detector and a central station in two-way communication with the detector is provided. The detector can include an ambient condition sensing element, a motion sensor, control circuitry, and two-way communications hardware. The control circuitry can determine an alarm event based on a first signal received from the ambient condition sensing element and can transmit an alarm signal to the communications hardware during the alarm event. The control circuitry can also determine a man-down event based on a second signal received from the motion sensor and transmit a man-down alarm signal to the communications hardware during the man-down event. The two-way communications hardware can transmit at least one of the gas alarm signal and the man-down alarm signal to a remote location, and the two-way communications hardware can receive a status inquiry from the remote location.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2014
(21) Application No.28/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : RECEIVE CIRCUIT FOR USE IN A POWER CONVERTER

(51) International classification :H03G, G01K
(31) Priority Document No :13/747,071
(32) Priority Date :22/01/2013
(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)POWER INTEGRATIONS, INC.
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(72)**Name of Inventor :**
1)ALEX B. DJENGUERIAN
2)SHENG LIU
3)LEIF LUND

(57) Abstract :
A receive circuit for use in a power converter controller includes a first amplifier coupled to receive an input pulse. A second amplifier is coupled to a first output of the first amplifier The first output is coupled to be responsive to the input pulse and to a second output of the second amplifier. An output circuit is coupled to generate an output signal in response to the second output.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3376/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :01/11/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONFIGURABLE CONSTRUCTION ELEMENT FOR A BUILDING COMPRISING SEVERAL ROOMS WITH BATHROOM

(51) International classification :E04B
(31) Priority Document No :1159894
(32) Priority Date :02/11/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KHODARA PHILIPPE ALBERT
2)VIDAL OLIVIER

(57) Abstract :
The present invention relates to a configurable construction element (6) for a building comprising several rooms with a bathroom such as a hotel hospital or residence characterized in that said configurable construction element (6) is made up of a monolithic structure comprising a floor (62) a ceiling (63) a vertical wall (61) in the form of or having at least two faces designed to be oriented toward the inside of the room a vertical service shaft (64) passing through the floor (62) and the ceiling (63) and housing the water electricity communication multimedia and wastewater discharge ducts (66) and a face (8) provided with a glazing and/or windows and/or doors closes said configurable element.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1762/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :30/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWER CONVERSION APPARATUS

(51) International classification :H02M3/335
(31) Priority Document No :2013-137780
(32) Priority Date :01/07/2013
(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)MASUDA Toru
2)HATANAKA Ayumu
3)MORI Kazuhisa
4)ISHIKAWA Katsumi

(57) Abstract :
A power conversion apparatus is provided which is configured by connecting a smoothing capacitor circuit, a first series circuit comprised of switching elements and 5 a second series circuit comprised of snubber circuits in parallel with a DC power supply, and connecting between a connecting point of the switching elements of the first series circuit and a connecting point of the snubber circuits of the second series 10 circuit. A compensation-impedance circuit configured by connecting a second capacitor in series with a parallel circuit of a first capacitor and a reactance is connected in parallel with the DC power supply.

No. of Pages : 61 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(21) Application No.205/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS AND APPARATUS FOR ACCOUNTING AT HOME AGENT (HA) / LOCAL MOBILITY AGENT (LMA) FOR CDMA2000 SYSTEMS

(51) International classification :H04N
(31) Priority Document No :61/436,159
(32) Priority Date :25/01/2011
(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)BHALLA RAJESH

(57) Abstract :
Techniques for facilitating wireless communications include receiving a registration request (such as a mobile internet protocol MIP registration request, and transmitting, based on the received registration request, an accounting message indicating support of an accounting mode. The accounting mode may, for example, include performing accounting for a mobile station at a packet data serving node (PDSN) that is serving the mobile station.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2012
(21) Application No.3367/DEL/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VARIABLE INITIATION LOCATION SYSTEM FOR PULSE DETONATION COMBUSTOR

(51) International classification :F23R 7/00
(31) Priority Document No :13/308,576
(32) Priority Date :01/12/2011
(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 :**
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1)KENYON, ROSS HARTLEY
2)BRUMBERG, JUSTIN THOMAS

(57) Abstract :
A pulse detonation combustor (PDC) includes a combustion tube, an inlet located on an upstream end of the combustion tube which receives a flow of a fuel/air mixture, an enhanced DDT region located within the tube downstream of the inlet, a P nozzle disposed on a downstream end of the tube and a fortified region disposed downstream of the enhanced DDT region and upstream of the nozzle. A combustion initiation system that provides multiple initiation locations at different axial stations along the length of the tube are positioned downstream of the inlet and upstream of the fortified region. The initiator system is operable to initiate combustion of a fuelair mixture within the tube at a selected one of the initiation locations.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3680/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS TECHNOLOGY FOR MAKING CAPE GOOSEBERRY FRUIT BAR

(51) International classification :A23L
(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. DESH BEER SINGH
2)POF. (DR.) NAZEER AHMED

(57) Abstract :
Cape gooseberries are well known for its blood purifying capacity. They are also known for other medicinal qualities which are being a source of provitamin A, vitamin B & C, and are a rich source of carotene, phosphorus and iron, and also contains vitamin P. Cape gooseberry fruits and its pulp can be made in to number of products and preparations which are having nutritional value and excellent texture, colour and flavour. A process technology was developed for making Cape gooseberry Fruit Bar. For preparing best quality cape gooseberry fruit bar, fruits should have ideal colour, texture and flavour. Fruit should be ripe but not over ripe. Husk of the fruits is removed before handling of fruits for processing. Selected fruits are washed and treated with 100 ppm sodium hypochlorite for one minute. Bruised portion of fruits are discarded. For retention of colour and avoiding browning of product cape gooseberry halves are dipped in ascorbic acid (5% Wv) and citric acid (5 Wv%) for 30 seconds. The stuff is then steam blanched for 5 minutes. Puree the fruit halves in a blender or processor until smooth slurry is produced. The pureelslurry is drained and passed through screen pulper. The final puree is concentrated with sugar up to 6520 Brix. The final concentrate is spread in food approved plastic or steel trays about 4 mm thickness in tunnel dryer (sun drying) for 22-24 sun shine hours (Temperature 48-500C and relative humidity of 30%). The dried product in appropriate size is wrapped and can be put in food approved plastic containers covered with poly film, sealed and kept in dry and cool place.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1655/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :19/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FRICTION STIR WELDED JOINT

(51) International classification :B23K35/12
(31) Priority Document No :2013-141631
(32) Priority Date :05/07/2013
(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)TANAKA, Kazami
2)NISHIHARA, Tatsuo
3)HATAKEYAMA, Tomonobu

(57) Abstract :
In joining together workpieces having a curved shape in a travelling direction of a tool using friction stir welding by keeping a rear portion of a shoulder of the tool from interfering with the workpieces, the present invention is intended to curb reduction in plate thickness of the weld between the workpieces after welding and prevent reduction in strength of the weld even when the curved shape has a small radius or when the workpieces have small plate thicknesses. [Solution] A friction stir welded joint 1 is produced by friction stir welding performed by butting together two workpieces 2 and 3 having a curved shape in a travelling direction F of a rotating tool 4 and inserting the rotating tool 4 into a targeted joining portion of the workpieces 2 and 3, in which: a protrusion 5 having a sloped portion 5a is provided on an end portion of workpiece 3 which is located on an inlet side of the rotating tool 4; and the rotating tool 4 is inserted substantially vertically into the sloped portion 5a to perform the friction stir welding.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2014
(21) Application No.2220/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTI-SEGMENT CLEANING DEVICE

(51) International classification :A24C5/35
(31) Priority Document No :P.405057
(32) Priority Date :13/08/2013
(33) Name of priority country :Poland
(86) International Application No :NA
Filing Date :NA
(87) 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)GIELNIEWSKI, ADAM

(57) Abstract :
A multi-segment cleaning device used in the tobacco industry to clean the channels transporting rod-shaped articles, comprising at least two cleaning members (20, 30) characterised in that at least one of the cleaning members (30) is made of a material ensuring a greater deformation of a cleaning member (30) contacting the wall (51, 52) of the transport channel (50) that the deformation of a cleaning member (20) contacting, at the same point, the wall (51, 52) of the transport channel (50).

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2014
(21) Application No.2292/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ACTIVE BLEED FOR AIRFOILS

(51) International classification :F01D5/18
(31) Priority Document No :13/967,566
(32) Priority Date :15/08/2013
(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)DOMEL Neal David
3)HAKES Jeffrey G.
4)MILLER Daniel N.

(57) Abstract :
An airfoil active bleed system and related method. A housing includes an induction wall, an exhaust wall having one or more exhaust ports, and a chamber between the induction and exhaust walls. Zero-net-mass-flux actuators are located in the chamber and configured and positioned to collectively induct fluid through the induction wall and selectively exhaust fluid through the exhaust port(s).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2014
(21) Application No.2293/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HEAT EXCHANGER ARRANGEMENT AND PRODUCTION METHOD

(51) International classification :F16L21/035
(31) Priority Document No :102013015179.1
(32) Priority Date :11/09/2013
(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

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1)GLCK, Rainer

(57) Abstract :
A heat exchanger arrangement, for example for an internal combustion engine, having a brazed radiator block (1) which has flow paths (10) formed from pairs of plates and has flow ducts (3) between the plate pairs (P), wherein in each case at least one plate (1 1) of each plate pair has a plate elongation (12), and wherein the brazed radiator block is arranged in a housing (2) and, at its circumference, is sealed off with respect to the housing. To improve the sealing action between the radiator block (1) and the housing (2), it is provided according to the invention that the plate elongations (1 2) are formed such that a prescribed dimension of the brazed radiator block (1) can be set by means of deformation of the plate elongations (1 2).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3694/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN IMPROVED DRIVER MOUNTING SYSTEM FOR LED DOWNLIGHT

(51) International classification :G09G
(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)MANGAT RAI
3)BISHAS SETHI
4)DURGESH SHUKLA

(57) Abstract :
This invention relates to an Ilnproved Driver Motinting Systetn for LEE Dowlighcot tnprising of a driver connected to a hoiilsing. n!<clii s providcd in connection with top cover, wherein an air gap is provicieci bctiveen said 1;o;;sisij and driver. lhe assernbly procedure of thc rnounti1;g syslcin is faster& cost. effective. Further, it reduces damage due to driver overlieating and saves overall space occupied by the fixture.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1920/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :09/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : RECYCLING MANAGEMENT SYSTEM, RECYCLING MANAGEMENT METHOD, AND PROGRAM

(51) International classification	:G06Q30/00
(31) Priority Document No	:2013-164621
(32) Priority Date	:07/08/2013
(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)ARAI, Yoshiaki
2)KYOTANI, Shinichi
3)ITO, Tsutomu

(57) Abstract :
A recycling management system of the invention includes: a dismantling management terminal configured to receive inherent recyclable product identification information and recyclable product attribution information in a step where a recyclable product is about to be loaded into a dismantling apparatus, the inherent recyclable product identification information being assigned to identify the recyclable product and the recyclable product attribution information indicating attributes of the recyclable product; and a dismantling information management server configured to determine whether or not the recyclable product is a dismantling target of ongoing dismantlement treatment in the dismantling apparatus based on the recyclable product attribution information with reference to information indicating a dismantling target of the ongoing dismantlement treatment in the dismantling apparatus.

No. of Pages : 105 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1993/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :15/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUEL TANK SUPPORT STRUCTURE OF MOTORCYCLE

(51) International classification :B62J35/00
(31) Priority Document No :2013-167616
(32) Priority Date :12/08/2013
(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)FUKUTOMI Naoki

(57) Abstract :
A motorcycle includes a vehicle body and a fuel tank, and a fuel tank support structure of a motorcycle includes a vehicle body frame including a main frame extending backward in a center portion in a width direction of a vehicle body from a rear portion of a head pipe, in which a fuel tank is arranged above the main frame, a front-side fixing section configured to elastically supporta front end portion of the fuel tank on the main frame, a rear-side fixing section configured to elastically support a rear end portion of the fuel tank on the vehicle body frame, and a tank brace branched from the main frame and extends to right and left sides of the vehicle body so as to respectively support right and left side portions of the fuel tank.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2014

(21) Application No.2200/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VALVE DIFFUSER FOR A VALVE

(51) International classification :F16K27/02
(31) Priority Document No :EP13182117
(32) Priority Date :29/08/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)GAIO GIUSEPPE
5)HEINZE RAIMUND
6)LEGENBAUER MARKUS
7)RAZOWSKI DAMIAN
8)RIEDEL THOMAS
9)RUDA STANISLAW
10)ZIWES RALF

(57) Abstract :
The invention relates to a valve diffuser (3) for a valve (1), wherein the valve diffuser (3) has a valve seat (8) designed to make contact with a valve body, wherein the valve seat (8) has a bushing (10) for making contact with a valve body and is formed from a different reinforced material to the valve diffuser (3).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2201/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :04/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : OIL SUPPLY DEVICE OF VEHICLE TRANSMISSION

(51) International classification	:F16H57/04
(31) Priority Document No	:2013-165171
(32) Priority Date	:08/08/2013
(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)SARASHINA, Syumpei
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3)SHIOIRI, Yasushi
4)ITO, Takahito

(57) Abstract :
The invention is directed to an oil supply device of a vehicle transmission in which an input shaft which is rotated by a drive source, an output gear provided on the input shaft, a counter shaft having a counter gear to which rotation of the output gear is transmitted, a drive shaft having a final gear to which rotation of the counter shaft is transmitted, and an oil gutter for guiding, to a portion to be lubricated, oil that is picked up by rotation of the final gear are disposed in a transmission case, wherein the oil gutter has an oil introduction passage portion which extends from a side of the final gear toward a ceiling surface of the transmission case and an oil staying passage portion which extends horizontally from a top end of the oil introduction passage portion toward the portion to be lubricated; and an oil supply guide portion having an introduction opening, a guide portion and a lid portion as defined herein is disposed in the transmission case.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.399/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NEGATIVE PRESSURE WOUND CLOSURE DEVICE

(51) International classification :A61B17/03
(31) Priority Document No :61/672173
(32) Priority Date :16/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050558
Filing Date :15/07/2013
(87) International Publication No :WO 2014/014842
(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)DUNN Raymond

(57) Abstract :
The present invention relates to a negative pressure wound closure system and methods for using such a system. Preferred embodiments of the invention facilitate closure of the wound by preferentially contracting to provide for movement of the tissue. Preferred embodiments can utilize tissue grasping elements to apply a wound closing force to the tissue.

No. of Pages : 66 No. of Claims : 200

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRICAL HOUSINGS FOR AIRCRAFT

(51) International classification :H01B
(31) Priority Document No :1101344.8
(32) Priority Date :26/01/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) 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)GE AVIATION SYSTEMS LIMITED
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(72)**Name of Inventor :**
1)BRETT, JOHN

(57) Abstract :
One aspect of the present invention provides a housing 100 for housing electrical equipment in an aircraft. The housing 100 comprises one or more panels 110 defining an enclosed space 150 for housing electrical equipment in an aircraft. The housing 100 also comprises at least one electrical busbar 130 for providing electric power to the electrical equipment. The at least one electrical busbar 130 is configured to provide structural support for the housing 100. By providing a housing 100 in which the busbar 130 itself provides structural support for the housing 100, various aspects and embodiments of the present invention enable a reduced weight electrical housing 100 to be provided in an aircraft. Such housings 100 may also be easier and quicker to manufacture than conventional housings since they can require less need for the use of bolts, rivets, etc. during their manufacturing and assembly process.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.208/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : DATA CONNECTIVITY IN A COMMUNICATION NETWORK

(51) International classification :H04N
(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)SHAH, PARASHAR

(57) Abstract :
A method to provide data connectivity in a communication network with an assured quality of service (QoS) is described. The described method may include identifying one or more of data usage pattern associated with at least one user and patterns of drops in QoS. Further, the method may also include predicting one or more of probable data usage and probable drops in QoS based on one or more of the identified data usage pattern and the pattern of drops in QoS; and reserving resources of the communication network based on the one or more predicted probable data usage and probable drops in QoS to provide assured QoS.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.391/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROTARY CHARGING DEVICE FOR SHAFT FURNACE

(51) International classification :F27B1/20,F27D3/00,F27D3/10
(31) Priority Document No :92046
(32) Priority Date :18/07/2012
(33) Name of priority country :Luxembourg
(86) International Application No :PCT/EP2013/064912
Filing Date :15/07/2013
(87) International Publication No :WO 2014/012890
(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)THILLEN Guy
2)THIX Christian Beno®t
3)HAUSEMER Lionel

(57) Abstract :
A rotary charging device for a shaft furnace comprises a stationary housing (16) for mounting on the throat (12) of the shaft furnace and a suspension rotor (22) supported therein so that it can rotate about a substantially vertical axis (A) said suspension rotor (22) and stationary housing (16) cooperating to delimit an annular chamber forming the main casing (36) of said rotary charging device. A charge distributor (28) is pivotally suspended to the suspension rotor (22). The device further comprises: rotary drive means for rotating the suspension rotor (22) about its axis; independent tilting drive means for pivoting the charge distributor (28) about a substantially horizontal pivoting axis (B) that include: a tilting motor (M) with horizontal output shaft (52) fixedly mounted relative to the stationary housing (16); a tilting drive shaft (58) in the main housing (36) that is mounted onto the suspension rotor (22) an outward end (60) of the tilting drive shaft (58) being coupled to the tilting motor (M) by motion transfer means (64) while the opposite inward end (62) of the tilting drive shaft is coupled to the charge distributor (28) to selectively operate its pivoting the motion transfer means (64) being configured in such a way as to allow transmitting power from the tilting motor (M) to the tilting drive shaft (58) at any angular position of the suspension rotor (22).

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(21) Application No.403/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : WEARING ARTICLE

(51) International classification :A61F13/496
(31) Priority Document No :2012143515
(32) Priority Date :26/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/003839
Filing Date :20/06/2013
(87) International Publication No :WO 2014/002439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FUKASAWA Jun
2)HASHIMOTO Tatsuya

(57) Abstract :
A diaper (1) includes front and rear waist panels (20, 30) respectively defining front and rear waist regions (12, 13) a crotch panel (40) defining a crotch region (14) and an absorbent structure (50) located on an interior side of the crotch panel (40) and extending in a longitudinal direction (Y). The crotch panel (40) has a base sheet (41) and a pair of leg sheets (42) attached to both lateral edge portions of the base sheet (41). In vicinities of front and rear end portions (40A, 40B) of the crotch panel (40), first joint regions extending in a transverse direction (X) from the base sheet (41) beyond outer lateral edge portions (42C) of the respective leg sheets (42) are formed. Through these joint regions, the crotch panel (40) is joined to the front and rear waist panels (20, 30). Cover sheets (61, 62) adapted to cover the front and rear end portions (40A, 40B) are joined to an interior crotch sheet (43) of the crotch panel (40) through second joint regions. The cover sheets (61, 62) extend outwardly in the transverse direction (X) beyond the first joint regions.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014
(21) Application No.1441/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : COVER BODY OF WIPER MOTOR, WIPER MOTOR, REAR WIPER AND AUTOMOBILE

(51) International classification :H02K5/22
(31) Priority Document No :201320431604.2
(32) Priority Date :19/07/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHENG, Nairui
3)GEUBEL, Paul
4)CHO, Wooyean
5)GUI, Y.e
6)XU, Kaikai

(57) Abstract :
The utility model relates to a cover body of wiper motor, wherein the cover body has a sub cover body and a gear cover. The cover body further comprises a plurality of welding pins provided on the gear cover, and the sub cover body is fixed onto the gear cover by fusion welding ends of the welding pins after passing the ends through the through holes disposed in the sub cover body. The utility model further provides a wiper motor provided with the cover body, a rear wiper arranged with the wiper motor as well as an automobile equipped with the rear wiper. The cover body of wiper motor according to utility model has many advantages such as flexible arrangement, stable connection, low manufacture cost and low process cost, etc.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2014
(21) Application No.1770/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS AND METHOD TO REDUCE PTZ LATENCY

(51) International classification :H04N7/18
(31) Priority Document No :13/938,873
(32) Priority Date :10/07/2013
(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)JIE CHEN
3)HANJIN ZHOU
4)ZHENGHONG HUANG

(57) Abstract :
An apparatus, system, and method to reduce PTZ latency are provided. The system can include an input port and a motor driver unit, and the input port can receive a PTZ request. The input port can transmit the PTZ request to the motor driver unit, and the motor driver unit can extract a PTZ command from the PTZ request. In some embodiments, the PTZ request can obviate transmission through a parser and a processor.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3623/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :12/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A COMPOSITION FOR PAIN RELIEF AND A PROCESS OF MAKING THEREOF

(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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1)SWAPNIL PATHAK

(57) Abstract :
Present invention relates to a novel synergistic formulation primarily based on oil obtained &om plants effective against muscular pain, arthritis pain, joint pain and backache .This formulation is highly useful in ;ing quick relief from pain. Formulation is usefbl in topical application on the affected part.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.394/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : WELDING FIXTURE

(51) International classification :G01F1/66,G01F15/14
(31) Priority Document No :61/673018
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053842
Filing Date :06/09/2012
(87) International Publication No :WO 2014/014482
(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)HA Chae H.

(57) Abstract :
A welding fixture for releasably engaging a weldable object includes a support body having a fluid passage and a receiver coupled to the support body having an internal chamber that receives the object. At least one fluid delivery tube is disposed along the receiver and is in fluid communication with the fluid passage of the support body. The fixture allows the weldable object to be precisely positioned for welding and supplies a fluid delivery system for delivering inert gas to the weld site.

No. of Pages : 35 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.407/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NORMAL TEMPERATURE DRYING SYSTEM

(51) International classification :F26B3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/078792
Filing Date :18/07/2012
(87) International Publication No :WO 2014/012223
(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 normal temperature drying system comprises: a drying inner chamber (1) a temperature difference outer chamber (2) a drainage chute (141) more than one trolleys (121,122) used for objects to be dried and only disposed in the drying inner channel and an air conditioning device (22) located on a wall of the temperature difference outer chamber. The temperature of the drying inner channel is controlled by the air conditioning device to be 2°C higher than the temperature of the temperature difference outer channel. Further as a hot gas flow of a heating component in the drying inner channel is blown towards the wet object to be dried and air humidity in the drying inner channel is high moisture is condensed on a metal peripheral wall and a metal top wall as the metal peripheral wall and the metal top wall are relatively cold. Water drops generated after the moisture is condensed flow downwards into the drainage chute along inner walls of the metal peripheral wall and the metal top wall so as to be drained thereby achieving an objective of drying the object to be dried.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2235/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :06/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR CONTROLLING ELECTRONIC EQUIPMENT, ASSOCIATED ELECTRONIC EQUIPMENT AND COMMUNICATION SYSTEM

(51) International classification :G06F13/00
(31) Priority Document No :13 57920
(32) Priority Date :09/08/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FAYT, Etienne
2)COMTE, Renaud

(57) Abstract :
The inventive method for controlling electronic equipment, the electronic equipment including a wireless transceiver and being able to communicate with an electronic station including wireless communication means, the wireless transceiver being able to receive wireless signals from the station with a variable receiving power level (Pr), the receiving power level depending on the transmission power level of the station, and the wireless transceiver being able to transmit wireless signals to the station, comprises the following steps: - measuring (105, 125) the receiving power level (Pr) of the wireless signals; - comparing (110, 115, 130, 135) the receiving power level (Pr) with a first threshold (TPC1) and a second threshold (TPC2), and - transmitting (120, 100) wireless signals with a first power level (Pe1) or a second power level (Pe1) based on the comparison results obtained during the preceding step.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2014
(21) Application No.2236/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR LAMBDA AND IGNITION ANGLE CONTROL

(51) International classification :F02D41/00
(31) Priority Document No :102013218903.6
(32) Priority Date :20/09/2013
(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

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5)ROSS, Daniel
6)HAMEDOVIC, Haris
7)NACK, Laurent

(57) Abstract :
The present subject matter relates to method for lambda and ignition angle control for a combustion in an internal combustion engine having at least one cylinder, wherein an optimized air-fuel ratio or an optimized ignition angle is determined from a characteristic, with which an estimated value for a torque is determined and which is based on an evaluation of a speed of a crankshaft in the internal combustion engine.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3740/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :23/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : WATER MANAGEMENT SUPPORT SYSTEM

(51) International classification :C02F 1/00
(31) Priority Document No :2012-283851
(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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2)YOKOI HIROTO
3)TADOKORO HIDEYUKI
4)TACHI TAKAHIRO

(57) Abstract :
IN A P U R I F I C A T I O N F A C I L I T Y , WHEN THE WATER VOL@$ BE(P408 T R E A T E D I S SHARPLYCHANGED, F O R EXAMPLE, R E S P O N D I N G T O A REQUEST 5 FORPOWER SAVING, T H E RISKOFWATERQUALITYDEGRADATIONPOSSIBLY I N C R E A S E S . IT IS, T H E R E F O R E , NECESSARYTOPROVIDEASYSTEMWHICH CAN BE R O B U S T L Y OPERATED T O SUPPLY S A F E WATER T O USERS EVEN A T A TIME OF POWER SHORTAGE. A WATER MANAGEMENT SUPPORT SYSTEM ACCORDING T O T H E PRESENT I N V E N T I O N I N C L U D E S : A WATER SUPPLY 10 CONTROLANDMANAGEMENTPLANNINGMEANS T O WHICH POWER SUPPLY AND WATER DEMAND F O R E C A S T S A R E I N P U T T E D ; A POWER C O N T R O L MEANS F O R C O N T R O L L I N G OPERATION OF AN IN-HOUSE POWER GENERATION F A C I L I T Y BASED ON T H E WATER SUPPLY C O N T R O L AND MANAGEMENT P L A N ; A F I L T E R OPERATION PLANNING MEANS F O R S L O W - S T A R T I N G A F I L T E R S E L E C T E D 15 BASED ON A F I L T E R OPERATION H I S T O R Y ; AND A COAGULANT DOSAGE C A L C U L A T I O N MEANS F O R C A L C U L A T I N G A COAGULANT DOSAGE BASED ON THEWATERSUPPLYCONTROLANDMANAGEMENTPLANANDWATERTURBIDITY.

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.397/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM TO INDICATE HYPERGLYCEMIA OR HYPOGLYCEMIA FOR PEOPLE WITH DIABETES

(51) International classification :A61B5/1477,A61M5/168
(31) Priority Document No :13/553655
(32) Priority Date :19/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051113
Filing Date :18/07/2013
(87) International Publication No :WO 2014/015160
(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)HOWELL Frances Wilson
2)MACLEOD Janice
3)RODBARD David

(57) Abstract :
Various methods and systems to manage diabetes of a subject using data relating to patterns to provide insight into how a patient s daily activities impact glycemic control of the subject. These patterns help to identify very specific areas of glycemic excursions enable patients and HCPs to more easily identify patterns of hypoglycemia and hyperglycemia in order to take steps to improve glycemic control of the person with diabetes.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.410/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS AND APPARATUS FOR ENABLING LOAD STEERING IN HETEROGENEOUS RADIO ACCESS NETWORKS

(51) International classification :H04W28/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/065969
Filing Date :15/08/2012
(87) International Publication No :WO 2014/026714
(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)NYLANDER Tomas
2)ST…LNACKE Per Daniel

(57) Abstract :
According to a first aspect there is provided a method of enabling load steering between a 3rd Generation Partnership Project (3GPP) Radio Access Network (RAN) and a Wi Fi RAN. The method comprises at a server generating overlap information associating one or more cells of the 3GPP RAN with one or more Access Points (AP) of the Wi Fi RAN wherein a cell of the 3GPP RAN is associated with an AP of the Wi Fi RAN if it is determined that the cell overlaps with an area covered by the AP. The server then determines an off load schedule for a cell of the 3GPP RAN the off load schedule indicating when an overlapping AP of the Wi Fi RAN can reject an attempt by a user terminal to attach to the AP of the Wi Fi RAN and sends the off load schedule to the Wi Fi RAN.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2284/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :11/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR VIRTUAL REGION BASED ACCESS CONTROL OPERATIONS USING BIM

(51) International classification :G08B13/00
(31) Priority Document No :13/968,494
(32) Priority Date :16/08/2013
(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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1)VINOTH DHARMALINGAM
2)VISWANATHAN CHATAPURAM KRISHNAN
3)VINAY VENKATESH
4)PAUL M. POPOWSKI

(57) Abstract :
A system operates using the steps of a building information model (BIM) of a security system defining a three-dimensional floor plan of a secured area, the BIM receiving an a graphical input from a user defining at least one subarea of the secured area, a user input of the security system receiving a selection of the at least one subarea of the secured area, the user input of the security system receiving a change in a parameter from the user of the security system, the parameter is used by a plurality of security devices within the at least one subarea and changing a corresponding parameter within each of the plurality of security devices to match the changed parameter.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3682/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A DELIVERY VALVE

(51) International classification :F04B
(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)TUSHAR KANT JINDAL
2)ABHISHEK JINDAL

(57) Abstract :
According to this invention a compressor delivery valve is disclosed. The compressor delivery valve comprises a bottom plate adapted to be secured with a top plate. A plurality of passage are provided in the bottom plate and top plate such that to facilitate passage of refrigeration gas there through. A plurality of raised rings of different diameter are provided on inner surface of the bottom plate such that to facilitate mounting of cover plates thereon in leak proof manner. Plurality springs are provided over the cover plates. The bottom plate having reduced thickness is secured with the top plate by means of threads provided with said plates.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.400/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PRODUCING THERMOPLASTIC PRE CERAMIC POLYMERS

(51) International classification :C08G77/62,C04B35/589
(31) Priority Document No :12006145.2
(32) Priority Date :30/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/002645
Filing Date :04/09/2013
(87) International Publication No :WO 2014/032817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLARIANT FINANCE (BVI) LIMITED
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(72)**Name of Inventor :**
1)RICHTER Frank
2)KRICHEL Matthias
3)DECKER Daniel
4)MOTZ Guenter
5)SCHMALZ Thomas

(57) Abstract :
The invention relates to a method for producing high molecular weight solid meltable thermoplastic pre ceramic polymers by converting liquid low molecular weight polysilazanes in a solvent in the presence of a catalyst a stopping reagent stopping the reaction as soon as the desired degree of polymerization is achieved. The obtained polysilazanes can be processed by conventional industrial methods such as for example extrusion injection molding melt spinning calendering film and hollow body blowing rotational molding fluidized bed sintering flame spraying and transfer molding (RTM and DP_RTM).

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.414/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :14/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ESCALATOR STEP

(51) International classification :B66B
(31) Priority Document No :2013-178422
(32) Priority Date :29/08/2013
(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)KAMIMURA, KOSEI
3)ISHIKAWA, YOSHINOBU
4)TAKAHASHI, HIDEO
5)KIKUCHI, TAKAYUKI
6)YAMAGUCHI, SATOSHI

(57) Abstract :
An escalator step includes a tread having a body section on which a plurality of convex 5 sections are arranged in parallel, a riser connected to a rear end portion of the tread and having thereon a plurality of convex sections and a plurality of concave sections formed between the adjacent convex sections1 and a shock 10 absorbing cleat provided on a corner at which the riser and tread are connected to each other. The shock absorbing cleat includes a plurality of long convex sections which are arranged in parallel and a plurality of short convex sections 15 which are arranged in parallel between the adjacent long convex sections. The shock absorbing cleat is formed of a polymeric material having a Youngs modulus of 1000 MPa or less. 20

No. of Pages : 64 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015

(21) Application No.414/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VISCOUS FRICTION COUPLING

(51) International classification :F16D35/00,F16D35/02
(31) Priority Document No :12004768.3
(32) Priority Date :26/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/046986
Filing Date :21/06/2013
(87) International Publication No :WO 2014/004277
(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)RAISER Dennis
2)BUCHHOLZ Thomas

(57) Abstract :
The invention concerns a viscous friction coupling (1) with a housing (2,3) with a coupling disk (4) which is rotatable in relation to the housing (2,3) and which is arranged on one end (5) of a shaft (6) mounted centrally within the housing (2,3) which shaft carries a drivable active element (7) on its other end (8); with a working chamber (9) between the housing (2,3) and the coupling disk (4); with a storage chamber (10) for coupling fluid; and with a supply channel (11) which leads from the storage chamber (10) to the working chamber (9); characterized by a supply pump element (14) which is rotatable in relation to the housing (2,3) and is integrated in the coupling disk (4).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.210/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEHUMIDIFIER

(51) International classification :B23B
(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)KROG, JENS HENRIK
2)KRUSE, KNUD BAKBO
3)KANNAIYAN, RAJKUMAR SENGODAN

(57) Abstract :
The embodiments of the invention described above are provided by way of example only. The skilled person will be aware of many modifications, changes and substitutions that could be made without departing from the scope of the present invention. For example, although the present invention has generally been described in relation to solar inverters, this is not essential. The principles of the present invention could be applied to a dehumidifier that is used in any cabinet, enclosure or other closed cavity. The claims of the present invention are intended to cover all such modifications, changes and substitutions as fall within the spirit and scope of the invention.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2239/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :07/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONNECTOR AND CONNECTOR DEVICE

(51) International classification	:H01R13/627
(31) Priority Document No	:2013-176333
(32) Priority Date	:28/08/2013
(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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1)TERUO HARA

(57) Abstract :
It is aimed to provide a connector and a connector device capable of preventing the intrusion of liquid to a board side along an upper surface of a housing. In a connector 10 in which terminal fittings 11 extending from a housing 12 are connected to a board 50 and a casing 51 for covering the board 50 is mounted on the side of an upper surface 12U of the housing 12, liquid retaining portions 28 formed by connecting longitudinal grooves 29 extending in a front-back direction and horizontal grooves 31 extending in a lateral direction are provided on the upper surface 12U of the housing 12.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2013
(21) Application No.3425/DEL/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENERGY MANAGEMENT FOR PET RECYCLING SYSTEMS

(51) International classification	:B29B 17/00
(31) Priority Document No	:10 2013 201 116.4
(32) Priority Date	:24/01/2013
(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 :**
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(72)**Name of Inventor :**
1)PETERS, NORBERT

(57) Abstract :
The invention relates to a method for operating a plastics recycling system (100), comprising: detecting the energy consumption of individual or several or all energy consumers (101, 102, 103, 104, 105, 106, 107) of the plastics recycling system (100), detecting an operating state of the plastics recycling system (100), identifying the energy consumers (101, 102, 103, 104, 105, 106, 107) required for the operating state, using a hierarchy of the energy consumers (101, 102, 103, 104, 105, 106, 107) depending on their energy consumption and/or their operating mode and/or the operating state of the plastics recycling system (100), and supplying the required energy consumers (101, 102, 103, 104, 105, 106, 107) with energy taking into account said hierarchy, wherein the maximum peak power supplied to the entirety of the required energy consumers (101, 102, 103, 104, 105, 106, 107) is smaller than the sum of the rated peak powers of the individual required energy consumers (101, 102, 103, 104, 105, 106, 107).)

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012
(21) Application No.3426/DEL/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FLUID TREATMENT ASSEMBLIES.

(51) International classification :B01D 63/08
(31) Priority Document No :13/293,586
(32) Priority Date :10/11/2011
(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)MESSIER, SYLVIA
3)COVINO, JAMES

(57) Abstract :
Fluid treatment assemblies may include first and second end pieces, at least one fluid treatment unit positioned between the first and second end pieces, and a retainer extending between the first and second end pieces and arranged to press the fluid treatment unit(s) and the first and second end pieces together.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.421/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BARIUM SULFATE COMPOSITE PARTICLES RESIN COMPOSITION CONTAINING SAME AND PROCESS FOR PRODUCING SAME

(51) International classification :C08K9/02,C01F11/46,C01G9/00
(31) Priority Document No :2012152990
(32) Priority Date :06/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068358
Filing Date :04/07/2013
(87) International Publication No :WO 2014/007325
(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)MIYAKE Junichi
3)IZUMIKAWA Hiroyuki
4)ASADA Masayuki

(57) Abstract :
Barium sulfate composite particles which comprise barium sulfate particles and a zinc compound adhered to the surface thereof and which have an average particle diameter of 0.01 10 µm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2014
(21) Application No.2298/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BORON SUBPHTHALOCYANINE COMPOUNDS AND METHOD OF MAKING

(51) International classification :C09B57/00
(31) Priority Document No :14/012,222
(32) Priority Date :28/08/2013
(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 :**
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1)Jeffrey H. Banning
2)Wolfgang G. Wedler
3)Stephan V. Drappel

(57) Abstract :
A compound comprising a boron subphthalocyanine moiety, a plurality of solubilizing substituents positioned on peripheral cyclic groups of the boron subphthalocyanine moiety and an axial substituent positioned on the boron atom. The plurality of solubilizing substituents comprise an oxygen or sulfur containing functional group and a substituted or unsubstituted, linear, branched or cyclic, aliphatic or aromatic terminal hydrocarbyl group that is 8 or more carbon atoms in length, the hydrocarbyl group optionally containing one or more heteroatoms. The axial substituent is a cyclic group selected from the group consisting of heterocyclic amine groups, diaryl ketone groups, benzotriazole groups, benzyl alcohol groups and polycyclic aromatic hydrocarbon groups, the cyclic group being bonded to the boron atom by an oxygen containing linking moiety, the cyclic group optionally being substituted with one or more additional substituents. If the axial group is a benzyl alcohol group, the alcohol substituent of the benzyl alcohol is not the oxygen containing linking moiety.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2299/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :12/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DYE COMPOUNDS, METHOD OF MAKING THE COMPOUNDS AND INK COMPOSITION EMPLOYING THE COMPOUNDS

(51) International classification :C09D11/328
(31) Priority Document No :13/975,714
(32) Priority Date :26/08/2013
(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)Jule W. Thomas Jr.
3)Bo Wu
4)Stephan V. Drappel

(57) Abstract :
A dye compound of formula 1: (1) where R and R™ are substituents independently selected from the group consisting of a hydrogen atom, C1 to C4 alkyl and a solubilizing moiety comprising a substituted or unsubstituted C10 to C70 hydrocarbyl group. At least one of R and R™ is not a hydrogen atom or C1 to C4 alkyl. R™™ and R™™™ can be independently selected from the group consisting of a hydrogen atom, C1 to C6 alkyl groups or halogens; and X is a squaric acid moiety. A property of the dye compound is that it absorbs radiation having a wavelength in the range of about 700 nm to about 1400 nm.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.418/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : LOW VOID FRACTION THERMAL STORAGE ARTICLES AND METHODS

(51) International classification :F28D20/00,F24J2/34
(31) Priority Document No :61/665957
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/047477
Filing Date :25/06/2013
(87) International Publication No :WO 2014/004428
(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)SHERMAN Daniel C.
3)SZYMANSKI Thomas

(57) Abstract :
Low void fraction thermal energy storage articles systems and methods for making and using such thermal energy storage articles and systems. Thermal energy storage units include a thermal energy storage body having a particular void volume and a mixing cavity creating element. Thermal energy storage modules include two or more thermal energy storage bodies arranged adjacently with an intervening cavity defined by a cavity creating element. The total void volume of a thermal energy storage module (i.e. the sum of the void volume of the passages of the thermal energy storage bodies and the cavity) is between about 10% and about 40%.

No. of Pages : 46 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(21) Application No.433/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :19/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : BLAST FURNACE INSTALLATION

(51) International classification :C21B5/00,C21B7/00
(31) Priority Document No :2012206776
(32) Priority Date :20/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/073878
Filing Date :05/09/2013
(87) International Publication No :WO 2014/045876
(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)NAKAGAWA Keiichi
2)OMOTO Setsuo
3)SAKAGUCHI Masakazu
4)HAMADA Tsutomu

(57) Abstract :
A blast furnace installation 100 equipped with a blast furnace body 11 0, a hot air blowing means 11 4, 11 5, etc. for blowing hot air into the blast furnace body 11 0 through a tuyere, and a pulverized coal supply means for supplying pulverized coal 2 into the blast furnace body 110 through the tuyere. The pulverized coal 2 is obtained by,means of dry distillation of lowgrade coal. The pulverized coal supply means is equipped with: a pneumatic conveying means 11 5-120 for pneumatically conveying the pulverized coal 2 to the tuyere by means of a carrier gas 107 made of a mixture of air 106 and an inert gas 102; a temperature sensor 121 for detecting the temperature of the carrier gas 107 near the tuyere; and a control unit 122 for adjusting the mixing ratio between the air 106 and the inert gas 102 in the carrier gas 107 of the pneumatic conveying means 1 1 5- 120 on the basis of information from the temperature sensor 12 1.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.412/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :14/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONTROL EQUIPMENTS, CONTROL SYSTEMS, AND DATA GENERATION METHODS

(51) International classification :G05B
(31) Priority Document No :2013-035647
(32) Priority Date :26/02/2013
(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 :**
1)HITACHI, LTD.
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(72)**Name of Inventor :**
1)SHIMAMURA KOTARO
2)SHIBATA NAOKI
3)KANEKAWA NOBUYASU
4)KURIHARA NAOKI

(57) Abstract :
A control equipment is provided in which a plurality of processing modules perform the same processing and the processing results are compared with each other to thereby detect a malfunction in the processing modules, and transmission of data is cut off at the time of detection of the malfunction, and which is capable of detecting a difference between transmitted data and the data used for the comparison. The control equipment is provided with a check code concatenation circuit which is configured to concatenate the processing result outputted by a first processing module with a check code generated on the basis of the processing result of a second processing module, and which is configured to output the processing result concatenated with the check code.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.412/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : EDDY CURRENT DECELERATION DEVICE

(51) International classification :H02K49/10,B60L7/18,F16D65/02
(31) Priority Document No :2012179138
(32) Priority Date :13/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/071799
Filing Date :12/08/2013
(87) International Publication No :WO 2014/027640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)YAMAGUCHI Hiroyuki
2)IMANISHI Kenji
3)NOGUCHI Yasutaka
4)FUTABA Takashi

(57) Abstract :
This eddy current deceleration device comprises: a magnet holding member that is provided coaxially with a rotary shaft and that holds a plurality of permanent magnets along the circumferential direction; a brake member that is supported so as to be relatively rotatable with respect to the rotary shaft the brake member including a pair of disk parts arranged on opposite sides of the magnet holding member in the axial direction of the rotary shaft a connection part that connects the pair of disk parts and an eddy current generating part that generates an eddy current by the rotation of the permanent magnets; and a friction brake that brings the brake member to a standstill by pressing a friction member against the brake member at the time of braking.

No. of Pages : 53 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.427/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AQUEOUS COMPOSITION FOR PREPARING HARD CAPSULE PREPARATION METHOD THEREFOR HARD CAPSULE AND METHOD FOR RECYCLING HARD CAPSULE SCRAPS

(51) International classification :A61K9/48,A61K47/38,C08J11/08
(31) Priority Document No :1020120080258
(32) Priority Date :23/07/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005927
Filing Date :04/07/2013
(87) International Publication No :WO 2014/017756
(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)SON Jin Ryul
2)LEE Sang Youb
3)JEON Jyung Hee
4)BANG Sung Hwan
5)SHIN Ju Hee

(57) Abstract :
Disclosed are an aqueous composition for preparing a hard capsule a preparation method therefor a hard capsule and a method for recycling hard capsule scraps. The disclosed aqueous composition for preparing a hard capsule comprises a water soluble cellulose ether an alcohol and water. In addition the method for recycling hard capsule scraps comprises the step of dissolving hard capsule scraps comprising a water soluble cellulose ether into a mixture solution comprising water and an alcohol so as to prepare an aqueous composition for preparing a recycled hard capsule.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(21) Application No.442/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :19/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PREPARING BLAST FURNACE BLOW IN COAL

(51) International classification :C21B5/00
(31) Priority Document No :2012224167
(32) Priority Date :09/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/074826
Filing Date :13/09/2013
(87) International Publication No :WO 2014/057768
(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 Keiichi
2)OMOTO Setsuo
3)SAKAGUCHI Masakazu
4)HAMADA Tsutomu

(57) Abstract :
Provided is a method that is for preparing blast furnace blow in coal and that can at a low cost obtain blast furnace blow in coal that suppresses occlusion by blast furnace blow in ash or accretion of blast furnace blow in ash in a pathway leading to a tuyere of a blast furnace main body while suppressing a decrease in the amount of heat release. On the basis of data obtained by means of analyzing coal a first and second coal type satisfying conditions (A,B) are selected (S2,S3) on the basis of the CaO content in the ash of the first and second coal types when the oxides of Al Si Ca and Mg in the ash is 100 wt% and the AlO content in the ash is 20 wt% the mixing ratio of the first coal type and second coal type that results in the CaO content in the ash of the mixed coal resulting from mixing the first coal type and second coal type being at least 40 wt% is derived (S4) and the first coal type and second coal type are mixed (S5) at the mixing ratio.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1598/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :12/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SOLID-FUEL STOVE DEVICE

(51) International classification :F24B7/00
(31) Priority Document No :102213222
(32) Priority Date :12/07/2013
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CHEN, CHIA-HSIN
3)HSU, TSENG-WEN
(72)**Name of Inventor :**
1)CHEN, CHENG-WEN
2)CHEN, CHIA-HSIN
3)HSU, TSENG-WEN

(57) Abstract :
A solid-fuel stove device includes an outer stove body having a receiving space, an air inlet, and an annular passage located around a top of the outer stove body and communicating with the receiving space via air escaping holes; an air intake unit connected to the air inlet; and an inner stove body suspended in the receiving space and having air holes communicable with a clearance space existing between the inner and outer stove bodies. External air is drawn by the air intake unit into the outer stove body via the air inlet to flow through the clearance space, the air holes, the air escaping holes and the annular passage, enabling efficient combustion of solid fuels in the inner stove body. Combustion-produced gases are burned again in the annular passage and therefore contain less hazardous substances and produce little smoke when they are discharged, making the stove device environmentally friendly.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2013
(21) Application No.3637/DEL/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AQUEOUS COMPOSITONS COMPRISING POLYMER PARTICLES AND LOW LEVELS OF CLAY

(51) International classification :A61Q19/08, A61K8/89,
(31) Priority Document No :13/738,001
(32) Priority Date :10/01/2013
(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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1)THERESA CHEN
2)CHRISTINA IRENE LEE
3)ANNE-SOPHIE BRILLOUET
4)MARISA DEVITA DUFORT
5)JIPSHA THAKRAR

(57) Abstract :
The present invention features a composition that includes about 0.75% to about 1.25% by weight of a clay portion that comprises bentonite. The composition includes polymer particles having an average particle size of less than about 20 microns and a 5 refractive index of about 1.3 to about 1.4. The composition is substantially free of hydrophobic compounds. The composition is useful for treating under eye skin.,

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.408/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWDER DISPERSION DEVICES AND METHODS

(51) International classification :A61M15/06,B65D83/06
(31) Priority Document No :61/664013
(32) Priority Date :25/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046779
Filing Date :20/06/2013
(87) International Publication No :WO 2014/004250
(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 :5901 Indian School Road #107 Albuquerque New Mexico 87110 U.S.A.
(72)**Name of Inventor :**
1)DONOVAN Martin J.

(57) Abstract :
A dry powder inhaler may include a powder storage an inlet channel a dispersion chamber and an outlet channel. A geometry of the inhaler may be such that a flow profile is generated within the dispersion chamber that causes an actuator to oscillate enabling the actuator when oscillating to deaggregate powdered medicament within the dispersion chamber to be aerosolized and entrained by the air and delivered to a patient through the outlet channel.

No. of Pages : 88 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.423/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR USING AN ELECTROSTATIC TOOL

(51) International classification :B05B5/00,B05B5/053,B05B12/02
(31) Priority Document No :61/692670
(32) Priority Date :23/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054989
Filing Date :14/08/2013
(87) International Publication No :WO 2014/031414
(61) 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)MYERS Steven Andrew
2)COZART Payton Xavier

(57) Abstract :
A system including an electrostatic spray system (10) including an electrostatic tool (12) configured to spray a material with an electrostatic charge and a controller (18) and wherein the controller is configured to change modes of the electrostatic tool and wherein the modes are different processes that change the rate of material discharge how much electrical charge is applied to the material and when electrical charge is applied to the material.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.453/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR MAKING A LOW OHMIC PRESSURE CONTACT ELECTRICAL CONNECTION BETWEEN SPLIT RING ELECTRODE AND LEAD WIRE

(51) International classification	:A61M 25/00	(71)**Name of Applicant :**
(31) Priority Document No	:13/802, 259	**1)BIOSENSE WEBSTER (ISRAEL) LTD.** Address of Applicant :4 HATNUFAH STREET, P.O. BOX 275 YOKNEAM 20692, ISRAEL
(32) Priority Date	:13/03/2013	(72)**Name of Inventor :**
(33) Name of priority country	:U.S.A.	**1)THOMAS V. SELKEE**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A method for attaching a split ring electrode to a catheter tip section includes providing 5 a tubing with a lumen and an opening in the tubing side wall, passing an electrode lead wire through the opening, and wrapping the lead wire around the tubing. A split ring electrode is mounted on the tubing over the wrapped lead wire and opening, with electrically-conductive thermoplastic elastomeric adhesive applied between the ring electrode and the outer surface of the tubing, and reheated to reflow.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.267/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :29/01/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : BASE STATION IN CELLULAR NETWORK SYSTEM AND SLEEP CONTROL METHOD FOR BASE STATION

(51) International classification :H04W 52/02
(31) Priority Document No :201310041016.2
(32) Priority Date :01/02/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LEE DONGHEON
2)ZHOU SHENG
3)YANG PENG
4)LIU CHUNGUANG
5)NIU ZHISHENG
6)MIZUTANI MIKA

(57) Abstract :
It is provided a base station included in a cellular network system 5 together with other neighboring base stations, which provides information service to a user terminal. The base station comprising: a determination unit for comparing states of traffic currently provided by said base station and other neighboring base stations and determining whether said base station has the lowest traffic; an information transmission unit for sending a 10 sleep request and a handover request for handing over the user terminal associated with said base station to one of the neighboring base stations in case where the determination unit determines that the traffic currently provided by the base station is lowest; a receiving unit for receiving feedback information sent from the one of the neighboring base stations after 15 admission control; and an executing unit for executing sleep decision after receiving handover request permitting information from the neighboring base station.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2014
(21) Application No.34/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRIC POWER ASSISTED STEERING SYSTEM FOR VEHICLES

(51) International classification :B62D6/02
(31) Priority Document No :102013200259.9
(32) Priority Date :10/01/2013
(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

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(72)**Name of Inventor :**
1)FIGURA, MICHAEL GEORG
2)STUMPF, ERIK JURGEN

(57) Abstract :
The invention relates to an electric power assisted steering system for vehicles I comprising an electric motor drive (2) having a motor housing (3), a motor shaft (4), at least two bearings (5, 6) for mounting the motor shaft (4) and at least one bearing plate (7, 19) for receiving one of the bearings (5), wherein the other bearing (6) is 5 fixed in place on the motor housing (3) in the radial direction. The electric power assisted steering system further comprises a worm gear shaft (8) that can be driven by the motor shaft (4) and meshes with a worm gear wheel (10) that is received in a 0 transmission housing (9). The bearing plate (7, 19) is mounted by means of at least one elastic element (1 1) in an elastic manner on the motor housing (3) in such a 10 manner that the motor housing (3) can tilt with respect to the bearing plate (7, 19).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.443/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SLIDER FOR SLIDE FASTENER AND METHOD OF INSERTION THEREOF

(51) International classification :A44B19/26,A44B19/02
(31) Priority Document No :P120103906
(32) Priority Date :19/10/2012
(33) Name of priority country :Argentina
(86) International Application No :PCT/US2013/065647
Filing Date :18/10/2013
(87) International Publication No :WO 2014/063031
(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)AINI Raquel
(72)**Name of Inventor :**
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2)AINI Raquel

(57) Abstract :
A slider for a slide fastener that is easily adjustable to a variety of sizes and types of slide fasteners since it can be pivotally opened and closed horizontally and can be locked in the appropriate size according to the size of the slide fastener in which it has been previously inserted; the horizontal opening of the slider allows it to be inserted in both rows of teeth of a new or repaired slide fastener without unsewn parts of the garment or article of interest; additionally a method for the insertion of the slider in a garment or article of interest to be manufactured and/or repaired is disclosed.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.459/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONTROL OF THE WORKING FREQUENCY OF AN IMPACT MECHANISM

(51) International classification :F15C 3/16
(31) Priority Document No :A 50139/2013
(32) Priority Date :04/03/2013
(33) Name of priority country :Austria
(86) International Application No :NA
Filing Date :NA
(87) 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)TMT-BBG RESEARCH AND DEVELOPMENT GMBH
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(72)**Name of Inventor :**
1)STEFAN KAINDLBAUER

(57) Abstract :
The invention relates to a control device of an impact mechanism operable by means of a pressure media having an element for reversing the axial pressurization of the percussion piston and the return of the mediuni. In order to achieve a controllability of impact mechanisms by means of which the energy and the frequency of the moved percussion piston can be adjusted, it is provided according to the invention that at least one channel switchable by the reversal as a return line for the medium from the percussion hammer has at least one switchable element for the flow control.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1464/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :02/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SLIP-CONTROLLED HYDRAULIC VEHICLE BRAKE SYSTEM

(51) International classification :B60T8/48
(31) Priority Document No :102013212327.2
(32) Priority Date :26/06/2013
(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 :**
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(72)**Name of Inventor :**
1)HEYER, Klaus

(57) Abstract :
The present subject matter relates to a simplification of a structure of a slip-controlled hydraulic vehicle brake system, the present subject matter suggests closing a wheel brake (5) through a wheel valve (4), and an other wheel brake (7) simply through a throttle (8). A hydraulic accumulator (11) is connected through a pressure reduction valve (10) for lowering a brake pressure. The one wheel brake (5) is directly connected to a pressure side of a hydraulic pump (12). The hydraulic accumulator (11) is connected to a master brake cylinder (2) through a pressure controlled storage valve (16).

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014
(21) Application No.1465/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRIC MACHINE, IN PARTICULAR AN ELECTRIC MOTOR

(51) International classification	:H02K3/12
(31) Priority Document No	:10 2013 212 041.9
(32) Priority Date	:25/06/2013
(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 :**
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(72)**Name of Inventor :**
1)BICK, Tobias
2)AUMANN, Christian

(57) Abstract :
The present subject matter relates to an electric machine comprising a motor housing with a bearing plate placed on an end face of a motor housing, wherein a power cable is guided between the motor housing and the bearing plate in the electric machine. The power cables are accommodated in a cable fastening part, which firmly clamps the insulating sheath of the power cable.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3808/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :11/12/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : A FRAMEWORK TO USE SYNTHETIC INFORMATION FOR DECISION MAKING

(51) International classification	:G06F9/44	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)JAITEG SINGH**
(32) Priority Date	:NA	Address of Applicant :KOTHI NO. 91, URBAN ESTATE PHASE-1, PATIALA, PUNJAB. India
(33) Name of priority country	:NA	**2)KULDEEP ARORA**
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)JAITEG SINGH**
(87) International Publication No	: NA	**2)KULDEEP ARORA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Data provides a factual base to decision making process for any system or organization. It is essential to formulate and validate working assumptions about any procedure. Data collection helps in identifying and generating objective information about any procedure, instead of merely suggesting subjective opinions. To collect uniform, real, believable and unbiased data there is a need of data collection plan to develop standardized and consistent technique of data collection. Generally the formal declaration of any data collection plan is missing from data collection mechanisms hence the collected data is not always believable. Data collected using primitive data collection techniques like interviews, questionnaires and observations may get affected by the level of understanding and expertise of the data collector. Moreover the expenditure involved in conducting any surveyor interview cannot be ignored keeping in view a small or medium sized organization. Here we have suggested a technique that can be used to provide synthetic estimates to facilitate any decision making process. As it generates information from synthetically generated data sets hence a decision maker is free to redefine the data fields and/or questions for the data collection/ generation procedure he has chosen. The technique has the capability to provide initial estimates with negligible expenditure and with noticeable accuracy. In the case study conducted during the course of this research, the proposed technique predicted the results with accuracy from 68 to 84 Percent.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.461/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FORCE FEEDBACK DEVICE AND METHOD FOR CATHETERS

(51) International classification	:A61B 5/042
(31) Priority Document No	:13/795047
(32) Priority Date	:12/03/2013
(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)DROR SHLOMO LEVY
3)MEIR BAR-TAL
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5)NATAN SHARON KATZ

(57) Abstract :
An ablation apparatus includes a flexible probe adapted for 5 insertion into a heart of a living subject. The probe has a distally disposed ablation electrode to be brought into contact with a target tissue in the heart, and has facilities for mea suring contact force with the target tissue. The apparatus in cludes a transmitter, operative to transmit an indication of the contact force to a wearable device having an actuator oper ative to haptically stimulate the operator responsively to the indication.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2245/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :07/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONTROL DEVICE OF HYBRID VEHICLE

(51) International classification	:F02D45/00
(31) Priority Document No	:2013-166378
(32) Priority Date	:09/08/2013
(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)YANO, Kazunari

(57) Abstract :
There is provided a control device of a hybrid vehicle. An electric motor is mechanically connected to an internal combustion engine and is capable of generating electricity by the internal combustion engine. A starting and stopping determination unit is configured to start the internal combustion engine when an output request value of a driver is equal to or greater than a starting determination value and configured to stop the internal combustion engine when the output request value of the driver is equal to or less than a stopping determination value, the hybrid vehicle being capable of traveling by a driving force generated at least by the electric motor. A determination value correction unit corrects, when starting of the internal combustion engine is determined by the starting and stopping determination unit, the stopping determination value of the internal combustion engine to a constant value which is less than the stopping determination value before the starting is determined until a first predetermined time elapses and corrects, when stopping of the internal combustion engine is determined by the starting and stopping determination unit, the starting determination value of the internal combustion engine to a constant value which is greater than the starting determination value before the stopping is determined until a second predetermined time elapses.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2013
(21) Application No.3636/DEL/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METERED DOSE CONTAINER

(51) International classification :B65D
(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)AMIT SABHARWAL
2)SUKHDEV SINGH SAINI

(57) Abstract :
Aspects of the present invention are directed to a metered dose container. The container may comprise a body; a first barrier in contact with a base of the container and extending partially along the vertical axis of the body; a second barrier in contact with a top of the container and extending partially along with vertical axis of the body. The space between the first barrier and the second barrier defines a loading chamber, the space between the second barrier and a front wall of the container defines a dispensing chamber, and the space between a rear wall of the container and the first barrier defines a storage chamber. The base also comprises a depressible portion that can convert the container from a transit mode ,. . to a dispensing mode.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.468/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : PZT - BASED FERROELECTRIC THIN FILM AND METHOD OF FORMING THE SAME

(51) International classification	:B05D 1/38
(31) Priority Document No	:2013-073150
(32) Priority Date	:29/03/2013
(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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1)DOI, TOSHIHIRO
2)SAKURAI,HIDEAKI
3)SOYAMA, NOBUYUKI
4)NOGUCHI, TAKASHI

(57) Abstract :
A PZT-based ferroelectric thin film is formed by coating a PZT-based ferroelectric thin film-forming composition on a lower electrode of a substrate one or two or more times, pre-baking the composition, and baking the composition to be crystallized, and this thin film includes PZT-based particles having an average particle size in a range 10 of 500 nm to 3000 nm when measured on a surface of the thin film, in which heterogeneous fine particles having an average particle size of 20 nm or less, which are different from the PZT-based particles, are precipitated on a part or all of the grain boundaries on the surface of the thin film.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.516/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :25/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRONIC CONTROL UNIT FOR VEHICLE AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:G06F 7/00	(71)**Name of Applicant :**
(31) Priority Document No	:2013-40702	**1)DENSO CORPORATION**
(32) Priority Date	:01/03/2013	Address of Applicant :1-1 SHOWA-CHO, KARIYA-CITY, AICHI-PREF., 448-8661, JAPAN
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)MASAHIRO NIWA**
Filing Date	:NA	**2)YASUTOSHI KATOH**
(87) 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 :
An electronic control unit includes a circuit substrate (1), a transmission member (3), a fastening member (4), a first connector (5), and a resin sealing member (2). The circuit substrate (1) has a substrate member (11) and a behavior detecting sensor (12). 5 The transmission member (3) transmits a behavior of a vehicle to the circuit substrate (1). The fastening member (4) abuts on the circuit substrate (1) and the transmission member (3) to fasten the circuit substrate (1) to the transmission member (3). The first connector (5) has an opening part (5a) into which the second connector (6) is inserted. The resin sealing member (2) contacts and covers at least a part of the circuit substrate (1), the 10 transmission member (3), the fastening member (4), awrfthe first connector (5). The resin sealing member (2) is made of a foamed resin, and has an eaves portion (22) which is seamlessly bonded to the resin sealing member (2) by the foamed resin and extends from the resin sealing member (2) so as to cover the opening part (5a) of the first connector (5) from the upper side of the opening part.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.220/DEL/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : USE OF MOULDING COMPOSITIONS

(51) International classification :C22C
(31) Priority Document No :11152464.1
(32) Priority Date :28/01/2011
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)DETLEV JOACHIMI

(57) Abstract :
The present invention relates to the use of moulding compositions comprising A) at least one polyamide and/or copolyamide, B) at least one copolymer comprising at least one olefin and at least one acrylate of an aliphatic alcohol, C) at least one di- or polyfunctional additive which has branching or chain-extending effect, D) at least one impact modifier differing from components B) and C), and optionally also E) other additives differing from the abovementioned components, to produce products, components, mouldings, moulded parts or semifinished products with increased resistance to crankcase gases and/or constituents of these, and also to a process for improving products, mouldings, components or moulded parts in motor vehicles, preferably in internal combustion engines of these, in respect of their resistance to crankcase gases, by using the said moulding compositions to produce the said products.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.409/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PLANAR COMPOSITE HAVING LAYERS OF PLASTIC OF DIFFERENT DAMPING PROPERTIES

(51) International classification :B32B27/32,C08L23/04
(31) Priority Document No :10 2012 014 261.7
(32) Priority Date :19/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/002144
Filing Date :18/07/2013
(87) International Publication No :WO 2014/023393
(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)DUISKEN Mike
2)BOTHOR Roland

(57) Abstract :
The present invention relates generally to a planar composite comprising as a layer sequence: i. a first PE blend layer; ii. a carrier layer; iii. a barrier layer; iv. a further PE blend layer; wherein the first PE blend layer or the further PE blend layer in each case comprises in a range of from 10 to 50 wt.% in each case based on the blend a first LDPEa; a further LDPEt to the extent of at least 50 wt.% in each case based on the blend. The present invention furthermore relates to a process for the production of the planar composite a container which surrounds an interior and comprises at least one such planar composite and a process for the production of this container which comprises the steps of provision of the planar composite of the above mentioned layer construction folding joining and optionally filling and closing of the container obtained in this way.

No. of Pages : 61 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2015
(21) Application No.424/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INPUT APPARATUS DISPLAY APPARATUS CONTROL METHOD THEREOF AND DISPLAY SYSTEM

(51) International classification :G06F3/01,G06F3/14,G06F3/048
(31) Priority Document No :1020120065397
(32) Priority Date :19/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/004448
Filing Date :21/05/2013
(87) International Publication No:WO 2013/191382
(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)KWON Yong hwan

(57) Abstract :
An input apparatus a display apparatus a control method thereof and a display system are provided. The input apparatus includes: a communication unit which communicates with the display apparatus; a touch sensor which senses a touch input; a motion sensor which senses a motion of the input apparatus; and a controller which determines whether a value of a touch input that sensed by the touch sensor when the input apparatus operates in a gesture mode according to the motion of the input apparatus is greater than or equal to a first reference value and changes an input mode of the input apparatus to a touch mode if it is determined that the value of the touch input greater than or equal to the first reference value.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.517/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :25/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRONIC CONTROL UNIT FOR VEHICLE

(51) International classification	:B60W 50/00
(31) Priority Document No	:2013-40713
(32) Priority Date	:01/03/2013
(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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(57) Abstract :
According to the present disclosure, an electronic control unit includes a circuit substrate (1), a resin sealing member (2), a transmission member (3), and a fastening member (4). The circuit substrate (1) includes a substrate member (11) having a fastening 5 part (111) fastening to an object to be fastened, and a behavior detecting sensor (12). The resin seal member (2) contacts and covers the circuit substrate (1) except for the fastening part (111), so as to expose the fastening part (111) from the resin seal member (2). The transmission member (3) has a fixing portion (31) to be fixed to the vehicle, a substrate fastening portion (32) abutting on the fastening part (111), and a main body portion (30) 10 connected to the fixing portion (31) and the fastening portion (32) to transmit the behavior of the vehicle to the circuit substrate (1). The fastening member (4) abuts on the fastening part (111) to fasten the circuit substrate (1) to the transmission member (3). The transmission member (3) is provided with a waterproof rib (35) disposed to sun-ound a predetermined area of the resin sealing member (2). The waterproof rib (35) extends from 15 an opposite surface (30a) of the main body portion opposite to the resin sealing member (2), so as to press and contact the resin sealing member (2).

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1894/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :08/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HYDRAULIC PRESSURE EXCHANGER

(51) International classification :F01B3/00
(31) Priority Document No :13180505.3
(32) Priority Date :15/08/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)SIGURDSSON, Haraldur

(57) Abstract :
A hydraulic machine (1) comprising a drum (2) rotatable around a rotational axis (3), a motor connection for driving said drum (2), a first front plate arrangement (5) at a first front face of said drum (2), a second front plate arrangement (5) at a second front face of said drum (2), said drum (2) comprising a plurality of cylinders (4), said first front plate arrangement (5) comprising a first front plate (7), a pressure shoe (8), and first sealing means (9), said first front plate (7) comprising at least a high pressure supply port (10). Such a pressure exchanger should have a simple construction. To this end, said pressure shoe (8) comprises at least a high pressure channel (17) connected to said high pressure supply port (10) and an outer pressure area (18) loaded by a pressure in said high pressure supply port (10) in a direction towards said drum (2), said outer pressure area (18) being larger than an inner pressure area (19) on a side of said pressure shoe (8) facing said drum (2).

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.335/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :05/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM FOR DIGITAL BONUS POINT MANAGEMENT

(51) International classification :G06Q 30/02
(31) Priority Document No :13001207.3
(32) Priority Date :11/03/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)AUREL BORDEWIECK

(57) Abstract :
A system for managing an account includes a tag element (100) representing a value, a 5 mobile device (102) adapted to determine the value when being located in proximity of the tag element (loo), and adapted to access a network, and a server (104) adapted to communicate with the mobile device (102) via the network and adapted to access to a database (106), the database (106) being adapted to store the account, the account being related to the mobile device (102) and to the tag element (100); wherein the mobile device 10 (102) is further adapted to communicate the determined value to the server (104), and wherein the server (104) is further adapted to add the communicated value to the account.

No. of Pages : 49 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.398/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : SAFETY DEVICE FOR VEHICLE DOOR HANDLE

(51) International classification :E05B7/00,E05B15/04
(31) Priority Document No :12425126.5
(32) Priority Date :18/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065251
Filing Date :18/07/2013
(87) International Publication No :WO 2014/013040
(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)GIACCONE Vittorio

(57) Abstract :
The present invention relates to an inertial system for a vehicle door handle (1) comprising : an inertial mass (21) driven by inertia from a rest position in which the opening of the door is authorized to a blocking position in which the opening of the door is blocked blocking means (25) configured to prevent opening of the door when the inertial mass (21) is in blocking position elastic means (17) being in a minimal tensile stress state when the inertial mass (21) is in rest position and configured to apply a force or torque on the inertial mass (21) to bring said inertial mass from the blocking position back in rest position wherein it further comprises a preloading organ (37) intended to cooperate with the elastic means (17) and configured so that it comprises at least two possible preloading states enabling the elastic means (17) to have different minimal tensile stress states. The invention also relates to the associated vehicle door handle and method to assemble the door handle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2014
(21) Application No.534/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRICAL PLUG FOR UK ADAPTER

(51) International classification :B26D
(31) Priority Document No :1322257.5
(32) Priority Date :17/12/2013
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) 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)HUNTER , Siu

(57) Abstract :
The invention is proposed an electrical plug, which characterizes in that the electrical plug comprising a plug body, a limit stop component, a removable guide pin, a cover and a fixture. The plug body includes a first conductive blade and a second conductive blade. The removable ground pin includes a sliding blade and a ground pin blade, wherein the sliding blade is configured on the limit stop component. The cover includes a channel positioned to receive the sliding blade for enabling the removable ground pin to be positioned in a first position or a second position. The removable ground pin is selectively manually movable back and forth in the channel between the first position and the second position.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.389/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTEGRATED INTERACTIVE SYSTEM AND METHOD FOR VISUALIZING HUMAN PHYSIOLOGY DISEASE TREATMENT OPTIONS AND USE

(51) International classification :G06F19/00,G09B23/28
(31) Priority Document No :13/525499
(32) Priority Date :18/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/022050
Filing Date :18/01/2013
(87) International Publication No :WO 2013/191735
(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)RATH Matthias

(57) Abstract :
A novel integrated system and method for visualizing human physiology disease and treatment options are described in the instant application. The graphical rendering of the human body is in depth and the user can explore the internal workings of the organs and cells by simply performing a pealing like act using a cursor and the layer as a flap opens up to show the details. A user can click on a specific topic and watch a video narration or text relevant to the topic of choice. The integrated system provides storage of curated data social media access and interaction database storage and analytics to calculate user behavior. This technology may used as an application on any mobile and hardware device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.416/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

(51) International classification :F02B39/00,F02B39/14,F02B37/00
(31) Priority Document No :102012012571.2
(32) Priority Date :25/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/US2013/046755
Filing Date :20/06/2013
(87) International Publication No :WO 2014/004245
(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)ZEPPEI Dieter

(57) Abstract :
The invention relates to an exhaust gas turbocharger (1) comprising a bearing housing (2) a bearing cartridge (3) which is inserted into the bearing housing (2) and which has an outer ring (8) and an inner ring (9) which is mounted so as to be rotatable relative to the outer ring (8) a shaft (5) which is inserted into the inner ring (9) and which extends in an axial direction a turbine wheel (6) which is arranged on the shaft (5) and a compressor wheel (7) which is arranged on the shaft (5) wherein the inner ring (9) protrudes beyond the outer ring (8) in the axial direction and an oil centrifuge disk (12,15) is arranged on the protruding part (11,14) of the inner ring (9).

No. of Pages : 12 No. of Claims : 9

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

(21) Application No.432/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SMOKING ARTICLE FOR USE WITH AN INTERNAL HEATING ELEMENT

(51) International classification :A24F47/00
(31) Priority Document No :12173054.3
(32) Priority Date :21/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/062869
Filing Date :20/06/2013
(87) International Publication No :WO 2013/190036
(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)BADERTSCHER Thomas

(57) Abstract :
A smoking article (10) for use in an aerosol generating device comprises an aerosol forming substrate (20) located at an extreme upstream end (80) of the smoking article; and a support element (30) located immediately downstream of the aerosol forming substrate (20). The support element (30) abuts the aerosol forming substrate (20) and the aerosol forming substrate (20) is configured to be penetrable by a heating element of an aerosol generating device having a diameter of between about 40 percent and about 70 percent of the diameter of the aerosol forming substrate without substantial deformation of the smoking article. The support element is configured to resist downstream movement of the aerosol forming substrate during insertion of the heating element of the aerosol generating device into the aerosol forming substrate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014
(21) Application No.570/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SECONDARY BATTERY

(51) International classification :H01R
(31) Priority Document No :61/826,444
(32) Priority Date :22/05/2013
(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 :**
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(72)**Name of Inventor :**
1)MIN-HYUNG GUEN

(57) Abstract :
A secondary battery includes an electrode assembly; a case accommodating the electrode assembly; a cap plate sealing the electrode assembly within the case; a terminal plate on the cap plate and electrically connected to the electrode assembly; and an insulation member between and contacting the cap plate and the terminal plate, wherein the insulation member has a peripheral flange that extends away from the terminal plate.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.65/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :09/01/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD OF ANALYZING A SAMPLE AND CHARGED PARTICLE BEAM DEVICE FOR ANALYZING A SAMPLE

(51) International classification :H01J 37/26
(31) Priority Document No :13151344.2
(32) Priority Date :15/01/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)EDWARD HILL
2)STEWART BEAN

(57) Abstract :
THE INVENTION REFERS TO A METHOD AND A CHARGED PARTICLE BEAM DEVICE (I) FOR ANALYZING AN OBJECT (24) USING A CHARGED PARTICLE BEAM INTERACTING WITH THE OBJECT 5 (24). THE OBJECT (24) COMPRISES A SAMPLE (15A) EMBEDDED IN A RESIN (15B). LNTERACTION RADIATION IN THE FORM OF CATHODOLUMINESCENCE LIGHT IS DETECTED FOR IDENTIFYING AREAS IN WHICH THE RESIN (15B) IS ARRANGED AND IN WHICH THE SAMPLE (15A) IS ARRANGED. LNTERACTION PARTICLES ARE DETECTED TO IDENTIFY PARTICLES WITHIN THE RESIN (15B) AND THE SAMPLE (15A) FOR FURTHER ANALYSIS BY USING EDX ANALYSIS.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2196/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VIBRATION-DAMPING MATERIAL

(51) International classification	:G10K11/16
(31) Priority Document No	:2013-166082
(32) Priority Date	:09/08/2013
(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)Shinichi TANIGUCHI

(57) Abstract :
To provide a vibration-damping material that has excellent pressure-sensitive adhesive properties at a normal temperature and in which the vibration-damping properties in a wide range of temperature from a normal temperature to a high temperature are further more improved. [SOLUTION MEANS] A vibration-damping material 1 includes a resin layer 2 and a constraining layer 3 laminated on the resin layer 2. The resin layer 2 is formed from a resin composition containing a butyl rubber and a softener, the softener has a weight average molecular weight of 1500 or more, and the content ratio of the softener with respect to 100 parts by mass of the butyl rubber is 30 to 90 parts by mass.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.415/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FLUID FRICTION CLUTCH

(51) International classification :F16D35/00,F16D35/02
(31) Priority Document No :12004767.5
(32) Priority Date :26/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/047238
Filing Date :24/06/2013
(87) International Publication No :WO 2014/004338
(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 :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.
(72)**Name of Inventor :**
1)BUCHHOLZ Thomas
2)GERBER Frank

(57) Abstract :
The invention relates to a fluid friction clutch (1) having a housing (2,3) and a clutch disk (4) which is rotatable relative to the housing (2, 3) and which is rotatably arranged at one end (5) of a shaft (6) centrally supported inside the housing (2,3) having a working chamber (9) between the housing (2,3) and the clutch disk (4) having a storage chamber (10) for clutch fluid; and having a feed duct (11a,11b) which leads from the storage chamber (10) to the working chamber (9) characterized by a supply pump element (14) which is rotatable relative to the housing (2,3) and which is arranged rotationally fixed on the shaft (6) and which defines a shear gap (12) with the housing (2,3); and by a valve (17) which is arranged in the feed duct (11) characterized in that an operative element (7) is arranged on the housing (2,3).

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014
(21) Application No.445/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELEVATOR

(51) International classification :H01L
(31) Priority Document No :2013-046753
(32) Priority Date :08/03/2013
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAYANO TOMIO
2)FUKUYA TSUYOSHI
3)KATO HISATAKA
4)MIYOSHI KAN

(57) Abstract :
The elevator includes a cage and a counterweight and moves up and down in a well bucket manner, in which a buffer is located under the counterweight, a single or a plurality of adjuster blocks as Hshaped members are attached to the bottom of the counterweight, the bottom being vertically above the buffer, and each of the adjuster block has a connecting portion and a distance adjusting portion and is attached detachably through the connecting portion. Thus, it is possible to provide a counterweight having adjuster blocks which are sufficiently strong, though being inexpensive and structurally simple and can be manufactured more easily.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.445/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : COMPOSITIONS FOR CONTAINERS AND OTHER ARTICLES AND METHODS OF USING SAME

(51) International classification :C09D171/00,C09D163/02,B05D7/14
(31) Priority Document No :61/681434
(32) Priority Date :09/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054132
Filing Date :08/08/2013
(87) International Publication No :WO 2014/025997
(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)NIEDERST Jeffrey
2)EVANS Richard H.
3)OBRIEN Robert M.
4)ROMAGNOLI Kevin
5)VON MAIER Mark S.

(57) Abstract :
This invention provides a polymer which is preferably a polyether polymer. The polymer may be uses in coating compositions. Containers and other articles comprising the polymer and methods of making such containers and other articles are also provided. The invention further provides compositions including the polymer (e.g. powder coatings) which have utility in a variety of coating end uses including for example valve and pipe coatings.

No. of Pages : 68 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.686/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS FOR DEVELOPMENT OF MONITORING TOOLS

(51) International classification :G06F 9/44
(31) Priority Document No :0912844.8
(32) Priority Date :24/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/059448
Filing Date :02/07/2010
(87) International Publication No :WO 2010/009703
(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)JOHN PETER COLLINSON

(57) Abstract :
A process for creation of an equipment health monitoring (EHM) tool, comprising defining functional requirements for a proposed EHM tool in a structured hierarchical format. The functional requirements definition is used to generate an outline model for a plurality of functions of the proposed EHM tool according to a model template, wherein the outline model is captured as one or more graphical representations. Each graphical representation includes at least one component representative of a defined EHM functional requirement. Source code for the proposed EHM tool is automatically generated based upon the graphically represented model and then compiled to create a deployable EHM tool from the source code by applying a compilation strategy dependent on an intended mode of operation for said EHM tool. An EHM generation tool and associated data carrier are also recited.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.434/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :19/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : BAKED CHOCOLATE AND METHOD FOR PRODUCING SAME

(51) International classification :A23G1/00,A23G1/30
(31) Priority Document No :2012141698
(32) Priority Date :25/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066643
Filing Date :18/06/2013
(87) International Publication No :WO 2014/002817
(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)HE Mogeng
2)ODA Yoshiki
3)YAMAWAKI Yoshio

(57) Abstract :
The present invention addresses the problem of providing a baked chocolate which contains a definite amount of a tempered fat or oil and has a good taste and high meltability in mouth and at the same time the blooming of which is suppressed and a method for producing the same. Provided is a baked chocolate that is obtained by preparing a chocolate dough for baking said chocolate dough containing 13 22 wt% of SOS type triglycerides and 7 20 wt% of an oil that is liquid at room temperature and SFC of fats and oils in said chocolate being 40 65% at 10C 20 50% at 20C 10 40% at 25C and 1 8% at 30C and then baking the chocolate dough.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014
(21) Application No.480/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DUCTLESS LABORATORY HOOD APPARATUS

(51) International classification	:B01D 46/00
(31) Priority Document No	:13/833,412
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KURT P. RINDOKS

(57) Abstract :
A ductless laboratory hood apparatus includes a housing defining an interior work chamber, a filtration chamber, an access window opening into the work chamber from an ambient laboratory environment, and an exhaust outlet opening from the filtration chamber into the laboratory environment, a filter system disposed between the work and filtration chambers, and an air circulation system for creating and directing an airstream to flow from the laboratory environment through the access window, the work chamber, the filter system, the filtration chamber, and the exhaust outlet to return into the laboratory environment. The filter system has both a main filter whose constituent material is highly efficient but is also degradable if exposed directly to laboratory processes, and an attenuation filter disposed between the work chamber and the main filter to intercept and attenuate laboratory processes that potentially degrade the main filter, thereby preventing degradation of the main filter.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.556/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :27/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : IC CARD AND PORTABLE ELECTRONIC DEVICE

(51) International classification	:G08C 19/00
(31) Priority Document No	:2013-058912
(32) Priority Date	:21/03/2013
(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)KEI SUGIBUCHI

(57) Abstract :
According to one embodiment, a portable electronic device 5 includes a communication section, a storage section, a processing section, and a first transmission section. The communication section transmits/receives data to/from an external device. The storage section stores therein an application configured to create a proactive command. When 10 executing a command from the external device, the processing section creates a proactive command including information indicating the application by executing the application stored in the storage section. The first transmission section transmits the proactive command 15 created by the processing section to the external device through the communication section.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.689/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATICALLY RESTORING NODE RESOURCE STATE IN WSON SYSTEM

(51) International classification :H04L 12/24
(31) Priority Document No :200910151506.1
(32) Priority Date :29/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071830
Filing Date :16/04/2010
(87) International Publication No :WO 2010/145283
(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)JING WANG

(57) Abstract :
The present invention provides a method and apparatus for automatically restoring node resource state in the Dense Wavelength Division Multiplexing Based Automatic Switched Optical Network (WSON) system. This method comprises the following steps: using each node in the WSON system as an initiation node and notifying the resource state of the initiation node to a neighboring node; the neighboring node comparing the received resource state of the initiation node with the resource state of the present end; and under the condition that the resource state of the initiation node and that of the neighboring node are inconsistent, according to the actual resource state, determining one of the initiation node and the neighboring node to be the node whose resource is occupied, and automatically releasing the resource of the node. The present invention also provides an apparatus for automatically restoring node resource state in the WSON system. The present invention can effectively detect the problem of inconsistent wavelength resource in the WSON system caused by abnormal status, and can automatically correct the resource state information, release the link bandwidth resource occupied incorrectly, at the same time enhance the fault-tolerant capability and the stability of the WSON system.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.202/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : SHEAR BLADE GEOMETRY AND METHOD

(51) International classification :B23
(31) Priority Document No :13/019421
(32) Priority Date :02/02/2011
(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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1)HALL, CHRISTOPHER ANDREW
2)YADAV, SEEMANT
3)JUDGE, ROBERT ARNOLD

(57) Abstract :
A pair of shear blades and a blowout preventer having the pair of shear blades. The shear blades are configured to cut a tubular Inside the blowout preventer. The shear blades have different geometries of the front cutting surfaces. One geometry promotes a secure positioning of the tubular relative to the first blade while the second geometry promotes a puncturing of the tubular by the second blade.

No. of Pages : 36 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(21) Application No.209/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : ANTENNA ARRAY

(51) International classification :H04N
(31) Priority Document No :11 000 921.4
(32) Priority Date :04/02/2011
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)SABIELNY, MICHAEL

(57) Abstract :
The invention relates to an antenna array, comprising - an antenna baseplate (P) having a plurality of antenna elements (SE) which are arranged in a regular grid, and - a dielectric WAIM layer (W; WAIM: Wide Angle Impedance Match) which is arranged in front of the antenna elements (SE). for impedance matching for large skew angles, wherein the WAIM layer (W) is a monolithic layer which covers all the antenna elements (SE) and spacers (A) are machined out of its material in a regular grid, with the grid of the spacers (A) corresponding to the grid of the antenna elements (SE),

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.393/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : POLYISOBUTYLENE BASED POLYURETHANES CONTAINING ORGANICALLY MODIFIED MONTMORILLONITE

(51) International classification :C08K3/34,C08K9/00,C08K9/04
(31) Priority Document No :61/674593
(32) Priority Date :23/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2013/051634
Filing Date :23/07/2013
(87) International Publication No :WO 2014/018509
(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)KENNEDY Joseph
2)NUGAY Nihan
3)NUGAY Turgut

(57) Abstract :
The present invention generally relates to polyisobutylene based polyurethanes polyureas and/or polyurethane polyureas and to a process for making such compounds. In one embodiment the polyisobutylene based polyurethanes polyureas and/or polyurethane polyureas also include at least one flexible hydrogen bond acceptor chain extender (HACE). In another embodiment amine telechelic and hydroxyl telechelic polyisobutylenes are utilized with at least one at least one flexible hydrogen bond acceptor chain extender (HACE) to produce polyurethane polyureas having various desired mechanical properties in combination with various desired oxidative/hydrolytic stability.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.420/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD AND A SERVER FOR ROUTING BETWEEN DEVICES OF A COMPUTER BASED SOCIAL NETWORK

(51) International classification :G06F15/16
(31) Priority Document No :13/571967
(32) Priority Date :10/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053932
Filing Date :07/08/2013
(87) International Publication No :WO 2014/025874
(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)STECK Harald
2)YANG Xiwang
3)LIU Yong

(57) Abstract :
The invention concerns a method and a server for routing between devices of a computer based social network having a plurality of users wherein upon receipt of a first message from a device (110) associated with a user (ul) a second message is sent to another device (104, 110) wherein the other device (104,110) is selected from a plurality of predetermined devices depending on the result of an evaluation of at least 1 trust value (S (c ul; uM)) associated with the user (ul) a category (c) of content of the computer based social network and another user (uM) of the computer based social network.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.466/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR IMPLANTING A SECONDARY GLENOID PROSTHESIS

(51) International classification :A61F 2/40
(31) Priority Document No :13/796,793
(32) Priority Date :12/03/2013
(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 :**
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(72)**Name of Inventor :**
1)JASON M. CHAVARRIA
2)KYLE E. LAPPIN
3)MATTHEW G. HOLDA

(57) Abstract :
A method of implanting a shoulder prosthesis in a scapula of a patient includes the step of placing a guide over a primary glenoid component previously implanted within the scapula of the patient. The method further includes the steps of removing the primary glenoid component from the scapula and preparing the scapula for implantation of a secondary glenoid component, wherein the removing and preparing steps occur simultaneously.

No. of Pages : 33 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.690/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUSION FORMABLE SILICA AND SODIUM CONTATING GLASSES

(51) International classification :C03C 3/085
(31) Priority Document No :61/228,290
(32) Priority Date :24/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043027
Filing Date :23/07/2010
(87) International Publication No :WO 2011/011667
(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)JAMES EDWARD DICKINSON JR.
3)TIMOTHY J KICZENSKI
4)NA

(57) Abstract :
Sodium containing aluminosilicate and boroaluminosilicate glasses are described herein. The glasses can be used as substrates or superstrates for photovoltaic devices, for example, thin film photovoltaic devices such as CIGS photovoltaic devices. These glasses can be characterized as having strain points ≥ 535°C, for example, ≥ 570°C, thermal expansion coefficients of from 8 to 9 ppm/°C, as well as liquidus viscosities in excess of 50,000 poise. As such they are ideally suited for being formed into sheet by the fusion process.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1899/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :08/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : MONITORING AND MEASURING OF MULTIPLE LIGHT SOURCES, ESPECIALLY HELIOSTATS

(51) International classification :F24J2/38
(31) Priority Document No :2013902542
(32) Priority Date :10/07/2013
(33) Name of priority country :Australia
(86) International Application No :NA
Filing Date :NA
(87) 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)BURTON, ALEXANDER

(57) Abstract :
Described herein are methods and apparatus for monitoring and measuring multiple lights sources such as heliostats. One embodiment provides an apparatus for monitoring and/or measuring multiple directional light sources, each directing light as a beam of limited solid angle. The apparatus comprises a distribution of light responsive pixels defined by individual or multiple photodiodes. The apparatus also comprises an optical arrangement including multiple apertures distributed over an area on which at least 50% of the light beam from each light source impinges, wherein the apertures are arranged to direct light from the multiple directional light sources to different respective subsets of the pixels. The aperture arrangement and pixels are sized and located so that the subsets are sufficiently distinguishable to permit simultaneous monitoring and/or measuring of the directional light sources.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.405/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWDER DISPERSION DEVICES AND METHODS

(51) International classification :A61M15/06,B65D83/06
(31) Priority Document No :61/664013
(32) Priority Date :25/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046795
Filing Date :20/06/2013
(87) International Publication No :WO 2014/004256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RESPIRA THERAPEUTICS INC.
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(72)**Name of Inventor :**
1)DONOVAN Martin J.

(57) Abstract :
A dry powder inhaler may include a powder storage an inlet channel a dispersion chamber and an outlet channel. A geometry of the inhaler may be such that a flow profile is generated within the dispersion chamber that causes an actuator to oscillate enabling the actuator when oscillating to deaggregate powdered medicament within the dispersion chamber to be aerosolized and entrained by the air and delivered to a patient through the outlet channel.

No. of Pages : 86 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.435/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NEW FAT BLEND COMPOSITION

(51) International classification :A23D7/00
(31) Priority Document No :12179149.5
(32) Priority Date :03/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/066198
Filing Date :01/08/2013
(87) International Publication No :WO 2014/020114
(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 :Vaci ut 33 1134 Budapest Hungary
(72)**Name of Inventor :**
1)PIISPA Eija
2)KARLOVITS Gyorgy

(57) Abstract :
A new fat blend composition allowing the preparation of a fat spread composition lowering the cholesterol level in human beings said fat blend comprising 20% or less of saturated fatty acids among which: 38% or less are palmitic acid (C16:0); and 20% or more of stearic acid (C18:0); said fat blend being made at 5% to 100% of a hardstock containing from 5% to 100% of one or further hard fat and at least 5% of stearic acid. A new hardstock composition comprising: from 20% to 100 % of one or further hard fat chosen as being a fully hydrogenated oil a fractionated oil or fat and/or an interesterified oil or fat containing more than 15% of stearic acid; and from 0% to 80% of one or further natural or fractionated oil or fat chosen among 1 canola oil sunflower oil low erucic acid rapeseed oil high oleic sunflower oil soybean oil corn oil peanut oil olive oil high oleic canola oil low linolenic soybean oil high stearic sunflower oil shea butter cocoa butter and coconut fat said natural or fractionated oil or fat being mixed and/or interesterified with the hard fat; said hardstock being free of palm oil and its fractions.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(21) Application No.691/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTI-TARGET DATA PROCESSING FOR MULTI-STATIC AND MULTI-CHANNEL PASSIVE RADARS

(51) International classification :H04N
(31) Priority Document No :0803882
(32) Priority Date :08/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2009/058769
Filing Date :09/07/2009
(87) International Publication No :WO 2010/003453
(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)EMMANUEL DE GRAMONT
3)WILFRIED GREVERIE
4)JEAN-CLAUDE DELTOUR
5)MATHIEU KLEIN

(57) Abstract :
The present invention relates to the general field of radar tracking applied to multi-static radar systems. It consists of a method for coherently merging the individual tracks generated from the various bistatic bases that make up the system so as to generate and maintain global tracks so that an object detected by a single bistatic base is represented by the corresponding track and an object detected by a number of bistatic bases and giving rise to the creation of a number of individual tracks is represented only by a single global track. The merging of an individual track with a global track or that of two individual tracks to form a global track is based on the estimation of a statistical distance y separating a global track i and an individual track j of a bistatic base b, the calculation of y being performed on the basis of the bistatic distance, bistatic speed and azimuth components deriving from the association-candidate individual track and the projection y of the state x of the global track in the bistatic base of the candidate individual track.

No. of Pages : 53 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.204/DEL/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PHOTOVOLTAIC DEVICE

(51) International classification :G05G
(31) Priority Document No :13/018650
(32) Priority Date :01/02/2011
(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 :**
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(72)**Name of Inventor :**
1)KOREVAAR BASTIAAN ARIE
2)BRAY JAMES WILLIAM

(57) Abstract :
In one aspect of the present invention, a photovoltaic device is provided. The photovoltaic device includes a first semiconductor layer; a p+-type semiconductor layer; and an interlayer interposed between the first semiconductor layer and the p+-type semiconductor layer, wherein the interlayer includes magnesium and tellurium.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2250/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :07/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VEHICLE BODY FRAME OF MOTORCYCLE

(51) International classification :B62K11/04
(31) Priority Document No :2013-181589
(32) Priority Date :02/09/2013
(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 :**
1)Suzuki Motor Corporation
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(72)**Name of Inventor :**
1)YOSHIDA, Takeshi

(57) Abstract :
In a structure in which right and left side frames are coupled to a rear end portion of a main frame, a bracket is joined to upper parts of the side frames and the rear end portion of the main frame. The bracket has right and left engine mounting parts suspended downward and frontward from lower surfaces of the upper parts of the side frames, and a plate-like coupling member coupling upper edges of the right and left engine mounting parts.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014
(21) Application No.438/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DIRECTION CONTROLLED SERVICE APPARATUS

(51) International classification :h04m
(31) Priority Document No :13/863,360
(32) Priority Date :15/04/2013
(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 :**
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(72)**Name of Inventor :**
1)DOUGLAS A. BROWN
2)KWUN-WING W. CHEUNG

(57) Abstract :
A direction controlled service apparatus may include a mounting assembly, a housing assembly configured to operably connect to the mounting assembly, the housing assembly being movable with respect to the mounting assembly, and a plurality of actuators connected between the mounting assembly and the housing assembly, each actuator of the plurality of actuators being configured to contract upon a current being applied to the actuator to rotate the housing assembly with respect to the mounting assembly.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.438/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS OF TREATING OR PREVENTING PERIODONTITIS AND DISEASES ASSOCIATED WITH PERIODONTITIS

(51) International classification :A61K39/395,A61P1/02
(31) Priority Document No :61/662022
(32) Priority Date :20/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046599
Filing Date :19/06/2013
(87) International Publication No :WO 2013/192319
(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)UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION INC
(72)**Name of Inventor :**
1)LAMBRIS John D.
2)HAJISHENGALLIS George

(57) Abstract :
The present disclosure describes methods for preventing or treating periodontitis or diseases associated with periodontitis. The present disclosure also describes methods of screening for compounds that can be used to prevent or treat periodontitis or diseases associated with periodontitis.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.469/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : PZT-BASED FERROELECTRIC THIN FILM-FORMING COMPOSITION, METHOD OF PREPARING THE SAME, AND METHOD OF FORMING PZT-BASED FERROELECTRIC THIN FILM USING THE SAME

(51) International classification	:B05D 3/02
(31) Priority Document No	:2013-061938
(32) Priority Date	:25/03/2013
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOI, TOSHIHIRO
2)SAKURAI, HIDEAKI
3)SOYAMA, NOBUYUKI

(57) Abstract :
This PZT-based ferroelectric thin film-forming composition comprises: a PZT precursor; a diol; one of polyvinyl pyrrolidones and a polyethylene glycol; water; and a linear monoalcohol having 6 to 12 carbon chains. In this composition, a concentration of the PZT precursor in 100 wt% of the composition is 17 wt% to 35 wt% in terms of S 10 oxides, the ratio of the diol to 100 wt% of the composition is 16 wt% to 56 wt%, the ratio of the one of the polyvinyl pyrrolidones and the polyethylene glycol to 1 mol of the PZT precursor is 0.01 mol to 0.25 mol, the ratio of the water to I mol of the PZT precursor is 0.5 mol to 3 mol, and the ratio of the linear monoalcohol to 100 wt% of the composition is 0.6 wt% to lOwt%.

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.694/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PESTICIDAL CARBOXAMIDES

(51) International classification :C07D 215/48
(31) Priority Document No :2009-172800
(32) Priority Date :24/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/EP2010/004217
Filing Date :10/07/2010
(87) International Publication No :WO 2010/009540
(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)TAKUMA MORI
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5)YASUSHI YONETA
6)EICHI SHIMOJO
7)TERUYUKI ICHIHARA
8)MASASHI ATAKA
9)KATSUHIKO SHIBUYA
10)ULRICH GORGENS

(57) Abstract :
To provide novel carboxamides which exhibit an excellent pesticidal activity as pesticides. Carboxamides represented by the following Formula (I) and use thereof as pesticides and an animal parasite control agent: wherein each substituent is as defined in the specification.

No. of Pages : 204 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.467/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : LANIO3 THIN FILM-FORMING COMPOSITION AND METHOD OF FORMING LANIO3 THIN FILM USING THE SAME

(51) International classification	:H01B 1/08	(71)**Name of Applicant :**
(31) Priority Document No	:2013-061914	**1)MITSUBISHI MATERIALS CORPORATION**
(32) Priority Date	:25/03/2013	Address of Applicant :3-2, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)FUJII, JUN**
Filing Date	:NA	**2)SAKURAI, HIDEAKI**
(87) International Publication No	: NA	**3)SOYAMA, NOBUYUKI**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
This LaNiO3 thin film-forming composition includes: LaNiO3 precursors; and acetic acid, wherein a ratio of an amount of the LaNiO3 precursors to 100 mass% of an amount of the LaNiO3 thin film-forming composition is in a range of 1 mass% to 20 mass% in terms of oxides, and the composition further includes a stabilizer containing N-methyl formamide in an amount of more than 0 mol to 10 mol or less per I mol of the 10 total amount of the LaNiO3 precursors in the composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014
(21) Application No.483/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : OVERFLOW VALVE AND LOW PRESSURE FUEL PUMP COMPRISING THE SAME

(51) International classification :F02M 37/00
(31) Priority Document No :201310069097.7
(32) Priority Date :05/03/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JIN, XIN
2)ZHAO, WENBIN

(57) Abstract :
The present invention relates to an overflow valve and a lower pressure 5 pump comprising the same. An overflow valve of prior art is disadvantageous in that it cannot be opened quickly and avoid fuel leakage at the same time. The overflow valve in the invention comprises: a valve body, a valve element, an elastic element comprising first and second elastic parts in series, wherein the first elastic part is received in the first cavity part with a first pre-compressed amount; a 10 partition portion arranged between the first and second elastic parts; and a blocking portion provided on an inner wall of the valve body and adapted to be abutted against by the partition portion, wherein the second elastic part is restrained in the second cavity part with a second pre-compressed amount, and the second elastic part is subjected to a pre-compressed force higher than that of the first elastic part. The technical effect of the invention lies in that the overflow valve can be opened quickly when the fuel pressure reaches a predetermined value while avoiding the fuel leakage.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.692/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :11/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD OF ANOMALY DETECTION

(51) International classification	:G01S 13/00
(31) Priority Document No	:13/800,443
(32) Priority Date	:13/03/2013
(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)VIT LIBAL
3)VALERIE GURALNIK

(57) Abstract :
A method and apparatus wherein the method includes detecting a plurality of events within a security system, evaluating the events using one of a first expression defined by _(rQ)¦conf(f(r)-mrg(r)), a second expression defined by _(rR)¦|f(r)-mrg(r)|dr and a third expression defined by _(rR)¦conf(f(r)-mrg(r))dr, where r is a size of a neighborhood around a data point, f(r) is a Local Correlation Integral (LOCI) of r, mrg(r) is a margin of r, R is a predetermined set of intervals of neighborhood sizes, Q is a predetermined discrete set of neighborhood sizes and conf(d) is a non-linear confidence function being 0 for near distance to the data point and quickly approaching 1 for larger distances, comparing a value of the evaluated expression with a threshold value and setting an alarm upon detecting that the value exceeds the threshold value.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.692/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : N1-SULFONYL-5-FLUOROPYRIMIDINONE DERVATIVES

(51) International classification :C07D 339/02
(31) Priority Document No :61/232,204
(32) Priority Date :07/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/0044592
Filing Date :05/08/2010
(87) International Publication No :WO 2010/017547
(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)BETH LORSBACH
4)TOMOTHY MARTIN
5)W. OWEN
6)MARK POBANZ
7)SCOTT THORNBURGH
8)JEFFERY WEBSTER
9)CHENGLIN YAO

(57) Abstract :
This present disclosure is related to the field of N1-sulfonyl-5- fluoropyrimidinone and their derivatives and to the use of these compounds as fungicides.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.709/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MESOINIC PESTICIDES

(51) International classification :C07D 239/54
(31) Priority Document No :61/231,452
(32) Priority Date :05/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044264
Filing Date :03/08/2010
(87) International Publication No :WO 2011/017334
(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)HUGHES KENNETH ANDREW
4)LAHM GEORGE P.
5)PAHUTSKI THOMAS FRANCIS JR.
6)TONG MY-HANH THI
7)MCCANN STEPHEN FREDERICK

(57) Abstract :
Disclosed are compounds of Formula 1, N-oxides and salts thereof, wherein X is O or S; Y is O or S; Z is a direct bond, O, S(O)n, NR6, C(R7)20, OC(R7)2, EC(=X1); a is 1, 2 or 3; and R1ž R2ž R3ž R4ž R5až R5bž R6ž R7ž XI and E are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a compound or a composition of the invention.

No. of Pages : 192 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2014
(21) Application No.2258/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : TRANSMISSION FLUID COMPOSITIONS FOR IMPROVED ENERGY EFFICIENCY

(51) International classification :C10M159/20
(31) Priority Document No :13/967537
(32) Priority Date :15/08/2013
(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)JOE R. NOLES, JR.
3)RAYMOND F. WATTS

(57) Abstract :
Transmission fluid compositions are provided having improved power transmission properties through the presence therein of certain defined additives, which increase the energy efficiency of the transmission during operation. The invention further provides a process for the manufacture of such transmission fluid compositions, a method of improving the energy efficiency of a transmission, and an additive concentrate for a transmission fluid.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2860/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :03/04/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : VACCINE AGAINST CHOLERA AND ENTEROTOXIGENIC E. COLI (ETEC) DIARRHEA

(51) International classification :A61K 39/106
(31) Priority Document No :61/272,351
(32) Priority Date :16/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2010/050996
Filing Date :16/09/2010
(87) International Publication No :WO 2011/034495
(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)HOLMGREN, JAN
2)LEBENS, MICHAEL

(57) Abstract :
A vaccine against cholera and/or ETEC is provided, comprising a Vibrio cholerae O1 cell, characterized in that said cell comprises O1 antigens of both Ogawa and lnaba serotypes. Genetically modified Vibrio cholerae O1 cells for use in such vaccines, DNA-constructs for the modification, uses for the vaccine and methods of making a vaccine are also provided.

No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.395/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : THERMOPLASTIC ELASTOMER COMPOSITION AND PROCESS TO PRODUCE SAME

(51) International classification :C08L9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/043134
Filing Date :19/06/2012
(87) International Publication No :WO 2013/191685
(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)HARA Yuichi
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3)BLOK Edward J.
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(57) Abstract :
Disclosed herein is a thermoplastic elastomer composition having improved uv and processability comprising a post vulcanized dynamically vulcanized alloy (DVA) and a low molecular weight aromatic amine stabilizer wherein the DVA comprises an isobutylene elastomeric component dispersed as a domain in a continuous phase comprising at least one thermoplastic resin. A method to produce the thermoplastic elastomer composition is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.436/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BLADE ASSEMBLY AND METHOD OF MAKING CUT FOOD PRODUCTS

(51) International classification :A23L1/216
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/045058
Filing Date :29/06/2012
(87) International Publication No :WO 2014/003789
(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)RAWLINGS David M.
3)JACKO Michael S.
4)PEREZ Mary

(57) Abstract :
A lattice cut potato product is sliced so that the ridges (115) and grooves (122) on one surface of the slices are oriented transversely to the ridges (116) and grooves (124) on the opposite surface of the slices. The sizes and shapes of the ridges and grooves are particularly selected so that each point in the interior of a slice is no greater than a specified distance from an outer surface of the slice. These parameters enable a lattice cut potato product to consistently achieve a crispy outer surface and a smooth and creamy interior when cooked by baking or microwaving.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014
(21) Application No.710/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SACRIFICIAL ANODE CONTROL

(51) International classification :F24H9/00
(31) Priority Document No :13/838,954
(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)HU, YAO ZHEN
3)BANKS, RUSSELL
4)BRANECKY, BRIAN T.

(57) Abstract :
Systems and methods are described for controlling the current of a sacrificial anode based on the conductivity state of the water. An unregulated current of the sacrificial anode relative to the water tank is measured and a conductivity state of the water is identified based on the measured unregulated current. A maximum current limit for the sacrificial anode is determined based on the conductivity state of the water and the current of the sacrificial anode is limited such that the current does not exceed the determined maximum current limit.

No. of Pages : 25 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.710/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONJUGATED POLYMERS WITH CARBONYL SUBSTITUTED THIENO [3,4-B] THIOPHENE UNITS POLYMER SOLAR CELL ACTIVE LAYER MATERIALS

(51) International classification :C08G 75/06
(31) Priority Document No :12/209,359
(32) Priority Date :24/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042794
Filing Date :21/07/2010
(87) International Publication No :WO 2010/011545
(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)HOU, JIANHUI
2)ZHANG, SHAOQING

(57) Abstract :
In one embodiment of the present disclosure, a series of conjugated polymers used, among other things, as polymer solar cell or polymer photovoltaic device active layer materials, is provided. In one embodiment, the conjugated polymers have the general structure and formula shown in (I), wherein: R1 and R2 are independently selected from proton, halogens, alkyls, aryls and substituted aryls; Ar is selected from the group consisting of monocyclic, bicyclic and polycyclic arylene, or monocyclic, bicyclic and polycyclic heteroarylene. In another embodiment, the conjugated photovoltaic polymers are comprised of repeated units having the general structure of formula (II), wherein, R1, R2, R3, R4, R5, and R6 are independently selected from proton, alkyls, halogens, aryls, substituted aryls, and other kinds of substituents. Synthesis methods of several polymers of the present disclosure are provided, and absorption spectra and electrochemical cyclic voltammetry data of some polymers, and also the photovoltaic properties of the polymers in this present disclosure are also provided.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1634/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :17/06/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : RESERVOIR TANK ARRANGEMENT STRUCTURE FOR MOTORCYCLE

(51) International classification	:B62M7/04
(31) Priority Document No	:2013-205994
(32) Priority Date	:30/09/2013
(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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2)KAZUNORI YOSHIMURA

(57) Abstract :
To shorten a reservoir hose as much as possible when a rservoir tank is arranged below a step floor. [Solution] A low-slung step floor 13 is provided between a handlebar lp and a seat 11, and a lower frame 26 is arranged below the step fcoor 13. A rear portion of the lower frame 26 is connected to a raised portion 27 through a curved portion 27a. A reservoir tank 42 is arranged behind the curved portion 27a and below the step floor 13, and a radiator 44 is arranged rearward of the reservoir thnk 42. A reservoir hose 52 for connecting the reservoir tank 42 and the radiator 44 is shortened as much as possible.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1923/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :10/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : TURBINE

(51) International classification :F03D3/06
(31) Priority Document No :1312505.9
(32) Priority Date :12/07/2013
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) 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)MCEWEN, James Alexander

(57) Abstract :
Turbine A turbine comprises a turbine housing defining a turbine inlet upstream of a turbine wheel and a turbine outlet downstream of the turbine wheel; a wastegate passage connecting the turbine inlet and the turbine outlet; and a wastegate 5 valve comprising a movable valve member. The wastegate valve has an open state in which gas may pass between the turbine inlet and turbine outlet via the wastegate passage and a closed state in which the valve member substantially prevents gas from passing between the turbine inlet and the turbine outlet via the wastegate passage. The valve member is 10 mounted to an actuation member, the actuation member passing through an actuator conduit of the turbine housing, and being movable so as to move the wastegate valve between the open and closed states. The turbine further comprises a sealing arrangement configured to provide a seal arranged to substantially prevent gas from passing from the turbine outlet into the actuator conduit. The sealing arrangement is 15 configured such that when the valve member of the wastegate valve is urged into the closed state by the actuator member the sealing effectiveness of the sealing arrangement is increased.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3375/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :01/11/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELEVATOR CONTROL DEVICE

(51) International classification :H01K 7/00
(31) Priority Document No :2011-259118
(32) Priority Date :28/11/2011
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TAKEYAMA KAZUNORI

(57) Abstract :
An elevator control device according to an embodiment of the invention comprises: a control drive unit (2); an inverter unit 5 (3); a cooling fan (8) that delivers a current of cooling air to this inverter unit (3); a regenerative resistor unit (5) arranged above the control drive unit (2) and wherein a plurality of regenerative resistors (4) are arranged in a plurality of levels therein in the vertical direction; a first exhaust port (9) whereby 10 the current of cooling air from the cooling fan (8) is fed to the regenerative resistor unit (5); and a second exhaust port (10) provided in the regenerative resistor unit (5) and whereby the current of cooling air delivered from the cooling fan (8) is discharged to the outside; wherein: the regenerative resistors (4) 15 are arranged so as not to overlap with the location of arrangement of the cooling fan (8) on a projection area from above and at least some of the second exhaust ports (10) are arranged in the regenerative resistor unit (5) so as to overlap with the location of arrangement of the regenerative resistors (4) on a projection 20 area from the front face.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.720/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL NUCLEIC ACID PRODRUGS AND METHOD OF USE THEREOF

(51) International classification :A61K 31/70
(31) Priority Document No :61/223,369
(32) Priority Date :06/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041068
Filing Date :06/07/2010
(87) International Publication No :WO 2010/005761
(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)MEENA, MEENA
3)IWAMOTO, NAOKI

(57) Abstract :
Described herein are nucleic acid prodrugs and nucleic acid prodrugs comprising chiral phosphorous moieties. Also described herein are methods of making and using nucleic acid prodrugs and nucleic acid prodrugs comprising chiral phosphorous moieties.

No. of Pages : 215 No. of Claims : 94

(12) PATENT APPLICATION PUBLICATION
(21) Application No.401/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : COLD ROLLED STEEL SHEET ELECTROLYTIC ZINC COATED COLD ROLLED STEEL SHEET HOT DIP ZINC COATED COLD ROLLED STEEL SHEET ALLOYED HOT DIP ZINC COATED COLD ROLLED STEEL SHEET AND METHODS FOR PRODUCING SAID STEEL SHEETS

(51) International classification	:C22C38/00,B21B1/22,B21B3/00
(31) Priority Document No	:2012170316
(32) Priority Date	:31/07/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/070745
Filing Date	:31/07/2013
(87) International Publication No	:WO 2014/021382
(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)YONEMURA Shigeru
3)MARUYAMA Naoki

(57) Abstract :
A cold rolled steel sheet which contains in mass% 0.0005 to 0.0045% of C 0.80 to 2.50% of Mn 0.002 to 0.150% of Ti and 0.0005 to 0.01% of B fulfills the requirement represented by formula (1) and also contains iron and unavoidable impurities as a remainder wherein the random strength ratio (A) in the [332] <110> orientation is 3 or less and each of the random strength ratio (B) in the [557] <9 16 5> orientation and the random strength ratio (C) in the [111] <112> orientation is 7 or more as measured at a position corresponding to one fourth of the thickness of the steel sheet and the requirements represented by the formulae [(B)/(A) = 5] and [(B) > (C)] are fulfilled.

No. of Pages : 58 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.431/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTEGRATED MULTIMEDIA TOOL SYSTEM AND METHOD TO EXPLORE AND STUDY THE VIRTUAL HUMAN BODY

(51) International classification :G09B5/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2013/023200
Filing Date :25/01/2013
(87) International Publication No :WO 2014/116232
(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)RATH Matthias

(57) Abstract :
Several methods processes and system for modular tool as an integrated multimedia tool system to explore and study the virtual human body is disclosed. Content and context modules allow for scientific gaming using modular multimedia objects social media and different configurations. The disclosure allows an individual to travel through the virtual human body in a self guided and interactive tour. It specifically enables the user to learn the structure and function of different organs different types of cells intercellular space as well as different cellular organelles etc. Further the system may be used by the local authority as an electronic study tool for seamless integrated mode of delivering the educational tool suited to the local curriculum. This may also serve as a tool for patients doctors focus groups and student to explore and learn about the pathological and physiological conditions in a human body.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.701/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A TUBE CAP ON THE TOP OF THE SLAG-DRIP TUBE IN A BOILER

(51) International classification :F23C 10/24
(31) Priority Document No :200920286114.1
(32) Priority Date :23/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/001894
Filing Date :26/11/2009
(87) International Publication No :WO 2011/075937
(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, HUI
3)WU, HAIYUN
4)XUE, LINGYUN

(57) Abstract :
The present invention disclosed a tube cap on the top of the slag-drip tube in a boiler, which is set on the capping of the slag-drip tube; the tube cap on the top of the slag-drip tube includes a supporting unit, a connected component and a tube cap. The tube cap mentioned above comprises an integral forming columnar tube cap unit and a curved coping, and there is at least one trepanning on the tube cap. The supporting unit consists of at least two stents, one end of each stent is connected with the tube wall on the top of the slag-drip tube, and the other end is connected with the tube cap through the connected component. This invention has provided a tube cap on the top of the slag-drip tube in a boiler, which is able to slow down the falling velocity of the slag so that it can avoid the wearing of the slag-drip tube and itself by the slag, as a result, it can avoid the impediment and blockage of the slag-drip tube by the larger particles of the slag.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.719/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PYRIMIDO-PYRROLO-QUINOXALINEDIONE INHIBITORS OF CYSTIC FIRBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR PROTEIN AND USES THEREFOR

(51) International classification :A61K 31/535
(31) Priority Document No :61/232,741
(32) Priority Date :10/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045052
Filing Date :10/08/2010
(87) International Publication No :WO 2010/019737
(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)TRADTRANTIP, LUKMANEE

(57) Abstract :
Provided herein are pyrimido-pyrrolo-quinoxalinedione (PPQ) compounds, and compositions comprising these compounds, that inhibit cystic fibrosis transmembrane conductance regulator (CFTR) mediated ion transport and that are useful for treating diseases and disorders associated with aberrantly increased CFTR chloride channel activity. The compounds, and compositions comprising the compounds, described herein are useful for treating diseases, disorders, and sequelae of diseases, disorders, and conditions that are associated with aberrantly increased CFTR activity, for example, polycystic kidney disease. The compounds may be used for inhibiting expansion or preventing formation of cysts in persons who have polycystic kidney disease.

No. of Pages : 116 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.413/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PAINTING APPARATUS AND PAINTING METHOD FOR METAL SLUG PARTICLE SURFACES

(51) International classification :C21B5/04,C04B5/06,B05B7/00
(31) Priority Document No :1020120067383
(32) Priority Date :22/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005446
Filing Date :20/06/2013
(87) International Publication No :WO 2013/191485
(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)CHOI Gyeong bok

(57) Abstract :
The present invention relates to a painting apparatus and a painting method for metal slug particle surfaces. More particularly the present invention relates to a technology capable of enabling high quality painting on the surface of each slug particle and simultaneously preventing the particles of the slug from adhering to one another during painting thus improving the usefulness of slug particles as a finishing material such as an interior decoration material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.428/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : WEARABLE RFID STORAGE DEVICES

(51) International classification :G06K19/07,E05B65/00,G06F12/00
(31) Priority Document No :61/662172
(32) Priority Date :20/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050473
Filing Date :20/06/2013
(87) International Publication No :WO 2013/188977
(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 devices related to a multifunctional digital data storage device which is wearable by the user as a decorative ornament. A wearable device such as a ring or a wristwatch is equipped with a transceiver a storage module and an antenna. The storage module contains identification data financial information and other data which may be used to activate accounts open digital locks make payments for transactions at retailers as well as facilitate other transactions. The device may also be provided with other capabilities such as a heart rate monitor.

No. of Pages : 86 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(21) Application No.687/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING THE DERAILMENT OF A GUIDED VEHICLE

(51) International classification :B61B 10/04
(31) Priority Document No :09290596.7
(32) Priority Date :28/07/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2009/063828
Filing Date :21/10/2009
(87) International Publication No :WO 2010/012176
(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)LUCIANO CONSOLI

(57) Abstract :
The present invention relates to a method and a device for detecting derailment adapted to a vehicle guided by a guidance system including at least one guide member interacting with a railhead (13) of a rail (1) used to guide the guided vehicle, characterized in that said device includes: - a clamp (4) having a bottom jaw (41) that, in closed position, closely and contactlessly surrounds the railhead (13) of the rail (1), and that opens when the jaw (41) thereof opens in the event of a loss of interaction between the guide member and the rail (1), said opening being caused by an at least partial movement of said railhead (13) outside the jaw (41), at least one top rod (421, 422) of the clamp (4) enabling the opening of the jaw (41) to be transmitted mechanically to at least one switch (51, 52), - said switch (51, 52) having two configurations, a nominal configuration corresponding to the closed position of the clamp (4) when rail position is correct, and a warning configuration caused by the mechanical transmission of the opening of the jaw (41) to the switch (51, 52), said warning configuration being able to actuate at least one safety system of the guided vehicle.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.704/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD OF PREPARING DICHLOROPROPANOLS FROM GLYCERINE

(51) International classification :C07C 29/62
(31) Priority Document No :PV 2003-2346
(32) Priority Date :01/09/2009
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CZ2004/000049
Filing Date :23/08/2004
(87) International Publication No :WO 2010/021476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1694/DELNP/2006
Filed on :23/08/2004

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(72)**Name of Inventor :**
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2)SLADEK PETR
3)BURICOVA IVANA

(57) Abstract :
A method of highly selective catalytic hydrochlorination of glycerine and/or monochloropropanediols to the dichloropropanol products 1,3-dichloro-2-propanol and 2,3-dichloro-l-propanol, carried out in at least one continuous reaction zone at reaction temperatures in the range of 70-140 °C and with continuous removing of the water of reaction, the liquid feed containing at least 50 % by weight of glycerine and/or monochloropropanediols. The method can be carried out in a continuously operating one-step circulation reactor or a cascade of continuous flow reactors of the liquid-gas type.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.723/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS AND PROCESS FOR ISOMERIZING A HYDROCARBON STREAM

(51) International classification :C07C 5/22
(31) Priority Document No :61/243,054
(32) Priority Date :16/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044552
Filing Date :05/08/2010
(87) International Publication No :WO 2011/034666
(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)DETRICK, KURT, A.
4)SHECTERLE, DAVID, J.
5)KRUPCZAK, JOHN, M.
6)MEZERA, ANDREW, D.
7)BECCI, DOUGLAS, A.

(57) Abstract :
An apparatus and process for isomerizing a hydrocarbon stream rich in a C4 and/or a C5 and C6 hydrocarbon which includes a first and a second drier; and a reaction zone communicating with at least the first drier. The first drier operates at a first condition to dry the reactant and the second drier operates at a second condition during regeneration. The used regenerant remaining in the second drier after regeneration can (1) pass through a vent-to-flare assembly in a batch-wise manner; (2) pass through a downflow-depressure-to-low-pressure-device assembly in a batch-wise manner; (3) pass through a cross-over piping purge assembly to minimize upsets in the reaction and fractionation zones when the second drier is placed back in operation; or any combination of (1) (2) and/or (3) to minimize upsets in the reaction and fractionation zones when the second drier is placed back in operation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.392/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : COMPOSITIONS COMPRISING HYDROPHOBICALLY MODIFIED CATIONIC POLYMERS

(51) International classification :C11D3/37,D06M15/643,A61K8/89
(31) Priority Document No :61/673600
(32) Priority Date :19/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051230
Filing Date :19/07/2013
(87) International Publication No :WO 2014/015226
(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)GIZAW Yonas
2)HARRINGTON Roy Jerome
3)WHITE Daniel Jerome
4)HULSKOTTER Frank
5)SMITH Steven Daryl
6)KOENIG Peter Herbert
7)JAMADAGNI Sumanth Narahari
8)WAGNER Matthew Scott
9)PAGE Steven Hardy
10)BENLAHMAR Ouidad
11)BOYKO Volodymyr
12)FIGUEROA Aaron Flores
13)EBERT Sophia Rosa

(57) Abstract :
This invention relates to compositions comprising hydrophobically modified cationic polymers as well as processes of making and using such compositions. Such hydrophobically modified cationic polymers may be added to the composition in a variety of ways including but not limited to as a component of a particle. Advantages of such compositions include the ability to selectively increase the deposition of benefit agents without effectively increasing deposition of undesired materials.

No. of Pages : 80 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

(21) Application No.465/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VARIABLE POROSITY INTRA VASCULAR IMPLANT AND MANUFACTURING METHOD

(51) International classification :A61F 2/90
(31) Priority Document No :13/795,127
(32) Priority Date :12/03/2013
(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 :**
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(72)**Name of Inventor :**
1)JUAN A. LORENZO

(57) Abstract :
A vascular occlusion device for effectively occluding blood flow and pressure to a vascular defect while simultaneously not occluding blood flow and pressure to adjacent vasculature is provided. The vascular occlusion device can include a tubular member that has variable porosity regions along its length. The tubular member can be formed of a plurality of filaments that have different cross-sectional shapes along their length that are indexed to the variable porosity regions along the length of the tubular member.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.64/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :09/01/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AIRCRAFT MONITORING SYSTEM

(51) International classification :G01H 1/00
(31) Priority Document No :13/769,674
(32) Priority Date :18/02/2013
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SEAN M. PENNELL
2)NOAH ERIC AARON
3)DARREN GORDON MCDONALD

(57) Abstract :
A method and apparatus for monitoring an aircraft (202). A pilot control input signal (224) is received. A response of a control surface system (206) controlled by a flight control model (230) is identified using the pilot control input signal (224). An alert (240) is generated when the control surface system (206) reaches a threshold (241) with respect to the control surface system (206) becoming saturated.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.708/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUNGICIDAL DIPHENYL-SUBSTITUTED PYRIDAZINES

(51) International classification :C07D 237/08
(31) Priority Document No :61/232,121
(32) Priority Date :07/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044108
Filing Date :02/08/2010
(87) International Publication No :WO 2011/017261
(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)SHARPE PAULA LOUISE

(57) Abstract :
Disclosed are compounds of Formula 1, including all stereoisomers, N-oxides, and salts thereof, wherein R1, R2, R3, R4a, R4b, R5, W, m and n are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling plant disease caused by a fungal pathogen comprising applying an effective amount of a compound or a composition of the invention.

No. of Pages : 72 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.726/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : TRANSMITTING APPARATUS, RECEIVING APPARTUS, TRANSMITTING METHOD, RECEIVING METHOD AND TRANSPORT SYSTEM

(51) International classification :H04N 7/173
(31) Priority Document No :2009-167913
(32) Priority Date :16/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061504
Filing Date :07/07/2010
(87) International Publication No :WO 2010/007701
(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)KASAI, HIROYUKI
2)UCHIHARA, NAOFUMI

(57) Abstract :
The delivery of the high-definition image signal corresponding to an area a user desires to view can be achieved without increasing the load of processing in a transmitting apparatus. There are included an image area dividing unit (20) for dividing the image area of an input image signal into a given number of areas to generate area division image signals; and a coding unit (30) for coding the area division image signals to generate image bit streams. There are also included an image bit stream group accumulating unit (4 0) for accumulating a plurality of image bit streams; and a view point information receiving unit (60) for receiving view point information including the information of a view position transmitted from a receiving apparatus (2). Then, it has been arranged that an image bit stream corresponding to a first area defined by a view position and an image bit stream corresponding to a second area that is a peripheral area of the first area be extracted from the image bit stream group accumulating unit (40), thereby generating transport image bit streams to be transmitted to the receiving apparatus (2).

No. of Pages : 52 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1933/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :10/07/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENGINE-DRIVEN WORKING MACHINE

(51) International classification :F01P7/02
(31) Priority Document No :2013-163930
(32) Priority Date :07/08/2013
(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)KAKU OKABE

(57) Abstract :
There is disclosed an engine-driven working machine (10) including a water generating apparatus (20) for generating purified water (69) from raw water (29), using waste heat of an engine (12). The water generating apparatus (20) includes an evaporator (35) for vaporizing the raw water (29) into water vapor, and a condenser (38) for condensing the water vapor into the purified water (69). The evaporator has a gas intake portion (66). The condenser (38) has a release hole (78) for releasing a gas from an inner space (86) into an atmosphere. The release hole (78) is opposite to and located above the gas intake portion (66).

No. of Pages : 59 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3665/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :16/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : N-((1-BENZYL-1H-1,2,3-TRIAZOL-4-YL)METHYL)ARYLAMIDE COMPOUNDS AS POTENTIAL ANTICANCER AGENTS AND A PROCESS FOR THE PREPARATION THEREOF

(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 :**
1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
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1)AHMED KAMAL
2)NARRIKOLLA VENKATA SUBBA REDDY
3)BUDAGANABOYINA PRASAD
4)VADITHE LAKSHMA NAYAK
5)VANGALA SAIDI REDDY

(57) Abstract :
The present invention provides a compound of general formula 1, useful as potential anticancer agents against human cancer cell lines and process for the preparation thereof.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.411/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS FOR PERFORMING LINK ADAPTATION AND RELATED BASE STATIONS

(51) International classification :H04W72/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/082053
Filing Date :26/09/2012
(87) International Publication No :WO 2014/047815
(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)LIU Jinhua
2)QIAN Yu
3)WANG Hai

(57) Abstract :
The present disclosure relates to a link adaptation scheme. In one embodiment there provides a method for performing link adaptation in an uplink subframe for a first cell the method comprising: obtaining interference to the uplink subframe of the first cell from at least one neighboring cell s downlink subframe occupying a time interval same as the uplink subframe; determining whether the obtained interference exceeds a predetermined threshold; and applying to the uplink subframe a first link adaptation loop when the obtained interference exceeds the predetermined threshold.

No. of Pages : 38 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(21) Application No.696/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : PREPARATION OF (R)- AND (S)-N-(3, 4-DIFLUORO-2-(2-FLUORO-4-IODOPHENYLAMINO)-6-METHOXYPHENYL)-1- (2, 3-DIHYDROXYPROPYL)CYCLOPROPANE-1-SULFONAMIDE AND PROTECTED DERIVATIVES THEREOF

(51) International classification :C07C 303/38
(31) Priority Document No :61/228,509
(32) Priority Date :24/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/004222
Filing Date :10/07/2010
(87) International Publication No :WO 2010/009541
(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)ANDREAS MADERNA
2)JEAN-MICHEL VERNIER

(57) Abstract :
The present invention relates to the preparation of (R)-N-(3,4-difluoro-2-(2-fluoro-4-iodophenylamino)-6-methoxyphenyl)-l-(2,3-dihydroxypropyl)cyclopropane-l-sulfonamide and(S)-N-(3,4-difluoro-2-(2-fluoro-4-iodophenylamino)-6-methoxyphenyl)-1 -(2,3-dihydroxypropyl)cyclopropane-1 -sulfonamide.

No. of Pages : 48 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.713/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :12/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD OF READING DATA FROM A NONVOLATILE MEMORY DEVICE, NONVOLATILE MEMORY DEVICE, AND METHOD OF OPERATING A MEMORY SYSTEM

(51) International classification	:G11C11/34
(31) Priority Document No	:10-2013-0027722
(32) Priority Date	:15/03/2013
(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)KIM, KYUNG-RYUN
2)YOON, SANG-YONG

(57) Abstract :
In a method of reading data from a nonvolatile memory device, a first read operation for memory cells coupled to a first word line is performed by applying a first read voltage to the first word line, a first read retry is performed to obtain an optimal read level regardless or independent of whether data read by the first read operation is error-correctable, and the optimal read level is stored to perform a subsequent second read operation using the optimal read level. Related methods and devices are also discussed.

No. of Pages : 78 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.731/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HOIST SYSTEM AND METHOD

(51) International classification :B60L 1/00
(31) Priority Document No :61/228,968
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043239
Filing Date :26/07/2010
(87) International Publication No :WO 2011/017053
(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)KUMAR, AJITH KUTTANNAIR
2)YOUNG, HENRY TODD
3)BASTIEN, BERTRAND

(57) Abstract :
A system includes a motor coupled to an energy source and coupled to a hoist pump. During one mode of use or operation, the motor can receive electricity from the energy source and provide mechanical power to the hoist pump. A method includes directing a motor to mechanically couple to the hoist pump, and directing electrical power to flow from an energy source to the motor, and thereby to control the speed of hoist activity.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.426/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :17/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : TREATING MATERIALS WITH COMBINED ENERGY SOURCES

(51) International classification :H05H1/24
(31) Priority Document No :13/536257
(32) Priority Date :28/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071596
Filing Date :25/12/2012
(87) International Publication No :WO 2014/003822
(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)MISTRY Pravin

(57) Abstract :
Material treatment is effected in a treatment region (124) by at least two energy sources such as (i) an atmospheric pressure (AP) plasma and (ii) an ultraviolet (UV) laser directed into the plasma and optionally onto the material being treated. Precursor materials (323) may be dispensed before and finishing material (327) may be dispensed after treatment. Electrodes { el,e2) for generating the plasma may comprise two spaced apart rollers (212/214; 412/414; 436/438). Nip rollers (416/418; 436/438) adjacent the electrode rollers (412/414) define a semi airtight cavity (440) and may have a metallic outer layer (437/439). Loose fibers and fragile membranes (504 506) may be supported on a carrier membrane (502) which may be doped. Individual fibers (508) may be processed. Electrostatic deposition may be performed. Topographical changes may be effected. Various laser configurations and parameters are disclosed.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.441/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR ISOLATING MICROORGANISMS ON A CULTURE MEDIUM AND RELATED DEVICE

(51) International classification :C12M1/26,C12Q1/24
(31) Priority Document No :1257047
(32) Priority Date :20/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/065451
Filing Date :22/07/2013
(87) International Publication No :WO 2014/013089
(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)LIMON Bernard
3)ROZAND Christine
4)MONTET Marie Pierre

(57) Abstract :
The invention relates to a method for isolating at least one microorganism from a sample likely to be contaminated by said microorganism including the following steps: (a) providing a device for isolating microorganisms including a bottom waterproof layer a nutritional layer which is placed on the bottom layer and which includes a dehydrated culture medium an isolation layer which is pervious to the elements included in the nutritional layer and which is capable of retaining the bacteria on the surface thereof and covering all or part of the nutritional layer and a top protective layer; (b) depositing a predetermined volume of the sample on the isolation layer; (c) isolating the microorganisms by impoverishing or layering the sample using an isolating means; (d) incubating the device for a predetermined amount of time at a predetermined temperature so as to enable the growth of the microorganisms said method also including at least one step of rehydrating the culture medium using a predetermined volume of liquid before or simultaneously with step b) and/or c) and/or d) preferably before or simultaneously with step b) and/or c).

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.734/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR CONTROLLING THE INITIATION OF A FREEZE CYCLE PRE-SET TIME IN AN ICE MAKER

(51) International classification :F25C 1/12
(31) Priority Document No :61/793,912
(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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(72)**Name of Inventor :**
1)Daryl ERBS
2)Zhang LEI

(57) Abstract :
A novel control logic for an individual cube spray type ice machine. The duration of thc freeze cycle is able to adapt to changes in inlet water temperature, changes in ambient air temperature, and the impact of warm temperatures of internal ice making parts within thc ice machine due to off cycle periods. This is accomplished through a combination of starting a freeze time period only after the water temperature for the volume of watcr circulating over the evaporator has reached approximately 32F, and a freeze time pcriod value that is a function of the refrigerant temperature leaving the condenser at thc timc where the water reaches approximately 32°F.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.734/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : THERMAL MANAGEMENT SYSTEM, VEHICLE AND ASSOCIATED METHOD

(51) International classification :F01P 3/18
(31) Priority Document No :61/228,970
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043231
Filing Date :26/07/2010
(87) International Publication No :WO 2011/017052
(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)YOUNG, HENRY, TODD
2)KUMAR, AJITH, KUTTANNAIR
3)BASTIEN, BERTRAND

(57) Abstract :
A system is provided that includes an engine coupled to an alternator; a radiator fan motor in electrical communication with the alternator, and that is mechanically decoupled from the engine; an energy storage device in electrical communication with the alternator and the radiator fan motor; and one or more traction motors in electrical communication with the energy storage device, the radiator fan motor, or both. Electricity provided through dynamic braking can power the radiator fan motor upon generation of the electricity, or it can be stored in the energy storage device for use later in powering the radiator fan motor.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2197/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :01/08/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HYPROMELLOSE ACETATE SUCCINATE FOR USE AS HOT-MELT EXTRUSION CARRIER, HOT-MELT EXTRUSION COMPOSITION, AND METHOD FOR PRODUCING HOT-MELT EXTRUDATE

(51) International classification :A61K9/20
(31) Priority Document No :2013-167572
(32) Priority Date :12/08/2013
(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)WARASHINA, Shogo
3)KUSAKI, Fumie
4)OBARA, Sakae
5)KIKUCHI, Kazuki

(57) Abstract :
Provided are a hot-melt extrudate excellent in uniform miscibility with a drug; and a method for producing a hot-melt extrudate capable of smoothly feeding a powder in hot-melt extrusion. More specifically, provided are hypromellose acetate succinate (HPMCAS) for use as a hot-melt extrusion carrier having a volume average particle size (D50) of from 70 to 300 m as measured by dry laser diffraction and a loose bulk density of from 0.25 to 0.40 g/cm3; and a hot-melt extrusion composition comprising the HPMCAS and a drug. Also provided is a method for producing a hot-melt extrudate comprising the steps of: hot-melting the hot-melt extrusion composition at a hot-melt temperature equal to or higher than a melting temperature of the HPMCAS, or at a hot-melt temperature equal to or higher than a temperature at which both of the HPMCAS and the drug become melt; and extruding the hot-melted composition.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.430/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR CONTINUOUSLY RECOVERING (METH)ACRYLATE AND RECOVERY APPARATUS

(51) International classification :C07C51/44,C07C57/04,B01J19/24
(31) Priority Document No :1020120085339
(32) Priority Date :03/08/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/006101
Filing Date :09/07/2013
(87) International Publication No :WO 2014/021560
(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)SONG Jong Hun
3)YOO Sul Hee

(57) Abstract :
The present invention relates to a method for continuously recovering (meth)acrylate and an apparatus used in the method. The method according to the present invention for continuously recovering (meth)acrylate can significantly reduce the amount of energy consumed to recover(meth)acrylate at the same rate as typical recovery methods. Also the present invention can provide more improved operational stability. For example the present invention can minimize polymerization reactions of (meth)acrylate during the recovery process.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2014
(21) Application No.57/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FOLDABLE SOLAR POWER RECEIVER

(51) International classification :H01L 31/045
(31) Priority Document No :13/473,001
(32) Priority Date :16/01/2013
(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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1)JOSEPH Y. HUI
2)JOSEPH W. BOSTAPH
3)RICHARD HOWE

(57) Abstract :
Patent Application Attorney Docket No. 35493.00009 0 8 JAN 2014 An apparatus for the purpose of power generation by collecting or reflecting light using a foldable surface for compact transport, comprising of a circular surface divided into sectors, which in a closed folded position each sector is drawn closed by elevating a radius on one side of the sector on a pivot along the radius, and which in an opened position is held rigid by both radial and circumferential support.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.737/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : STABLE CRISTALLINE MONOHYDRATE OF EPIRUBICIN HYDROCHLORIDE AND METHOD OF PRODUCTION

(51) International classification	:C07H1/00, C07H15/252
(31) Priority Document No	:13 159 392.3
(32) Priority Date	:15/03/2013
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) 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)ZABUDKIN, Alexander
2)MATVIENKO, Victor
3)MATVYEYEV, Alexey (DECEASED)

(57) Abstract :
The present invention relates to a stable crystalline monohydrate of epirubicin hydrochloride having water content in the range between 2.7% and 3.5% (w/w) and being devoid of residual solvents as well as to a corresponding method for its production. The method comprises: (a) adding at least a first solvent and at least a second solvent to epirubicin hydrochloride, wherein the first solvent is a linear or branched C4 to C5 alcohol, and the second solvent is a linear or branched C2 to C3 alcohol; (b) adjusting in the solution obtained the water content to an amount in the range between 7% and 12% (w/w); and (c) heating the mixture to a temperature of 70°C to 90°C in order to allow crystallization.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.737/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SIMULTANEOUS, INTEGRATED SELECTION AND EVOLUTION OF ANTIBODY/PROTEIN PERFORMANCE AND EXPRESSION IN PRODUCTION HOSTS

(51) International classification :C12P 21/06
(31) Priority Document No :61/271,168
(32) Priority Date :17/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042302
Filing Date :16/07/2010
(87) International Publication No :WO 2011/009058
(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)JAY MILTON SHORT

(57) Abstract :
The present disclosure provides methods of integrating therapeutic protein and antibody generation and/or selection, evolution and expression in a aukaryotic host for manufacturing in a single system. Therapeutic proteins, including antibodies, are generated, optimized and manufactured in the same eukaryotic host system. The disclosed system of comprehensive integrated antibody optimization (CIAO!,,) allows for simultaneous evolution of protein performance and expression optimization.

No. of Pages : 125 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(21) Application No.519/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :25/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRONIC CONTROL UNIT FOR VEHICLE

(51) International classification	:B60W 50/00	(71)**Name of Applicant :**
(31) Priority Document No	:2013-40696	**1)DENSO CORPORATION** Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF., 448-8661, JAPAN
(32) Priority Date	:01/03/2013	(72)**Name of Inventor :**
(33) Name of priority country	:Japan	**1)MASAHIRO NIWA**
(86) International Application No	:NA	**2)YUKIYASHU UENO**
Filing Date	:NA	
(87) 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 :
According to the present disclosure, an electronic control unit for a vehicle includes a circuit substrate (1), a resin sealing member (2), a transmission member (3), and a fastening member (4). The circuit substrate includes a substrate member (11) having a 5 fastening part (111) fastening to an object to be fastened, and a behavior detecting sensor (12) disposed at the substrate member to detect a behavior of the vehicle. The resin seal member contacts and covers the circuit substrate except for the fastening part, so as to expose the fastening part from the resin sealing member. The transmission member has a fixing portion (31) to be fixed to the vehicle, and a substrate fastening portion (32) abutting 10 on the fastening part. The transmission member transmits the behavior of the vehicle to the circuit substrate. The fastening member abuts on the fastening part to fasten the circuit substrate to the transmission member. The transmission member is provided with a cover portion (33) covering at least a part of an outer surface of the resin sealing member.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014
(21) Application No.536/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CATHETER WITH NEEDLES FOR ABLATING TISSUE LAYERS IN VESSEL

(51) International classification	:A61B 18/14
(31) Priority Document No	:13/829,178
(32) Priority Date	:14/03/2013
(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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1)DEBBY GRUNEWALD

(57) Abstract :
A catheter has a catheter body and a distal tip section with needles that are 5 positioned radially to extend outside of the distal tip section to pierce and penetrate tissue layers of a vessel or tubular region. The needles are supported in a retracted position inside the distal tip section on an elongated support member. For deployment, the needles are lifted and a portion thereof pushed through openings in the distal tip section by an actuator that is longitudinally slidable on the elongated support member. The actuator has a tapered end to help lift the needle 10 onto the actuator. In another embodiment, an inflatable balloon member with needles is movable between retracted and deployed positions.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(21) Application No.705/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PREPARING DICHLOROPROPANOLS FROM GLYCERINE

(51) International classification :C07C 29/62
(31) Priority Document No :PV 2003-2346
(32) Priority Date :01/09/2003
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CZ2004/000049
Filing Date :23/08/2004
(87) International Publication No :WO 2005/021476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1694/DELNP/2006
Filed on :23/08/2004

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(72)**Name of Inventor :**
1)KUBICEK PAVEL
2)SLADEK PETR
3)BURICOVA IVANA

(57) Abstract :
A method of highly selective catalytic hydrochlorination of glycerine and/or monochloropropanediols to the dichloropropanol products 1,3-dichloro-2-propanol and 2,3-dichloro-l-propanol, carried out in at least one continuous reaction zone at reaction temperatures in the range of 70-140 °C and with continuous removing of the water of reaction, the liquid feed containing at least 50 % by weight of glycerine and/or monochloropropanediols. The method can be carried out in a continuously operating one-step circulation reactor or a cascade of continuous flow reactors of the liquid-gas type.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014
(21) Application No.739/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROTATABLE FLUID SAMPLE COLLECTION DEVICE •

(51) International classification :B01L3/00
(31) Priority Document No :61/791,334
(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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4)JAMES ELLIS ROBINSON
5)DANIEL P. SALOTTO
6)DAVID A. TOMASSO
7)ZHONG DING
8)WILLIAM FRANKLIN GOTTERMEIER
9)AARON MICHAEL SWICK

(57) Abstract :
A sample collection device for a fluid sample includes: a body including a capillary channel having a first end and a second end, wherein the first end is adapted to draw the fluid into the channel by capillary action; an air vent located in the vicinity of the second end and in fluid communication with the capillary channel; a barrier positioned within the capillary channel to prevent flow of the fluid by capillary action thereacross; and features on opposing sides of the body to form an axis of rotation, which is substantially perpendicular to the overall direction of the capillary channel from the first end to the second end. In a preferred embodiment, the sample collection device is adapted to rotate about the axis of rotation within a cartridge having a sample manipulation device to bring the first end into position with the sample manipulation device.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.727/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INSULATOR FOR RAILWAY FASTENING CLIP AND RAILWAY RAIL FASTENING CLIP FOR USE THEREWITH

(51) International classification :E01B 9/30
(31) Priority Document No :0914634.1
(32) Priority Date :21/08/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/061844
Filing Date :13/08/2010
(87) International Publication No :WO 2011/020795
(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)HAMILTON, ROBERT JOHN
3)GARDNER, CHRISTOPHER

(57) Abstract :
An electrical insulator for use with a rail fastening clip comprises a contact member providing on one side a substantially flat rail contact surface for contacting a foot of a rail and on the opposing side a clip contact surface for contacting a rail bearing surface of a bearing portion of the clip, the insulator also having retaining means for retaining the insulator on the clip in such a way as to allow rotation of the insulator about a longitudinal axis of the bearing portion of the clip. The insulator has stop portions for limiting such rotation about the longitudinal axis of the bearing portion of the clip to a desired extent. The clip contact surface of the insulator is convex, in a vertical plane which is perpendicular to the longitudinal axis of the bearing portion of the clip, such that, when the insulator, is attached to a clip having a flat rail bearing surface, a contact region between the flat rail bearing surface of the clip and the clip contact surface of the insulator is linear. The insulator is rockable about the linear contact region within the extent defined by the stop portions such that, when the rail contact surface of the insulator contacts the surface of a rail foot, the angle of the rail contact surface can conform to the angle of the rail foot surface. A rail fastening clip, suitable for use with the insulator and of the kind driven onto a rail in a direction which is parallel to a longitudinal axis of the rail, has a bearing portion having a flat rail bearing surface, wherein a detent, extending laterally with respect to the longitudinal axis of the bearing portion, is formed in the flat rail bearing surface, at a location spaced from a free end of the bearing portion of the clip, for engaging a corresponding abutment surface of the insulator to be retained on the rail bearing portion of the clip.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(21) Application No.744/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR OPERATING A LAMP

(51) International classification :H05B37/02
(31) Priority Document No :13167676.9
(32) Priority Date :14/05/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) 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)STOCKBURGER Marc

(57) Abstract :
Method for operating a lamp The invention relates to a method for operating a lamp comprising a first light emitting means (20) for direct lighting and a second light emitting means (30) for indirect lighting of an object (100), as well as a controller (50) in order to control the first light emitting means (20) and the second light emitting means (30) separately, and at least one light sensor (60) is mounted on the lamp (10) to detect the total amount of light (l) in the area of the light sensor (60), including any extraneous light present there, whereby the light sensor (60) is connected to the controller (50). The invention is characterized in that the controller (50) has means to subtract the indirect amount of light (l2) reaching the light sensor (60) from the total amount of light (l) coming from the second light emitting means (30) as detected by the light sensor (60), and the amount of direct light (l1) produced by the first light emitting means (20) reaching the light sensor (60), as well as any existing extraneous light (l3) reaching the light sensor (60), in order to control the lamp (10), in particular by switching it on or off. Advantages: avoidance of mutual interference of the direct and indirect light components, avoidance of a yo-yo effect • , where the lamp (10) is switched on but then switched off immediately due to an inadequate light control.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.744/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : GEAR WHEEL

(51) International classification :F16H 55/17
(31) Priority Document No :0950625-4
(32) Priority Date :01/09/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/050913
Filing Date :25/08/2010
(87) International Publication No :WO 2011/028164
(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)CHRISTER WALLEN

(57) Abstract :
The invention relates to a gear wheel (10; 20) comprising: a hub (15; 25) with respective first and second axial ends and intended to be arranged round an axis of rotation, at least one of which first and second axial ends of the hub has integral coupling devices (16; 26) intended to lock the gear wheel (10; 20) rotationally in relation to the gear wheel hub of an adjacent gear wheel; a circular gear ring (11; 21) with respective first and second axial ends and an outer periphery which is provided with a toothed rim (12; 22); and at least one intermediate wall (14; 24) which links the gear ring (11; 21) and the hub (15; 25) in such a way that the hub (15; 25) is fixed at substantially the centre of the gear ring (11; 21); which gear ring (11; 21) and hub (15, 25) are two separate parts joined together by an fastening connection (17; 27) to form a gear wheel (10; 20). The gear wheel according to the invention is characterised in that the axial ends of the hub (15; 25) end at or within the plane which is defined by the axial ends of the gear ring (1 1; 21) transversely in relation to the longitudinal shaft round which the gear wheel is intended to be arranged.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.470/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HIGH-PRESSURE FUEL SUPPLYING PUMP AND DIESEL ENGINE HAVING THE SAME

(51) International classification :F02M 37/04
(31) Priority Document No :201310066169.2
(32) Priority Date :01/03/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JIN, XIN
2)ZHANG, JIANXIN
3)TANG, ZHAOHUI

(57) Abstract :
The present invention relates to a high-pressure fuel supplying pump, 5 comprising: a barrel formed with a fuel feeding port, a plunger hole and a receiving chamber which communicate with each other; and a plunger which is able to reciprocate in the plunger hole, wherein installed in the receiving chamber are an inlet valve body and an valve holder which abut hermetically against each other, an input fuel passage is formed in the inlet valve body so as to communicate the fuel 10 feeding port with the plunger hole, a pressure chamber communicating with the plunger hole is formed at an end of the valve holder contacting with the inlet valve body, an inlet valve core is disposed in the pressure chamber, the inlet valve core is matable with the inlet valve body so as to define a first sealing interface therebetween, and the first sealing interface is openable or closable such that it 15 allows the input fuel passage selectively to communicate with the pressure chamber or to isolate from the pressure chamber, and wherein an output fuel passage is formed in the valve holder to communicate with the pressure chamber, and the valve holder is provided in such a way that it allows the output fuel passage selectively to communicate with the pressure chamber or to isolate from the 20 pressure chamber.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.580/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :28/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HEAT RECLAIM FOR A MULTIFUNCTION HEAT PUMP AND A MULTIFUNCTION AIR CONDITIONER

(51) International classification :H04N
(31) Priority Document No :PI 2013701366
(32) Priority Date :02/08/2013
(33) Name of priority country :Malaysia
(86) International Application No :NA
Filing Date :NA
(87) 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)HONG, POH HONG
2)MOHAMAD, ZULAIDI BIN

(57) Abstract :
The present invention relates to heat reclaim arrangement for a multifunction heat pump and a multifunction air conditioner which performs multiple operating modes such as cooling mode, cooling with water heating mode, heating mode, heating with water heating, water heating mode, and defrost 10 fiinction that is suitable for cold climate application. Refrigerant circuits with simple arrangements are provided to form the above operations.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.695/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : 5-FLUORO-2-OXOPYRIMIDINE-1(2H)-CARBOXYLATE DERIVATIVES

(51) International classification :C07D 339/02
(31) Priority Document No :61/232,232
(32) Priority Date :07/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044585
Filing Date :05/08/2010
(87) International Publication No :WO 2010/017544
(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)TIMOTHY MARTIN
5)W. OWEN
6)MARK POBANZ
7)SCOTT THORNBURGH
8)JEFFERY WEBSTER
9)CHENGLIN YAO

(57) Abstract :
This present disclosure is related to the field of 5-fluoro-2-oxopyriiiudine-l-(2H)-carboxylates and their derivatives and to the use of these compounds as fungicides.

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.730/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METAL SUBSTRATE HAVING HIGH AL-CONTENT METAL FOIL •

(51) International classification :C07C
(31) Priority Document No :2004-306695
(32) Priority Date :21/10/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/019449
Filing Date :18/10/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2952/DELNP/2007
Filed on :19/04/2007

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2)Takayuki Kobayashi
3)Hiroaki Sakamoto

(57) Abstract :
The present invention relates to a metal substrate having high AI-content metal foil wherein the said metal substrate having a honeycomb structure comprised of a flat foil and corrugated foil of a metal foil superposed and wound up said honeycomb structure characterized in that at least part of said metal foil is a high AI-content metal foil having an Al content of 6.5 mass% to 10 mass% and a steel sheet thickness of 0.005 mm to 0.1 mm and having one or both of a {222} plane integration of 60% to 95% and a {200}plane integration of 0.01% to 15% of the a-Fe crystal with respect to the surface of the steel sheet.

No. of Pages : 42 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.747/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR REPLACING A BRIDGE USING PRE-CAST CONSTRUCTION TECHNIQUES

(51) International classification :E01D 21/00
(31) Priority Document No :61/228,753
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035777
Filing Date :21/05/2010
(87) International Publication No :WO 2011/014291
(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)PAUL WESTLEY PORTER

(57) Abstract :
A method and apparatus for replacing a bridge using pre-cast materials, including steel piles, steel reinforced concrete caps, and metallic male and female connectors. The pre-cast materials can be formed to precise standards in a controlled factory environment before being brought to the worksite for the bridge replacement project. Further, the male and female connectors provide for a quick and robust way to connect the caps to the piles without the use of welding between the piles and the caps.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3640/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :13/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : IN-VITRO ANTIBACTERIAL ACTIVITY OF JATROPHA CURCAS GROWN ON FLY ASH AMENDED SOIL

(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)SEEMA RAJ

(57) Abstract :
The present invention relates to an antibacterial composition obtained from the leaves of Jatropha curcus grown on fly ash enriched soil in inhibiting the growth of multi drug resistant bacteria. The ethanolic extracts of leaves of Jatropha curcus grown on different concentrations of fly ash in soil shows significant effect in inhibiting the growth of multi drug resistant bacteria. The extract shows the broad antimicrobial activity against MDR bacteria such as Staphylococcus aureus, Escherichia coli and Klebsiella pneumonia using agar well diffbsion method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.396/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR FORMING A WELDED SEAL

(51) International classification :B23K31/02,B23K37/00,G01F1/66
(31) Priority Document No :61/673018
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053843
Filing Date :06/09/2012
(87) International Publication No :WO 2014/014483
(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)ALLEN Charles Robert
2)HA Chae H.

(57) Abstract :
A welding method includes inserting a weldable object at least partially into a through bore formed in a generally tubular body the tubular body having an interior flow passageway and an outer surface and the through bore having a borehole wall; transmitting inert gas between the weldable object and the borehole wall the gas being transmitted through the through bore; and welding the weldable object to the tubular member while the inert gas is being transmitted.

No. of Pages : 36 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014
(21) Application No.750/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : LASER RADIATION DETECTOR

(51) International classification :G01J
(31) Priority Document No :2013117076
(32) Priority Date :16/04/2013
(33) Name of priority country :Russia
(86) International Application No :NA
Filing Date :NA
(87) 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)NEMYCHENKOV, Vladimir Sergeevich
2)PETRAKOV, Andrei Alexeevich
3)PATRIN, Yury Vyacheslavovich
4)AKISHIN, Alexei Nikolaevich
5)MARUSENKO, Alexandr Alexandrovich
6)KOZLOV, Olgerd lvanovich

(57) Abstract :
The invention relates to electronic warfare devices, in particular, to devices issuing warnings of an object being irradiated by enemy weapon laser guidance devices, or finding direction of laser radiation sources. The device can be used as a source of information for decisions to be made on the use of devices to protect the object against laser-homing high-precision weapons and to conduct laser reconnaissance. The device has the following principal distinguishing features: it uses focusing optical lenses as protective optical ports of the laser radiation detection channels; and it uses photo receivers having a small number of photo detectors and a relatively large surface area, for example, four-quadrant photo receivers positioned in a plane offset relative to the focal plane of the optical lenses.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.750/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : COMPOSITION OF HCFO-1233ZD AND POLYOL BLENDS FOR USE IN POLYURETHANE FOAM

(51) International classification :C08G 18/00
(31) Priority Document No :61/228,748
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043191
Filing Date :26/07/2010
(87) International Publication No :WO 2011/014441
(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)LAURENT ABBAS
2)JOSEPH S. COSTA
3)BENJAMIN B. CHEN

(57) Abstract :
The HCFO-1233zd polyurethane foam blowing agent is mixed with polyol blends consisting of at least one polyether polyol and at leas one polyester polyol. The combination is useful in producing polyurethane, thermosetting foams. Polyurethane foams are useful in applications such as thermal insulation in appliances, and residential and commercial buildings.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2014
(21) Application No.1958/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SHOE HAVING A SPLIT WELT

(51) International classification :A43B13/04
(31) Priority Document No :13/943,247
(32) Priority Date :16/07/2013
(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)Salehe Bembury
3)Steve Beccia
4)TJ Papp

(57) Abstract :
A shoe comprises a sole, an upper, and a welt. The upper is operatively secured to the sole. The sole and upper define a seam. The seam has a seam toe region, a seam heel region, a seam lateral side region, a seam ball region, and a seam instep region. The welt is secured to at least one of the sole and the upper. The welt covers the seam toe region, the seam lateral side region, the seam heel region, and the seam instep region. The welt does not cover the seam ball region.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.203/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : CATEGORIZED CONTENT SHARING, IDENTICAL CONTENT MAINTANANCE AND USER PROTECTION IN A PEER-TO-PEER NETWORK

(51) International classification :G06K
(31) Priority Document No :61/436,327
(32) Priority Date :26/01/2011
(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)ROZENFELD ELI

(57) Abstract :
Methods and apparatus for sharing content between devices over a peer-to-peer (P2P) network without servers. The content is distributed to all the devices connected to the network. The distributed content may be identical and / or categorized. The content may be marked with a trust rating, and a user is enabled to both report and delete inappropriate / defective content and also report trusted content. A user may also be protected from using inappropriate / defective / non-trusted content and may prevent re-sharing of such content by other users.

No. of Pages : 38 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.717/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ADAPTIVE STREAMING FOR DIGITAL CONTENT DISTRIBUTION

(51) International classification :G06F 13/14
(31) Priority Document No :12/509,365
(32) Priority Date :24/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043114
Filing Date :23/07/2010
(87) International Publication No :WO 2011/011724
(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)PARK, ANTHONY NEAL
2)WEI, WEI

(57) Abstract :
One embodiment of the present invention sets forth a technique for adapting playback bit rate to available delivery bandwidth in a content delivery system comprising a content server and a content player. A content player periodically estimates whether a given playback bit rate can feasibly provide complete playback for a given title assuming currently available bandwidth. If playback becomes unfeasible at a current bit rate assuming currently available bandwidth, then the content player adapts the bit rate downward until a feasible bit rate is achieved. If playback is feasible using a higher bit rate, then the content player may adapt the bit rate upward.

No. of Pages : 45 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.735/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DURABLE HIGH PERFORMANCE ADHESIVE-BONDED ALLERGEN BARRIER LAMINATES AND PROCESS FOR MAKING SAME

(51) International classification :B32B 5/00
(31) Priority Document No :12/538,440
(32) Priority Date :10/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044941
Filing Date :10/08/2010
(87) International Publication No :WO 2011/019674
(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)KAWKA, DARIUSZ, WLODZIMIERZ

(57) Abstract :
A laminate useful as an allergen barrier structure, and process for making said laminate, comprising in order, a woven fabric layer having a thread count of 180 to 400; a nonwoven allergen barrier layer having a basis weight of from 6 to 10 g/m2 and consisting of fibers having average diameter of from 100 to 450 nanometers; and a tricot knit fabric layer; wherein the layers are attached by at least one adhesive distributed in discrete areas on the allergen barrier layer and penetrating into at least 70% of the thickness of that layer and also penetrating into but not through the woven and knit fabric layers. The laminate has a total basis weight of from 50 to 300 g/m2 and a filtration efficiency after 35 washings of 95 percent or greater for a 1 micrometer particle challenge of up to 1.6 liters per minute airflow.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.769/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DETERMINING LOADS USING VARIOUS SENSOR LOCATIONS

(51) International classification :F03D 7/02
(31) Priority Document No :13/837,262
(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)Edward Anthony MAYDA

(57) Abstract :
A system and method for pressure bascd load measurement are provided. The systern and method measure at least one prcssurc differential on an airlbil and determine at least one aerodynamic load associated with the at least one pressure differential. The determined at least one load is used to modify characteristics of the aircoil to increase efficiency andlor avoid damage. The determined at least one aerodynamic load may be further utilized to balance andlor optimize loads at the airfoil, estimate a load distribution along the airfoil used to derive other rnetrics about the airfoil, andlor used in a distributed control system to increase efficiency andlor reduce damagc to, c.g., one or more wind turbines.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.755/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR WELDING ROTORS FOR POWER GENERATION

(51) International classification :B23K9/02
(31) Priority Document No :13162319.1
(32) Priority Date :04/04/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)BALBACH, WERNER MARTIN
3)GIORGI, GIANNI
4)KIEWEL, HOLGER

(57) Abstract :
The invention relates to a method for welding rotors for power generation (gas turbines, steam turbines, generators), which comprise a plurality of rotor discs arranged along a rotor axis, said method comprising the steps of: providing forged and NDT tested rotor discs (26); machining said discs (26) for weld seam preparation, said weld seam preparation comprising an inner narrow TIG welding gap and an adjoining outer SAW welding gap; stapling the discs (26) on top of each other; checking the run-out of the stapled discs (26) relative to each other and as a whole and, if necessary, adjusting the staple; melting the root of the weld without weld filler using TIG welding; increasing the weld height by narrow gap TIG welding with parent metal weld filler to allow tilting of the rotor in horizontal position. tilting the rotor in horizontal position; finalizing the welding by filling the outer SAW welding gap using SAW welding; and checking the welds of the rotor by NDT using ultrasonic testing. A costly and time-consuming additional machining step is avoided by said weld seam preparation machining step comprising preparing an optimized transition geometry of TIG welding gap to SAW welding gap transition with a first opening (28) having a first opening angle and a second opening (29) having a second opening angle greater than said first opening angle.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.755/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PYRAZOLOPYRIMIDINE JAK INHIBITOR COMPOUNDS AND METHODS

(51) International classification :C07D 487/04
(31) Priority Document No :61/222,918
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040906
Filing Date :02/07/2010
(87) International Publication No :WO 2011/003065
(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)MENDONCA, ROHAN
7)PASTOR, RICHARD
8)RAWSON, THOMAS E.
9)SIU, MICHAEL
10)ZAK, MARK E.
11)ZHOU, AIHE
12)ZHU, BING-YAN

(57) Abstract :
A compound of Formula I, enantiomers, diasteriomers, tautomers or pharmaceutically acceptable salts thereof, wherein R1, R2 and R3 are defined herein, are useful as inhibitors of one or more Janus kinases. A pharmaceutical composition that includes a compound of Formula 1 and a pharmaceutically acceptable carrier, adjuvant or vehicle, and methods of treating or lessening the severity of a disease or condition responsive to the inhibition of a Janus kinase activity in a patient are disclosed.

No. of Pages : 285 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(21) Application No.771/DEL/2003 A
(19) INDIA
(22) Date of filing of Application :02/06/2003
(43) Publication Date : 19/06/2015

(54) Title of the invention : A HIGH-VOLTAGE OR MEDIUM-VOLTAGE SWITCH DEVICE WITH COMBINED VACUUM AND GAS BREAKING

(51) International classification :H01H 9/40
(31) Priority Document No :0206911
(32) Priority Date :05/06/2002
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MICHEL PERRET
3)DENIS DUFOURNET

(57) Abstract :
A high-voltage or medium-voltage switch device with combined vacuum and gas breaking A hybrid high-voltage or medium-voltage breaker device comprises: - an enclosure (12) filled with a dielectric gas, - a vacuum switch (10) comprising a fixed first arc contact (1) and a second arc contact (2) which can move in translation in the axial direction of the enclosure, - means adapted to exert a force on the second contact when the vacuum switch allows current to flow, - a gas switch (11, 40) comprising a fixed or quasi-fixed third arc contact (3, 3) and a fourth arc contact (4) which can move in translation, and - an operating rod (6) connected to the fourth contact. The device further comprises: - connection means (13) for electrically-connecting the second and third contacts, adapted to be moved in translation conjointly with the second contact, - displacement means connected to the connection means and to the rod (6) to move them to separate the second and fourth contacts from the first and third contacts, respectively, comprising dead travel connecting means for moving the rod over a particular dead travel (D) at the same time as operating on the connection means to hold the vacuum switch closed during said movement, and adapted thereafter to acquire a movement in translation which is independent of the movement acquired simultaneously by the connection means.

No. of Pages : 62 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.437/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SURGICAL IMPLANT FOR MUSCLE WALL REPAIR

(51) International classification :A61F2/00,A61B17/00
(31) Priority Document No :10 2012 016 090.9
(32) Priority Date :14/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/002356
Filing Date :06/08/2013
(87) International Publication No :WO 2014/026745
(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)DEICHMANN Thorsten
5)KAISER Dajana
6)HARTKOP Birgit
7)HENNEMANN Andrea

(57) Abstract :
A surgical implant (1) adapted for repairing a tissue or muscle wall defect comprises an outer section (8) and an inner section (6) located in the outer section (8) wherein the outer section (8) and the inner section (6) are formed from one double sheet of a flexible basic structure which preferably comprises a mesh. The implant can be strengthened by reinforcement elements (12).

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(21) Application No.558/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :27/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELEVATOR TRAFFIC DEMAND PREDICTION APPARATUS

(51) International classification	:B66B
(31) Priority Document No	:2013-046937
(32) Priority Date	:08/03/2013
(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)TOSHIO SUGIHARA
3)HIDEO SAKAMOTO
4)TOSHIAKI TANAKA
5)NORIMASA ASANO
6)RYOSUKE MAKIOKA

(57) Abstract :
According to one embodiment, an elevator traffic demand prediction apparatus includes following elements. 5 The acquisition unit acquires an elevator control result including getting-on loads and getting-off loads for respective moving directions and respective floors. The calculation unit calculates a feature amount of a traffic demand based on the elevator control result. The feature 10 amount database stores the calculated feature amount. The predictor predicts a traffic demand by using experts each configured to predict a category of a traffic demand by referring to different data items included in the feature amount database. The selector selects a control method 15 complying with the prediction result from a plurality of predetermined control methods.

No. of Pages : 72 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.707/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MARKERS FOR ENDOMETRIAL CANCER

(51) International classification :C12Q 1/68
(31) Priority Document No :09166398.9
(32) Priority Date :24/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/004550
Filing Date :23/07/2010
(87) International Publication No :WO 2010/009637
(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)REVENTS PUIGJANER JAUME
7)ROSSELL ELISABET

(57) Abstract :
The invention relates to the surprising finding that biomarkers corresponding to ACAA1, AP1M2, CGN, DDR1, EPS8L2, FASTKD1, GMIP, IKBKE, P2RX4, P4HB, PHKG2, PPFIBP2, PPP1 R16A, RASSF7, RNF183, SIRT6, TJP3, EFEMP2, S0CS2, and DCN are differentially expressed in control samples as compared to samples from patients having endometrial cancer and are therefore useful for detecting endometrial cancer. In particular these biomarkers having excellent sensitivity, specificity, and/or the ability to separate affected from non affected individuals. Furthermore, the inventors found that the differential expression of these biomarkers in primary endometrial cancer tumor tissue is correlated to their expression level in uterine fluid samples as compared to control values. Thus these biomarkers are robust in that they are found to be differentially expressed in several different types of samples from affected individuals.

No. of Pages : 296 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.759/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD TO FORM A REAL TIME INTENT BASED SOCIAL GROUP

(51) International classification :G06F
(31) Priority Document No :61802160
(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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(72)**Name of Inventor :**
1)SIVA PRAKASA REDDY PAPPULA

(57) Abstract :
A method to establish a social group in real time is provided. The method comprises collection of a users interest information through a software application provided on the users computing device. The method fiirther matches the users interest query with interest information of other users kept in the main system server. The system server then identifies various users having common interest information as that of the user and creates a social group of such users.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.775/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BLADE BALANCING

(51) International classification :F03D 7/02
(31) Priority Document No :13/837,313
(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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3)Erick James RICKARDS

(57) Abstract :
A system and method for pressure based load measurement are provided. The system and method measure at least one pressure differential on an airfoil and determine at least one aerodynamic load associated with the at least one pressure differential. The determined at least one load is used to modify characteristics of the airfoil to increase efficiency and/or avoid damage. The determined at least one aerodynamic load may be further utilized to balance and/or optimize loads at the airfoil, estimate a load distribution along the airfoil used to derive other metrics about the airfoil, and/or used in a distributed control system to increase efficiency and/or reduce damage to, e.g., one or more wind turbines.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.728/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :12/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REAL TIME SUBSET GEOMETRY SCRREENING FOR VARYING SATELLITE CONSTELLATIONS •

(51) International classification	:G01S 19/27
(31) Priority Document No	:13/847,645
(32) Priority Date	:20/03/2013
(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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1)JOSEPH E. SCHEITLIN

(57) Abstract :
A method for real time subset geometry screening comprises the steps of determining a list of satellites in view of a ground based augmentation system in a navigation satellite system for a subsequent time interval in the future, defining at least one set of subset geometries from the list of available satellites, calculating a respective first vig for each of the at least one set of subset geometries, setting a respective broadcast vig for each set of subset geometries as the larger of the first vig and a second vig, wherein the second vig was calculated for the previous time interval, saving the first vig for a next iteration of the method, and selecting from the plurality of broadcast vig to match an available broadcast constellation. vig is a vertical ionosphere gradient standard deviation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.728/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : RAILWAY RAIL PAD

(51) International classification :E01B 9/68
(31) Priority Document No :0914633.3
(32) Priority Date :21/08/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/061843
Filing Date :13/08/2010
(87) International Publication No :WO 2011/020794
(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)COX, STEPHEN JOHN
2)HAMILTON, ROBERT JOHN
3)GARDNER, CHRISTOPHER

(57) Abstract :
A railway rail pad (1), for use beneath a railway rail in a rail fastening assembly as cushioning and/or electrical insulation, has first and second major faces (2, 3) , the first face (2) having a rail seat portion (20) on which a foot of a railway rail sits when the pad (1) is in use, and side members (4A, 4B) attached to and extending from two opposite edges of the first face (2) of the pad (1) . The side members (4A, 4B) are arranged so as to be located on respective opposite sides of the railway rail when the pad (1) is in use such that the rail seat portion (20) of the pad (1) lies between respective inwardly-facing wall faces (41A, 41B) of the said side members (4A, 4B) . When the pad (1) is not under load and is placed so as to rest on a surface with the first face (2) of the pad (1) uppermost and part of the surface lying beneath the rail seat portion of the pad, an inclination angle ($\alpha 1$, $\alpha 2$) between the wall face (41A, 41B) of each side member (4A, 4B) and that part of the surface beneath the rail seat portion on which the pad (1) is resting is greater than 90°. When the pad is not under load, the first face is substantially convex in a vertical plane that is perpendicular to the longitudinal axis of the rail when the pad is in use.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.810/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :20/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONNECTING DEVICE, AND CONNECTOR COMPRISING SUCH A DEVICE

(51) International classification :F16L37/18
(31) Priority Document No :1352581
(32) Priority Date :22/03/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ALAIN-CHRISTOPHE TIBERGHIEN
2)CHRISTOPHE DURIEUX
3)IGOR BAHNO

(57) Abstract :
The invention relates to a connecting device (10) adapted for transmitting pressurized fluids, comprising a pipe end (30) delimiting an inner flow channel (38) for a fluid, an end body (20) including an inner cavity isolated from the inner flow channel (38), and displacement means (40) for moving the pipe (30) in the body (20) between an unlocked configuration and a locked configuration. These displacement means (40) comprise a pivot (50), an off-centered member (60), a connecting rod (70) and a rear housing formed in the body (20), defining a first articulation diameter (F1) between the pivot (50) and the off-centered member (60) around a first axis (A1), a second articulation diameter (F2) between the off-centered member (60) and the connecting rod member (70) around a second axis (A2), and a third articulation diameter (F3) between the connecting rod (70) and the rear housing around a third axis (A3). The three axes (A1, A2, A3) are separate and parallel to a transverse direction transverse of the device (10). The distance between the first and second axes (A1, A2) is smaller than the half-sum of the first and second diameters (F1, F2). The distance between the second and third axes (A2, A3) is smaller than the half-sum of the second and third diameters (F2, F3). The translatable pivot (50) is capable of pushing the pipe (30) back in a forward direction (D1)

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014
(21) Application No.740/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : WALL-HUNG TOILET

(51) International classification :E03D11/14
(31) Priority Document No :61/781,745
(32) Priority Date :14/03/2013
(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)Michael Bates
3)Rob Davis
4)Carl Barlett
5)John Zutz
6)Thomas C. Jorsch

(57) Abstract :
A wall-hung toilet including a bowl, a water inlet chamber receiving water, a rim channel, a shroud surrounding at least a portion of the bowl, a rear mount, and a pocket. The rim channel is provided above the bowl and is fluidly connected to the water inlet chamber to receive the water. The rim channel includes an opening that introduces water into a rear portion of the bowl at an angle relative to vertical. The rear mount includes a mounting hole that is configured to connect the toilet to a wall via a fastener engaging the wall and the mounting hole. The pocket is formed in a side of the toilet and extends through the shroud to provide access to an interior side of the mounting hole from the side of the toilet, such that the fastener can be accessed through the pocket from the side of the toilet.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.740/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : REACTION MEDIUM FOR METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) BACTERIA

(51) International classification :C12Q 1/14
(31) Priority Document No :0903944
(32) Priority Date :13/08/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051705
Filing Date :12/08/2010
(87) International Publication No :WO 2011/018589
(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)JEAN-MARC ROCHE

(57) Abstract :
The present invention relates to a reaction medium for detecting and/or identifying methicillin-resistant Staphylococcus aureus (MRSA) bacteria, comprising a chromogenic substrate, a first antibiotic which belongs to the cephalosporin family and a second antibiotic which belongs to the aminoglycoside family.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.758/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD TO FORM A REAL TIME INTENT BASED SOCIAL GROUP

(51) International classification :G06F
(31) Priority Document No :61802160
(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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(72)**Name of Inventor :**
1)SIVA PRAKASA REDDY PAPPULA

(57) Abstract :
A method to establish a social group in real time is provided. The method comprises collection of a users interest information through a software application provided on the users computing device. The method fiirther matches the users interest query with interest information of other users kept in the main system server. The system server then identifies various users having common interest information as that of the user and creates a social group of such users.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.826/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :21/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DRIVE ARRANGEMENT FOR A SPINNING PREPARATORY MACHINE

(51) International classification :D04H 11/00
(31) Priority Document No :102013103177.3
(32) Priority Date :28/03/2013
(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

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(72)**Name of Inventor :**
1)Armin Brunner
2)Michael Strobel

(57) Abstract :
The present invention relates to a drive arrangement of a spinning preparation machine (2), such as a draw frame, the spinning preparation machine (2) comprising a drafting system (3) having a plurality of drafting system rollers (14, 15, 24) for drafting a fiber strand (5) passing through the spinning preparation machine (2) in a transport direction (T), the drive arrangement (I) comprising a drive in the form of a double shaft motor (6),th e double shaft motor (6) comprising a first shaft segment (7) and a second shaft segment (a), the spinning preparation machine (2) comprising one or more functional units (9) disposed upstream of the drafting system (3) in said transport direction (8) and serving at least partially for transporting and/or guiding the fiber strand (5) during operation of the spinning preparation machine (2). The invention proposes that the first shaft segment (7) is connected as a drive to at least one of the drafting system rollers (14, 15, 24) and the second shaft segment (8) is connected as a drive to at least one of the functional units (9). The invention further relates to a further drive arrangement of a spinning preparation machine (2), wherein the drive arrangement (1) comprises at least one first drive (19) and one second drive (20) for driving at least one of the remaining drafting system rollers (14, 15, 24), and wherein the second drive (20) is disposed downstream of the drafting system (3) in said transport direction (T).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2015
(21) Application No.425/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TREATING A STEEL ARTICLE

(51) International classification :C21D6/00
(31) Priority Document No :61/661540
(32) Priority Date :19/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046506
Filing Date :19/06/2013
(87) International Publication No :WO 2013/192282
(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)ZYRA Todd
3)NICHOLSON Brent
4)SLOAN Jim
5)COOPER Brad
6)SPARLING John
7)TUREK Mark
8)HASELKORN Mike

(57) Abstract :
A method for forming and treating a steel article of a high strength and high ductility alloy particularly suited for use as armor plate. The method includes the steps of providing a starting material for the steel article heating the starting material to a peak temperature range in less than ten seconds holding the heated steel composition at the peak temperature range for between two and six seconds quenching the heated steel composition from the peak temperature range to below 100 °C (212 °F) at a temperature rate reduction of 400 and 3000 °C/sec (752 and 5432 °F/sec) removing residual quench media from the surface of the quenched steel composition tempering the quenched steel composition at a temperature of 100 to 260 °C (212 to 500 °F); and air cooling the tempered steel composition to less than 100 °C (212 °F) to form a steel having desired mechanical properties.

No. of Pages : 42 No. of Claims : 110

(12) PATENT APPLICATION PUBLICATION
(21) Application No.515/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :25/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : PISTON COOLING SYSTEM

(51) International classification	:F01P 3/10
(31) Priority Document No	:2013-039914
(32) Priority Date	:28/02/2013
(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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4)MSAKI SABATO

(57) Abstract :
A piston cooling system includes: a nozzle pipe portion which communicates with an oil passage which is provided in an internal combustion engine and which extends towards an interior of a cylinder bore; and a flow path forming member which 5 is fixed to a distal end portion of the nozzle pipe portion and in which a plurality of oil jetting paths are formed, wherein: the distal end portion comprises an expanded pipe portion where the nozzle pipe portion is expanded and the flow path forming member is fittingly inserted into the expanded pipe portion; the flow path forming member has a distal end face which is exposed to an exterior portion at a distal end side of the 10 expanded pipe portion; and the flow path forming member is locked in the expanded pipe portion by deforming a distal end edge of the expanded pipe portion.

No. of Pages : 61 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.693/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING AN END TIME OF UPLINK BACK PROPAGATION

(51) International classification :H04W 28/00
(31) Priority Document No :200910150281.8
(32) Priority Date :25/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071252
Filing Date :24/03/2010
(87) International Publication No :WO 2010148681
(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)DELONG TANG
3)XIAOAN HOU
4)MIAO LI

(57) Abstract :
The invention provides a method and a system for determining an end time of uplink back propagation in a mobile communication system to solve a problem of accurately judging the end time of uplink back propagation, wherein the method includes the following steps: sending data with consecutive sequence numbers in a buffer of a packet data convergence protocol (PDCP) module to a serving gateway (S-GW) via an S1 tunnel; sending data with inconsecutive sequence numbers, which is from data with a first inconsecutive sequence number to last data in the buffer of the PDCP module, to a target base station via an uplink back propagation tunnel; generating an end marker datagram; sending the end marker datagram to the target base station via the uplink back propagation tunnel; and receiving, by the target base station, the end marker datagram and determining that the uplink back propagation has ended.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014

(21) Application No.833/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : COLPOTRANSILLUMINATOR FOR THE ARRANGEMENT ON AN UTERUS MANIPULATOR

(51) International classification	:A61B 17/42
(31) Priority Document No	:10 2013 205 201.4
(32) Priority Date	:25/03/2013
(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

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2)K–RNER, Eberhard
3)KLOSTERMANN, Reiner

(57) Abstract :
The invention relates to a co1potransilluminator for the arrangement on an uterus manipulator, wherein thc oolpotradluminator is designed in a slme-like manner of an elastic material, at a first distal axial end forms a portio receiver and at a second proximal end firms a vaginal seal, is designed in a waisted manner in a cc1twrl egion between the first rmd the s a n d axial end, and comprises axially extending stretch folds in tho tegion of the waist, as well as to an uterus manipulator with su& a colpoilluminator.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.390/DELNP/2015 A
(19) INDIA
(22) Date of filing of Application :16/01/2015
(43) Publication Date : 19/06/2015

(54) Title of the invention : FLUID DYNAMICS MACHINE COMPRISING A ROTOR AND A HOUSING

(51) International classification :F02C7/06,F01D9/06
(31) Priority Document No :12181150.9
(32) Priority Date :21/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065585
Filing Date :24/07/2013
(87) International Publication No :WO 2014/029580
(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)SEILER Marcel

(57) Abstract :
The invention relates to a steam turbine (1) having a rotor (3) and a housing, wherein the bearing (14) for supporting the rotor (3) is arranged in front of the last vane stage.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.699/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : PRECOATED METAL PLATE

(51) International classification :B32B
(31) Priority Document No :2009-181739
(32) Priority Date :04/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063445
Filing Date :03/08/2010
(87) International Publication No :WO 2011/016575
(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)KOHEI UEDA
3)IKUYA INOUE

(57) Abstract :
The object is the provision of a pre-coated mefal plate which has a high heat insulation and is excellent in workability and a coated metal article. A pre-coated metal plate comprised of a metal sheet on one surface of on both surfaces of which at least two coating film layers are provided, said pre-coated metal plate characterized in that, among said at least two layers of coating film layers, a first coating film layer which is positioned at a lower side is a bubble-containing layer, said bubble-containing layer satisfies the following formulas: -0.lt+57.5≤V≤-0.05t+92.5 and 50<t

No. of Pages : 48 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.716/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A DIGITAL CONTENT DISTRIBUTION SYSTEM AND METHOD

(51) International classification :G06F 15/16
(31) Priority Document No :12/504,528
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042174
Filing Date :15/07/2010
(87) International Publication No :WO 2010/008984
(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)HUNT, NEIL D.
3)WEI, WEI

(57) Abstract :
One embodiment of the present invention sets forth a technique for selecting a content distribution network (CDN) comprising at least one content server, from a plurality of CDNs, and a playing digital content file from the CDN on a content player. Selecting the CDN is based on a rank order of CDNs, an assigned weight value for each CDN, and a bandwidth measured between the content player and each CDN. Advantageously, a given content player may select a CDN based on prevailing network and CDN loading conditions, thereby increasing overall robustness and reliability when downloading digital content file from a CDN.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.733/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : NEUROTOXINS EXHIBITING SHORTENED BIOLOGICAL ACTIVITY

(51) International classification :C12N 9/52
(31) Priority Document No :09164365.0
(32) Priority Date :02/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059398
Filing Date :01/07/2010
(87) International Publication No :WO 2011/000929
(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)HOFMANN, FRED
2)FREVERT, JURGEN

(57) Abstract :
The present invention relates to the pharmaceutical field. Specifically, it contemplates a polynucleotide encoding a Neurotoxin polypeptide exhibiting a reduced duration of the biological effect in a subject, wherein said polypeptide comprises a at least one degradation signal in the light chain as well as vectors and host cells comprising the said polynucleotide, polypeptides encoded thereby and antibodies specifically binding to the polypeptides. Moreover, the invention relates to medicaments comprising said polynucleotides and polypeptides as well as specific therapeutic applications thereof. Furthermore, the present invention contemplates methods for the manufacture of the polypeptides and medicaments..

No. of Pages : 155 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014
(21) Application No.854/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CENTER CONSOLE ARRANGEMENT

(51) International classification :B60N 3/12
(31) Priority Document No :10 2013 103 158.7
(32) Priority Date :27/03/2013
(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

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2)WINDORFER, Martin

(57) Abstract :
The invention relates to a center console arrangement in a motor vehicle, with an upwardly open storage compartment which is closable by means of a cover mounted pivotably at the rear end of the storage compartment. It is essential here to the invention for the cover to be displaceable in the longitudinal direction of the vehicle and to be supported at least in the two end positions thereof in relation to an edge of the storage compartment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2014
(21) Application No.550/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CATHETER ADAPTED FOR USE WITH GUIDE WIRE FOR ACCESSING VESSELS

(51) International classification	:A61B 18/14
(31) Priority Document No	:13/840,278
(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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1)KRISTINE B. FUIMAONO
2)DEBBY ESTHER GRUNEWALD

(57) Abstract :
An ablation catheter adapted for use with a guide wire has a 3-D shaped portion that carries ring electrodes for ablating a vessel or tubular region, including the renal artery. The 3-D shaped portion, for example, a helical portion, enables the ring electrodes to contact an inner surface of the vessel at a plurality of locations at different depths along the vessel to form a conduction block without forming a closed conduction loop which would otherwise increase the risk of stenosis of 10 the vessel. In one embodiment, the catheter has a lumen with entry and exit ports to allow the guide wire to pass through the lumen but bypass the 3-D shaped portion. In another embodiment, the catheter has outer bands providing side tunnels through which the guide wire can pass through.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014
(21) Application No.712/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SEMICONDUCTOR DEVICE AND SEMICONDUCTOR PACKAGE

(51) International classification	:H01L23/12
(31) Priority Document No	:10-2013-0027658
(32) Priority Date	:15/03/2013
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KIM, TAE-SUN
2)LIM-KYOUNG-MOOK

(57) Abstract :
A semiconductor device includes a system-on-chip (SOC) and at least one wide input/output memory device. The SOC includes a plurality of SOC bump groups which provide input/output channels, respectively, independent from each other. The at least one wide input/output memory device is stacked on the system-on-chip to transmit/receive data to/from the system-on-chip through the SOC bump groups. The SOC bump groups are arranged and the at least one wide input/output memory device is configured such that one of the wide input/output memory devices can be mounted to the SOC as connected to all of the SOC bump groups, or such that two wide input/output memory devices can be mounted to the SOC with each of the wide input/out memory devices connected a respective half of the SOC bump groups.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.712/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD OF CONSTRUCTING A TUNABLE RF FILTER

(51) International classification :H05K 1/18
(31) Priority Document No :61/273,821
(32) Priority Date :10/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044075
Filing Date :02/08/2010
(87) International Publication No :WO 2010/019530
(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)LAGROTTA, RICHARD, T.
(72)**Name of Inventor :**
1)LAGROTTA, JAMES, THOMAS
2)LAGROTTA, RICHARD, T.

(57) Abstract :
A method is disclosed for the fabrication of a tunable radio frequency (RF) power output filter that includes fabricating a core body and then forming a plastically deformable metallic shell over the exterior surface of the core body.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.746/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PESTICIDAL COMPOSITIONS

(51) International classification :A01N 43/64
(31) Priority Document No :61/232,152
(32) Priority Date :07/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044525
Filing Date :05/08/2010
(87) International Publication No :WO 2011/017504
(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)ANNETTE BROWN
2)GARY CROUSE
3)THOMAS SPARKS
4)CASANDRA MCLEOD
5)EMILY RIGSBEE
6)WILLIAM LAMBERT
7)NOORMOHAMED NIYAZ

(57) Abstract :
Pesticidal compositions and their uses are disclosed.

No. of Pages : 109 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014
(21) Application No.812/DEL/2014 A
(43) Publication Date : 19/06/2015

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

(51) International classification :B08B9/08 :DE 10
(31) Priority Document No 2013 102 916.7
(32) Priority Date :21/03/2013
(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 :**
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(72)**Name of Inventor :**
1)KUTSCHKE, DAVID

(57) Abstract :
The present invention relates to a device (1) for cleaning containers, preferably for cleaning returnable bottles in a beverage filling plant, comprising a main treatment area (12), in which the containers are treated by means of a main lye, and a post-treatment area (14), in which the containers are treated with a water bath or post-lye bath and rinsed with water, wherein in the post-treatment area (14) a flushing device (5) is provided for removing labels and/or residues of labels.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.868/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VENTILATION MEMBER

(51) International classification	:F24F13/28
(31) Priority Document No	:2013-064210
(32) Priority Date	:26/03/2013
(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)Kou UEMURA
2)Youzou YANO

(57) Abstract :
The present invention provides a ventilation member attachable to a housing having an opening for ventilation. This ventilation member includes: a support including: a base portion adapted to form an air passage between an interior space and an exterior space of the housing; and a leg portion extending from the base portion and adapted to be fitted into the opening; an air-permeable membrane disposed on the support to cover the air passage; and a sealing member made of a resin and placed at a root of the leg portion of the support. This sealing member has a compression set of 10% or less when measured under conditions of a test temperature of 100°C and a test time of 100 hours in accordance with JIS K 6262. According to the present invention, it is possible to provide a ventilation member suitable for preventing water from entering a housing even during a high-pressure car wash test using high-temperature water.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.688/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUSED AMINODIHYDROPYRRIMIDONE DERIVATIVES

(51) International classification :C07D 491/048
(31) Priority Document No :0912777.0
(32) Priority Date :22/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/060586
Filing Date :21/07/2010
(87) International Publication No :WO 2011/009897
(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)JOSE LUIS CASTRO PINEIRO
2)ADRIAN HALL
3)ANDREW MADIN
4)NGOC-TRI VO

(57) Abstract :
A compound represented by the general formula: or a pharmaceutically acceptable salt thereof or a solvate thereof, wherein Ring A is a C6-14 aryl group or the like, L is -NReCO- or the like (wherein Re is a hydrogen atom or the like), Ring B is a C6-14 aryl group or the like, X is a C1-3 alkylene group or the like, Y is a single bond or the like, Z is a C1-3 alkylene group or the like, R1, R2 and Rx are each independently a hydrogen atom or the like, and R3, R4, R5 and R6 are independently a hydrogen atom, a halogen atom or the like, has an A production inhibitory effect or a BACE1 inhibitory effect and is useful as a prophylactic or therapeutic agent for a neurodegenerative disease caused by A(3 and typified by Alzheimer-type dementia.

No. of Pages : 116 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.722/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR REMOVING ORGANIC DEPOSITS

(51) International classification :E21B 37/06
(31) Priority Document No :PI 20093108
(32) Priority Date :27/07/2009
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2010/000131
Filing Date :26/07/2010
(87) International Publication No :WO 2011/014057
(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)HALIM, NOR HADHIRAH BT
2)MOHAMAD IBRAHIM, JAMAL MOHAMAD BIN;
3)MOHD SHAGIAN, SITI ROHAIDA BINTI
4)MISRA, DR. SANJAY
5)SINGH, KULWANT

(57) Abstract :
A method and a thermo-chemical system for removing organic deposits such as wax, asphaltenes and resins in oil well borehole, and oil production and transportation tubing and pathway.

No. of Pages : 26 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.757/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD TO FORM A SOCIAL GROUP FOR A REAL TIME EVENT

(51) International classification :G06F
(31) Priority Document No :61802160
(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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(72)**Name of Inventor :**
1)SIVA PRAKASA REDDY PAPPULA

(57) Abstract :
A method to establish a social group in real time is provided. The method comprises collection of a users real time event information through a software application provided on the users computing device. The method fiirther matches the users interest query with event information of other users kept in the main system server. The system server then identifies various users having common interest information as that of the user and creates a social group of such users.

No. of Pages : 48 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(21) Application No.757/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRICAL CONNECTOR WITH SEPARABLE CONTACTS

(51) International classification :H01R 24/04
(31) Priority Document No :12/547,321
(32) Priority Date :25/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/002278
Filing Date :19/08/2010
(87) International Publication No :WO 2011/025525
(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)PEPE, PAUL JOHN
2)BOPP, STEVEN RICHARD

(57) Abstract :
A contact sub-assembly (110) is provided for an electrical connector (100). The contact sub-assembly (110) includes a printed circuit (132) and an array (117) of mating contacts (118). Each mating contact (118) includes a terminating end portion (154) and a mating interface (120). The contact sub-assembly (110) also includes an array (136) of circuit contacts (138) that is discrete from the array (117) of mating contacts (118). Each circuit contact (138) is engaged with and electrically connected to the printed circuit (132). Each circuit contact (138) is separably engaged with and electrically connected to the terminating end portion (154) of a corresponding one of the mating contacts (118) such that the array (136) of circuit contacts (138) electrically connects the array (117) of mating contacts (118) to the printed circuit (132).

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.884/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : EXHAUST GAS MIXER AND CONSTANT VOLUME SAMPLING APPARATUS

(51) International classification	:G01N 15/06
(31) Priority Document No	:2013-074767
(32) Priority Date	:29/03/2013
(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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1)OHTSUKI, Satoshi
2)KUMAGAI, Tatsuki
3)YOSHIMURA, Sayaka
4)TSUJI, Yoshiko

(57) Abstract :
The present invention is intended to reduce noise or vibration occurring in an exhaust gas mixer, and provided with: a mixer main body that has a hollow part extending in an axial direction; an inner pipe part that is provided in the hollow part along the axial direction; a gas introduction part that is provided to the mixer main body, and introduces mixing target gas into a space to spiral the mixing target gas; and a gas lead-out part that is provided in the inner pipe part to lead out the mixing target gas, wherein a central axis of the inner pipe part and a central axis of the hollow part are provided in mutually different positions.

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2014
(21) Application No.781/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MOUNTING ARRANGEMENT FOR LOAD COMPENSATING DEVICE

(51) International classification :F03D 7/02
(31) Priority Document No :13/831,951
(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)Nathan John BURGESS
3)Myron Floyd MILLER

(57) Abstract :
A mounting arrangement for a load conpensating device is provided. The lounting arrangement includes a cover shcet connected to a housing via a plurality of protrusions. The cover sheet may form a portion of a surfacc of an airfoil rotor blade. The housing may include a plurality of clamps extending outward from the housing and configured to contact an inner surface of the airfoil rotor blade. By tightening the clamps onto the interior surface, the device is mounted to the blade and the cover sheet may deform to correspond to the airfoil geometry of the airfoil rotor blade. The mounting arrangement]nay further include a mounting plate configured to permit the housing to float within the aperture formed in the airfoil rotor blade, and a tab arranged on one end of the mounting plate to distribute centrifugal force to the surface of the airfoil rotor blade.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.816/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :20/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : THREAD GUIDE DEVICE FOR A TEXTILE MACHINE, PARTICULARLY FOR A RING SPINNING MACHINE

(51) International classification :D01H 1/00
(31) Priority Document No :10 2013 103 050.5
(32) Priority Date :26/03/2013
(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

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(72)**Name of Inventor :**
1)J¼rgen Schneider
2)Uwe Heitmann

(57) Abstract :
The invention relates to a thread guide device for a textile machine for positionin5 g between a drafting system (2) for supplying a thread (F) and a rotationally driven spindle (10) for winding up the thread (F) into a bobbin (K), the thread (F) receiving a twist between the drafting system (2) and the spindle (10), a traveler device (12) being provided and being supported by means of a bearing arrangement (13) on a support device (9) moving back and forth in an axial direction relative to the spindle (10), the bearing arrangement (13) comprising at least three support rollers (14, 14™, 14™™) each rotationally supported about roller axis (15, 15™, 15™™) running parallel to the axis (A) of the spindle (10) and each comprising a contour (16, 16, 16) on the circumference thereof following a corresponding counter-contour (17) formed on the outside of the traveler device (12), so that the traveler device (12) is rotationally supported coaxially with the spindle (10), the traveler device (12) comprising a deflecting device (18) for deflecting the thread (F) and disposed so that the thread (F) exiting the deflecting device (18) is drawn in the direction tangential to the bobbin (K), thereby causing the traveler device (12) to rotate.

No. of Pages : 50 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(21) Application No.912/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :29/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AIR CONDITIONING SYSTEM OF DATA CENTER USING HEAT PIPE AND METHOD FOR CONTROLLING THEREOF

(51) International classification	:H05K 7/20
(31) Priority Document No	:10-2013-0046445
(32) Priority Date	:26/04/2013
(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)KIM, Jong Pil

(57) Abstract :
The present invention relates to an air conditioning system of data center using heat pipe comprising: a cooling room that allows air within the data center to be drawn in by a first fan and circulated and fed back to the data center; a heat radiation room located separately from the cooling room, which room allows outside air to be drawn into the inside through a second fan and then discharged to the outside; a heat pipe installed such that evaporator and condenser are located in the cooling room and heat radiation room, respectively,, wherein working fluid repeats phase changes of evaporation and condensation each in the evaporator and condenser, hence, the air passing through the cooling room is cooled by means of heat exchange with the evaporator and the air passing through the heat radiation room has heat exchange with the condenser; a sprayer installed in the heat radiation room and provided with a plurality of spray nozzles for spraying cooling fluid to the condenser; a cooling unit installed in the cooling room and cooling the air that passed the evaporator through heat exchange; dry bulb temperature measurement unit and wet bulb temperature measurement unit that each measures dry and wet bulb temperatures of outside air and output the temperatures as detection signal; and a control unit that receives the detection signal from the dry bulb temperature measurement unit and the wet bulb temperature measurement unit and control the sprayer and the cooling unit, Present invention helps actualize environment friendly energy saving data center which maintains operating environment of information technology related equipments that blocks the inflow of pollutants coming from the outside.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.724/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MAINTAINING LOW CARBON MONOXIDE LEVELS IN PRODUCT CARBON DIOXIDE

(51) International classification :C11B 3/52
(31) Priority Document No :12/566,822
(32) Priority Date :25/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044364
Filing Date :04/08/2010
(87) International Publication No :WO 2010/037689
(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)LECHNICK, WILLIAM J.
2)BRESLER, LEONID
3)DAVIS, LAMAR A.

(57) Abstract :
A process for maintaining a low carbon monoxide content in a carbon dioxide product that is made in a synthesis gas purification process is disclosed. More particularly, the invention involves an improved process in which a portion of a loaded solvent is sent through a carbon dioxide absorber instead of to a series of carbon dioxide flash drums.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014
(21) Application No.741/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ANTI-SIPHONIC TOILET

(51) International classification :E03D11/02
(31) Priority Document No :61/779,944
(32) Priority Date :13/03/2013
(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)Thomas M. Spankowski
3)Lachlan A. Stewart III
4)Andrew H. Matznick

(57) Abstract :
A wash-down toilet including a bowl, a passageway, and a trapway. The bowl includes a sump. The passageway includes an inlet in fluid communication with the sump, an outlet provided at a height above the inlet, and a weir. The trapway includes an inlet, an outlet, and a vent, with the inlet of the trapway being in fluid communication with the outlet of the passageway and the outlet being in fluid communication with a soil pipe. The vent is configured to introduce a supply of air into the trapway during a flush cycle to prevent siphoning.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.741/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AUTOMATIC MILK PREPARING DEVICE

(51) International classification :A47J 31/40
(31) Priority Document No :200910108829.2
(32) Priority Date :23/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/001515
Filing Date :02/02/2010
(87) International Publication No :WO 2011/009233
(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)SHUN ZHANG
2)YI JIANG

(57) Abstract :
An automatic milk preparing device (100) is provided, which comprises a microcontroller (10) fixed in the automatic milk preparing device (100) for controlling the operation of the automatic milk preparing device (100), a powder box (20) connected with the microcontroller (10) and provided with a powder output gate (201) in the front of the powder box for controlling the powder . to be added according to the signal from the microcontroller (10), a water tank (30) connected with the microcontroller (10) for controlling the water to be added according to the signal from the microcontroller (10), a stirring structure (40) fixed under the powder output gate (201), connected with the water tank (30) through a first water pipe (301) and provided with a milk outlet (401) at the lower part of the stirring structure, and a weight measuring structure (50) fixed below the stirring structure (40) and connected with the microcontroller (10) for laying a milk bottle (200), weighing water and/or milk powder in the milk bottle (200) and feeding the result of weight back to the microcontroller (10).

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.758/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PYRROLIDINE COMPOUND

(51) International classification :C07D 401/12
(31) Priority Document No :2005-141230
(32) Priority Date :13/05/2005
(33) Name of priority country :Japan
(86) International Application No :PCT/JP06/309988
Filing Date :12/05/2006
(87) International Publication No :WO 2006/121218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :8276/DELNP/2007
Filed on :26/10/2007

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3)TAKAHIRO TOMOYASU
4)NOBUAKI ITO
5)KUNINORI TAI
6)NORIAKI TAKEMURA
7)TAKAYUKI MATSUZAKI
8)YASUHIRO MENJO
9)SHIN MIYAMURA
10)YOHJI SAKURAI
11)AKIHITO WATANABE
12)YASUYO SAKATA
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14)KOHEI AKAZAWA
15)HARUHIKO SUGINO
16)NAOKI AMADA
17)SATOSHI OHASHI
18)TOMOICHI SHINOHARA
19)HIROFUMI SASAKI
20)CHISAKO MORITA
21)JUNKO YAMASHITA
22)SATOKO NAKAJIMA

(57) Abstract :
The present invention relates to a pyrrolidine compound of General Formula (1) or a salt thereof, wherein R101 is (1) a phenyl group, and R102 is one of the following groups (2) to (86):

No. of Pages : 252 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014
(21) Application No.880/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VEHICLE SUN VISOR

(51) International classification :B60J 3/02
(31) Priority Document No :2013-058652
(32) Priority Date :21/03/2013
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARAGUCHI Takashi

(57) Abstract :
An automobile sun visor (101) includes: a sun visor body (103); and a mirror unit (120). The mirror unit (1 20) includes; a mirror (1 23); a mirror retaining member (1 2 1) to keep the mirror (123) in place; and a mirror cover (125) attached to the mirror retaining member (121) and with a lighting apparatus (1 30) provided in it. Power is supplied to the lighting apparatus (130) when the mirror cover (125) is moved from a closed position to an open , position, and the power supply to the lighting apparatus (1 30) is shut oE when the mirror cover is moved from the open position to the closed position.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.706/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HERMETIC COMPRESSOR

(51) International classification :F04B 39/02
(31) Priority Document No :PI0902430-1
(32) Priority Date :24/07/2009
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2010/000257
Filing Date :26/07/2010
(87) International Publication No :WO 2011/009186
(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)LILIE DIETMAR ERICH BERNHARD
2)KRUEGER MANFRED
3)SANTIAGO RODRIGO ANTONIO

(57) Abstract :
The present invention refers to a hermetic compressor and, more specifically, a hermetic compressor comprising a centrifugal pump (1) to provide oil for the moving parts of said compressor. In the compressor of the present invention, the vertical shaft (7) extends axially from the rotor to form a free end (8) in its inferior portion, and said free end (8) is sized to be received in a corresponding end (12) of the centrifugal pump (1).

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.839/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :24/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRONIC CONTROL UNIT AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:H05K 7/20	(71)**Name of Applicant :**
(31) Priority Document No	:2013-68411	**1)DENSO CORPORATION**
(32) Priority Date	:28/03/2013	Address of Applicant :1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)AKIKAZU YOSHIDA**
Filing Date	:NA	**2)MASASHI ECHIGO**
(87) 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 :
In a method for manufacturing an electronic control unit, a circuit board (2) is made by forming an electronic circuit pattern (23) on a base plate member (20) and forming a.wall pattern (24, 27, 28) enclosing a planned forming region .. (211) of a fastener hole (210) on the surface (22). Moreover, the fastener hole (210) is formed in the planned forming region (211) after the making of the circuit board (2). Additionally, a resin seal member (3) is molded after the forming of the fastener hole (210) by charging a resin material (30) into a cavity (50) of a metallic mold (5) with keeping contact between the metallic mold (5) and the wall pattern(24,27, 28) and by hardening-the resin material(30) in the cavity (50).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.725/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PICKLE LINE ASSEMBLY WITH INCLINED EXPANSION SEAL

(51) International classification :C23G 3/02
(31) Priority Document No :61/229,604
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042864
Filing Date :22/07/2010
(87) International Publication No :WO 2010/017010
(61) 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 INDUSTRY, INC.
Address of Applicant :3333 OLD MILTON PARKWAY, ALPHARETTA, GEORGIA 30005-4437, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)THOMAS WILBERT KRALL

(57) Abstract :
A pickle line assembly is provided having a roll tank, a pickle tank, and an expansion seal. The roll tank includes a front and rear face that are angled towards one another at the upper end. The pickle tank includes front and rear openings, which can be brought into registration with an opening in the front face and rear face of the roll tank. Expansion seals are configured to surround a perimeter of the pickle tank substantially near the front and rear openings, and are angled at approximately the same angle as the front and rear face of the roll tank. The expansion seal encloses the path between the pickle tank and roll tank, and the tilt angle of the front and rear face of the roll tank allow the pickle tank to be vertically raised and lowered into position without interference.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.771/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DISTRIBUTED CONTROL SYSTEM

(51) International classification	:G05B1 3/02
(31) Priority Document No	:13/837,360
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Jonathon Paul BAKER

(57) Abstract :
A system and niethod for pressure based load ineasurcnient are provided. lhe system and method nieasure at least onc pressure differential on an airfoil and determine at Icast one aerodynamic load associated with thc at least one pressure differential. The determined at least one load is used to modify charactcristics of the airfoil to increase cfficiellcy and/or avoid damage. The determined at least one aerodynamic load may be further utilized to balance andlor optiniizc loads at thc airfoil, estimatc a load distribution along the airfoil used to derive other netricsa bout the airfoil, andlor used in a distributed control system to increase efficiency andlor reduce damage to, e.g., one or more wind turbines.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.840/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :24/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : VACUUM CHAMBER WITH A ONE-PIECE METALLIC COVER FOR SELF-CENTERING

(51) International classification	:H01H 33/662
(31) Priority Document No	:13001668.6
(32) Priority Date	:02/04/2013
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) 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)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44, CH-8050 Zurich, Switzerland
(72)**Name of Inventor :**
1)DIETMAR GENTSCH

(57) Abstract :
The invention relates to a vacuum chamber (1) comprising at least one ceramic isolating cylinder (16) with two face ends, wherein at least one of the two face ends (2) of the ceramic isolating cylinder (16) is closed by a metallic cover (3) comprising an outer and an inner part (4, 5), wherein a distal end of the outer part (4) of the metallic cover (3) is thinner relative to the remainder of the outer part (4) of the metallic cover (3) and forms a metallic lid (6), wherein the metallic lid (6) is connected to at least one of the two face ends (2) of the ceramic isolating cylinder (16) in a vacuum tight manner. According to the invention the metallic cover (3) is formed in one piece and fits with the inner part (5) of the metallic cover (3) at an inner girthed area (7) of the ceramic isolating cylinder (16) to realize a self-centering of the metallic lid (6) to at least one of the two face ends (2) of the ceramic isolating cylinder (16).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.402/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NON AQUEOUS ELECTROLYTE SECONDARY BATTERY

(51) International classification :H01M10/0567,H01M10/052,H01M10/0569
(31) Priority Document No :2012145774
(32) Priority Date :28/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067573
Filing Date :26/06/2013
(87) International Publication No :WO 2014/003077
(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)ISHIKAWA Hitoshi
2)NAKAMURA Akinobu
3)UTSUGI Koji

(57) Abstract :
The present invention pertains to a non aqueous electrolyte that contains a non aqueous electrolyte solvent a supporting electrolyte and a sulfonate represented by a predetermined formula and is characterized by the concentration of the sulfonate being at least 0.001 wt% and less than 0.2 wt% with respect to the total mass of the non aqueous electrolyte.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2015
(21) Application No.417/DELNP/2015 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ABRASIVE ARTICLE FOR LOWER SPEED GRINDING OPERATIONS

(51) International classification :B24D3/20,C09K3/14,C09C1/68
(31) Priority Document No :61/668860
(32) Priority Date :06/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049251
Filing Date :03/07/2013
(87) International Publication No :WO 2014/008356
(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)SARANGI Nilanjan
2)RUKMANI Sandhya Jayaraman
3)FOX Stephen E.
4)KRAUSE Russell L.

(57) Abstract :
An abrasive article includes a bonded abrasive body having abrasive particles contained within a bond material. The bonded abrasive body may include an abrasive particle to bond material interfacial modulus of elasticity (MOE) of at least about 225 GPa. The bonded abrasive body may be configured to grind a workpiece comprising metal at a speed of less than about 60 m/s.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.718/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PAPER WITH SURFACE TREATMENT

(51) International classification :B41M 5/50
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/022678
Filing Date :31/01/2010
(87) International Publication No :WO 2011/093896
(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)ZHOU, XIAOQI
2)WINGKONO, GRACY
3)EDMONDSON, DAVE

(57) Abstract :
A surface-treated paper produced by applying a surface sizing composition to at least one surface of a base paper, wherein said surface sizing composition comprises a non-film-forming polymer latex and a metallic salt, said non-film-forming polymer latex has a minimum film-forming temperature (MFFT) of greater than 70°C, and said surface sizing composition does not form a continuous film on the treated surface

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014
(21) Application No.736/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR AUTHENTICATING A WATER TREATMENT ELEMENT

(51) International classification :G06K
(31) Priority Document No :61/779,921
(32) Priority Date :13/03/2013
(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 :**
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(72)**Name of Inventor :**
1)VERMA, Manu
2)KOTDIYA, Vishal
3)KHURANA, Daljeet
4)VASUDEVAN, Mukund

(57) Abstract :
Embodiments of the invention provide an authentication system and method for a water treatment system. The authentication system includes a housing, a remote antenna positioned within the vicinity of the housing, a water treatment element installed within the housing, a tag associated with the water treatment element or on the housing, a RFID reader, and a controller in communication with the RFID reader and configured to communicate with the RFID reader to authenticate the water treatment element. The method includes wirelessly receiving a data stream from a tag embedded in a water treatment element, determining if the water treatment element is genuine by comparing the data stream to a password embedded in the RFID reader, and selectively allowing or inhibiting operation of the water treatment system based on the determination.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.736/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : 5-FLUOROPYRIMIDINONE DERIVATIVES

(51) International classification :C07D 339/02
(31) Priority Document No :61/232,177
(32) Priority Date :07/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044579
Filing Date :05/08/2010
(87) International Publication No :WO 2011/017540
(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)BETH LORSBACH
5)KEVIN MEYER
6)W. OWEN
7)MICHAEL SULLENBERGER
8)JEFFERY WEBSTER
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10)TIMOTHY P. MARTIN

(57) Abstract :
This present disclosure is related th the field of 5- fluoropyrimidinones and their derivatives and to the use of these compounds as fungicides.

No. of Pages : 64 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.703/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTROMAGNETIC FLOW RATE METER FOR CONDUIT PIPE AND METHOD FOR MANUFACTURING SAME

(51) International classification :G01F 1/58
(31) Priority Document No :2009-188886
(32) Priority Date :18/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062540
Filing Date :26/07/2010
(87) International Publication No :WO 2011/021476
(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)NISHIURA MASATO
3)MATSUE TOMHIKO
4)KAMIYAMA TETSUYA

(57) Abstract :
The measurement accuracy of an electromagnetic flow rate meter is improved by accurately controlling the height of a step between the inner wall surface of a conduit pipe and the tip surface of each electrode. Also, a high level of liquid-tightness at the boundaries between the conduit pipe and the electrodes is assured to improve the pressure resistance and durability of the electromagnetic flow rate meter. The conduit pipe for an electromagnetic flow rate meter consists of a resin material, and the conduit pipe and electromotive force measuring electrodes are molded integrally. A seal material for sealing between the conduit pipe and the electromotive force measuring electrodes are disposed at the portions in which the electromotive force measuring electrodes are embedded, and this increases the liquid-tightness.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.738/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : TECHNIQUE FOR CONTROLLING PUMPS IN A HYDRAULIC SYSTEM

(51) International classification :F15B 13/044
(31) Priority Document No :12/557,119
(32) Priority Date :10/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/048257
Filing Date :09/09/2010
(87) International Publication No :WO 2011/031851
(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)ROBERT WEBER
2)WAYNE G. CHMIEL
3)DAVE L. PERUGINI
4)MICHAEL G. ONSAGER
5)JOSEPH HELFRICH

(57) Abstract :
A hydraulic system includes a plurality of pumps that provide pressurized fluid to a plurality of hydraulic actuators some of which work more that others. That system is controlled by producing a usage value for each of the plurality of pumps which indicates an amount that the respective pump has worked. One of the pumps is assigned to each hydraulic actuator in response to the usage values. The pumps with lower usage values are assigned to hydraulic actuator which work more, so as to equalize the use of each pump. The assignment of pumps to hydraulic actuators changes with changes in the usage values for the plurality of pumps. When a given one of the plurality of hydraulic actuators is to operate, hydraulic fluid is routed from the assigned pump to that given one of the plurality of hydraulic actuators.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.702/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS OF RECOVERY OF BASE METALS FROM OXIDE ORES

(51) International classification :C22B 3/10
(31) Priority Document No :61/225,664
(32) Priority Date :14/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/BR2010/000227
Filing Date :14/07/2010
(87) International Publication No :WO 2010/006223
(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 :AVENIDA GRACA ARANHA, N° 26 CENTRO - RIO DE JANEIRO - RJ 20030-000 BRAZIL
(72)**Name of Inventor :**
1)CLARETI PEREIRA, ANTONIO
2)VALENTIM BERNI, TIAGO

(57) Abstract :
A method for recovering base metal values from oxide ore is provided, where the ore includes a first group metal selected from nickel, cobalt and copper. The method includes reducing ore particle size to suit the latter unit operation, favoring contact for the metal elements, contacting the ore with ferric or ferrous chloride, hydrated or anhydrous, to produce a mix of ore and iron (II or III) chloride subjecting the mixture of the ore and ferric or ferrous chloride to enough energy to decompose the chlorides into hydrochloric acid and a iron oxides from the second group, forming their respective chlorides, selectively dissolve the produced base metal chlorides, leaving the metal as oxides and in the solid state, and recovering the dissolved base metal values from aqueous solution.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.721/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :24/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : AMINOTETRAHYDROPYRANS AS DIPEPTIDYL PEPTIDASE-IV INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES

(51) International classification :A01N 43/42
(31) Priority Document No :61/239,242
(32) Priority Date :02/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046270
Filing Date :23/08/2010
(87) International Publication No :WO 2010/028455
(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)BIFTU, TESFAYE
2)CHEN, PING
3)FENG, DANQING
4)QIAN, XIAOXIA

(57) Abstract :
The present invention is directed to novel substituted aminotetrahydropyrans of structural formula I which are inhibitors of the dipeptidyl peptidase-IV enzyme and which are useful in the treatment or prevention of diseases in which the dipeptidyl peptidase-IV enzyme is involved, such as diabetes and particularly Type 2 diabetes. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which the dipeptidyl peptidase-IV enzyme is involved.

No. of Pages : 79 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.754/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : COMPOUNDS AS LYSOPHOSPHATIDIC ACID RECEPTOR ANTAGONISTS

(51) International classification :C07D 261/14
(31) Priority Document No :61/231,282
(32) Priority Date :04/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044284
Filing Date :03/08/2010
(87) International Publication No :WO 2011/017350
(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)HUTCHINSON JOHN HOWARD
2)SEIDERS THOMAS JON
3)WANG BOWEI

(57) Abstract :
Described herein are compounds that are antagonists of lysophosphatidic receptor(s). Also described are pharmaceutical compositions and medicaments that include the compounds described herein, as well as methods of using such antagonists, alone and in combination with other compounds, for treating LPA-dependent or LPA-mediated conditions or diseases.

No. of Pages : 136 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.802/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :19/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : TIN-PLATED COPPER-ALLOY MATERIAL FOR TERMINAL HAVING EXCELLENT INSERTION/EXTRACTION PERFORMANCE

(51) International classification :C25D 5/00
(31) Priority Document No :2013-062324
(32) Priority Date :25/03/2013
(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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1)KATO, Naoki
2)INOUE, Yuki
3)TARUTANI, Yoshie

(57) Abstract :
To provide tin-plated copper-alloy material for terminal having an excellent insertion/extraction performance by reducing dynamic friction coefficient to 0.3 or less with bringing out an excellent electrical-connection characteristic. Tin-plated copper-alloy terminal material in which an Sn-based surface layer is formed on a surface of a substrate made of Cu alloy, and a Cu-Sn alloy layer is formed between the Sn-based surface layer and the substrate; the Cu-Sn alloy layer contains Cu6Sn5 as a major proportion and has a compound in which a part of Cu in the Cu6Sn5 is substituted by Ni and Si in the vicinity of a boundary face at the substrate side; an arithmetic average roughness Ra of the Cu-Sn alloy layer is 0.3 μm or more in at least one direction and an arithmetic average roughness Ra in all direction is 1.0 μm or less; an oil-sump depth Rvk of the Cu-Sn alloy layer is 0.5 μm or more; and an average thickness of the Sn-based surface layer is 0.4 μm or more and 1.0 μm or less and dynamic friction coefficient is 0.3 or less.

No. of Pages : 24 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.742/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SPINNING POINT OF A SPINNING MACHINE AND METHOD FOR THE OPERATION OF THE SAME

(51) International classification :D01H4/50
(31) Priority Document No :102013102770.9
(32) Priority Date :19/03/2013
(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 :**
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1)Gerd Stahlecker
2)Markus K¼bler
3)Gernot Schffler
4)Evzen Pilar
5)Javier-Orlando Ricaurte-Rubio

(57) Abstract :
Spinning point of a spinning machine and method for the operation of the same The invention relates to a spinning point (1) of a spinning machine, whereas the spinning point (1) includes a spinning unit (5), a drawing-off device (6) for the yarn (2) downstream of the spinning unit (5) in the direction of transport (T) and a yarn storage (7) downstream of the drawing-off device (6) for the intermediate storage of a section of yarn, whereas the yarn storage (7) is allocated a sensor system (8) for monitoring the filling level of the yarn storage (7), whereas the spinning point includes a winding device (9) for the yarn (2) downstream of the yarn storage (7), along with a return unit (10), with the assistance of which an end of the yarn (11), which is found within the yarn storage (7) after a yarn break, is able to be returned into the area of the spinning point (1). What is also proposed is a method for the operation of a spinning point (1), characterized in that its winding device (9) is stopped in the case of a yarn break in such a manner that, after the stop of the winding device (9), an end section of the yarn (2) remains within the yarn storage (7), that, subsequent to this, a part of the yarn (2) is separated with the assistance of a yarn separation unit (17) internal to the spinning point, and that the end of the yarn (11) that newly arises in this manner is returned with the assistance of a return unit (10) internal to the spinning point into the area of the spinning point (1), and that a piecing process is then carried out.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.742/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SECURITY NET ON WATER OR ON THE GROUND

(51) International classification :E01F 7/04
(31) Priority Document No :01175/09
(32) Priority Date :24/07/2009
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2010/004230
Filing Date :12/07/2010
(87) International Publication No :WO 2011/009542
(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)PETER UTZ
2)STEPHAN WART- MANN

(57) Abstract :
According to the invention, a security net can be erected in or on water or on the ground and is provided, with a net or net-like structure (1) manufactured substantially from wire material, rope material, strand material or plastic material (2). The net (1) is bent together and forms longitudinal flanks (3, 4) and at least one arched region (5). The overlapping longitudinal flanks' (3, 4) can be connected together and several stabilisers (S) are associated with the net (1). In cross-section, the net (1) is constructed similarly to a teardrop, with the arched region (5) lying on or at least partially in the water. In this way, a largely double-walled security system is obtained, which is able to intercept impacting objects reliably and moreover gently, because the net and the three-dimensional protective net structure is deformable due to the relative flexibility thereof.

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.759/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : WEIGHING SCALE FOR FORKLIFT

(51) International classification :B66F
(31) Priority Document No :PCT/MY2010/000132
(32) Priority Date :29/07/2010
(33) Name of priority country :PCT
(86) International Application No :PCT/MY2010/000132
Filing Date :29/07/2010
(87) International Publication No :WO 2011/019265
(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)SIAW, SENG, SIONG

(57) Abstract :
A weighing scale for forklift and the like (10) for measuring weight of loads at the time they are lifted. The weighing scale comprises a stationary first member (12) and a movable second member (48) interconnected in a vertical parallel spaced apart relationship. The first member is mountable on fork carriage and the second member is connectable to fork thereto. There is a load cell (28) in the first member that works cooperatively with a means (60) in the second member to register any vertical displacements thereof and translate the registered data into weight lifted by the fork.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.756/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRICAL CONNECTORS WITH CROSSTALK COMPENSATION

(51) International classification :H01R 13/66
(31) Priority Document No :12/547,211
(32) Priority Date :25/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/002279
Filing Date :19/08/2010
(87) International Publication No :WO 2011/028238
(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)PEPE, PAUL JOHN
2)BOPP, STEVEN RICHARD

(57) Abstract :
An electrical connector (100) including mating conductors (118) configured to engage select plug contacts (146) of a modular plug (145). The connector (100) includes a printed circuit (132) that interconnects the mating conductors (118) to terminal contacts (143). The printed circuit includes first and second shielding rows (230, 232) of conductor vias (139) that are located between end portions (204, 206) of the printed circuit and are electrically connected to the mating conductors (118). The first and second shielding rows (230, 232) extend along first and second row axes (240, 242), respectively, which extend substantially parallel to each other. The printed circuit (132) also includes outer terminal vias (141) electrically connected to the terminal contacts (143). Each end portion (204, 206) has terminal vias (141) therein that are distributed in a direction along the first and second row axes (240, 242). The printed circuit (132) also includes a pair of shielded vias (151) located between the first and second shielding rows (230, 232) and along a central-pair axis (244) that extends substantially parallel to the first and second row axes (240, 242).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.753/DEL/2014 A
(43) Publication Date : 19/06/2015

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

(51) International classification :F02N15/00
(31) Priority Document No :102013204430.5
(32) Priority Date :14/03/2013
(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 :**
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(72)**Name of Inventor :**
1)BORES, Javier
2)KASKE, Stephan

(57) Abstract :
The present subject matter relates to a starting device for an internal combustion engine comprising a starter pinion, which is driven by a starter motor and a gear. A compensating ring with annular base body and at least one axially protruding compensating bridge is disposed between the motor housing of the starter motor and the gear.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.753/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : GEAR PUMP

(51) International classification :F04C 2/10
(31) Priority Document No :10 2009 028 154.1
(32) Priority Date :31/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/057973
Filing Date :08/06/2010
(87) International Publication No :WO 2011/012364
(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 :
Described herein is a gear pump (1) for delivering a fluid, which includes an externally toothed gearwheel (3) rotatably mounted on a journal (4), and an internally toothed annular gear (2), which are so as to produce a delivery action, and disposed together with an electrically commutable stator (7) inside a housing (5). The stator (7) extends concentrically around the annular gear (2) and cooperates with a magnetic ring (6) in order to generate an electromotive force. The magnetic ring (6) together with the annular gear (2) rotates in order to produce the delivery action. The annular gear (2) is mounted by a sliding bearing (25).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.743/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRICAL STORAGE DEVICE INCLUDING OXIDE-ION BATTERY CELL BANK AND MODULE CONFIGURATIONS

(51) International classification :H01M 12/08
(31) Priority Document No :61/232,533
(32) Priority Date :10/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039919
Filing Date :25/06/2010
(87) International Publication No :WO 2011/019455
(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)MEHRDAD TARTIBI
4)NICOLAS VORTMEYER
5)KEVIN P. LITZINGER
6)CHUN LU
7)MICHAEL JOSEF SUESS

(57) Abstract :
A rechargeable electrical storage device is disclosed, where one embodiment utilizes an anion (A) conducting electrolyte (18) and ion transfer between two electrodes (17, 19) where one electrode is preferably a metal electrode 19 that contains a mixture of metal and metal oxide, so that during operation, oxide-ions shuttle between the two electrodes (17, 19) in charging and discharging modes and the metal electrode (19) serves as a reservoir of species relevant to anion A.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.829/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :21/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : YARN SPLICING DEVICE, WINDING UNIT, TEXTILE MACHINE AND YARN SPLICING METHOD

(51) International classification	:D01H	(71)**Name of Applicant :**
(31) Priority Document No	:2013-119053	**1)MURATA MACHINERY, LTD.**
(32) Priority Date	:05/06/2013	Address of Applicant :3 Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)Akira SAWADA**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A yarn splicing device 10 includes a first untwisting section 40A adapted to untwist a first yarn end YAbyintroducingthe first yarn endYAthereto andapplying airflow on the first yarn end YA, and a second untwisting section 40B adapted to untwist a second yarn end YB by introducing the second yarn end YB thereto and applying airflow on the second yarn endYB. he yarn splicingdevice further includes a first electromagnetic valve 46A, a second electromagnetic valve 46B, and a control section 47 as an untwisting adjusting section adapted to adjust untwisting states of the first yarn end YA and the second 15 yarn end YB that are respectively untwisted in the first untwisting section 40A and the second untwisting section 40B. The untwisting adjusting section is adapted to cause action of airflow on the first yarn end YA in the first untwisting section 40A and action of airflow on the second 20 yarn end YB in the second untwisting section 40B to differ fromeachother suchthat theuntwisting states ofthe first yarn end YA and the second yarn end YB are equal to each other.

No. of Pages : 46 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014
(21) Application No.848/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BULB STRUCTURE AND LIGHT GUIDE LAMP COVER THEREOF

(51) International classification :F21V 8/00
(31) Priority Document No :102114604
(32) Priority Date :24/04/2013
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Ku-Yuan Huang

(57) Abstract :
A bulb structure and a light guide lamp cover thereof are provided. The bulb structure comprises a light source and a lamp body. The light source includes a circuit board and a plurality of light emitting elements disposed on the circuit board. The lamp body includes a light guide lamp cover disposed above the light source. The light guide lamp cover includes a light guide element and a holder. The light guide element covers a peripheral surface of the holder. The light guide element is moveably connected onto the holder through a fastening element and can move relative to the holder.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014
(21) Application No.847/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PRINTING COUPLE AND BLANKET PLATE FOR A PRITING COUPLE

(51) International classification :B41F
(31) Priority Document No :10 2013 103 712.7
(32) Priority Date :12/04/2013
(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 :**
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(72)**Name of Inventor :**
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2)ULRICH MEUTZNER

(57) Abstract :
A printing couple of a printing press, with an inking couple, a transfer cylinder (14) and a forme cylinder, wherein the inking couple applies printing ink onto at least one printing forme positioned on the forme cylinder, wherein the printing ink starting out from the or each printing forme can be applied onto a substrate (21) to be printed via at least one transfer forme formed as a blanket or blanket plate (23) positioned on the transfer cylinder (14), wherein between the transfer cylinder (14) and the or each blanket or between the transfer cylinder (14) and a metallic carrier (24) of the or each blanket plate (23) a contact structure (28) is positioned, which is either connected to the transfer cylinder (14) or to the metallic carrier (24) of the respective blanket plate (23), and wherein seen in axial direction of the transfer cylinder (14) the radial thickness of the contact structure (28) changes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.729/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL INFLUENZA VIRUS

(51) International classification :A61K 39/145
(31) Priority Document No :61/227,638
(32) Priority Date :22/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/060489
Filing Date :20/07/2010
(87) International Publication No :WO 2011/009864
(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)ROMANOVSKAYA-ROMANKO, EKATERINA
3)KISELEV, OLEG
4)WOLSCHEK, MARKUS
5)FERKO, BORIS
6)EGOROV, ANDREJ

(57) Abstract :
The present invention provides a novel influenza virus wherein both the NS and the PB1 gene segments are modified and wherein the PB1-F2 open reading frame is modified by introduction of at least one stop codon. Specifically, the influenza virus is lacking functional NS1 and PB1-F2 proteins. Additionally, a vaccine formulation comprising said modified influenza virus is provided and its use for prevention of influenza infection.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.745/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : JIG FOR MEASURING DIMENSIONS OF WORKPIECE

(51) International classification :G01N 33/543
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/063647
Filing Date :31/07/2009
(87) International Publication No :WO 2011/014485
(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)SUZUKI CO., LTD.
(72)**Name of Inventor :**
1)TAKAFUMI HIGASHIO
2)HIROYUKI NAKAZAWA
3)AKIMASA SUDA

(57) Abstract :
A jig 20 that is installed on a device for measuring dimensions of a workpiece 10 based on images obtained by taking pictures of the workpiece 10 with a camera K includes a chuck mechanism 50 holding the workpiece K, a first rotation drive mechanism 80 that rotates the chuck mechanism 50 around a predetermined first rotation axis A, a first base 30 holding the first rotation drive mechanism 80, a second rotation drive mechanism 40 that rotates the first base 30 around a second rotation axis B orthogonal to the first rotation axis A, and a second base 21 holding the second rotation drive mechanism 40. The first base 30 has an opening 31A in the area around the first rotation axis A such that the workpiece 10 held by the chuck mechanism 50 is seen from the back of the first base 30 through the opening 31A.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.762/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FLAVANONES-CONTAINING FOOD COMPOSITIONS

(51) International classification :A23C 9/152
(31) Priority Document No :09166698.2
(32) Priority Date :29/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060606
Filing Date :22/07/2010
(87) International Publication No :WO 2011/012525
(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)HOEBLER, PASCALINE

(57) Abstract :
The present invention relates to food products comprising flavanones. In particular, it relates to food products comprising hesperidin having improved stability. The present invention also concerns processes for the manufacturing of food products comprising said f lavanones, especially hesperidin and to the use of the food products in the manufacture of compositions for the improvement of bone and skin health. Said f lavanones are subjected to heating in water to a temperature of at least 138°C.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.778/DEL/2003 A
(19) INDIA
(22) Date of filing of Application :05/06/2003
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SPRING-LOADED MECHANICAL CONTROL MECHANISM FOR A HIGH-VOLTAGE OR MEDIUM-VOLTAGE CIRCUIT-BREAKER, THE CONTROL MECHANISM COMPRISING A TOOTHED WHEEL CO-OPERATING WITH A COG WHEEL

(51) International classification :H01H3/00
(31) Priority Document No :02 06982
(32) Priority Date :06/06/2002
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PETER VON ALLMEN

(57) Abstract :
The spring-loaded mechanical control mechanism tor a circuit-breaker in a high-voltage or medium-voltage grid comprises a toothed wheel (2) turned by a spring (4) from a first angular position to a second angular position, and a cog wheel (3) co-operating with the toothed wheel to displace it from the second angular position to the first angular position so as to tension said spring. Said toothed wheel has a peripheral set of teeth including a retractable segment (10) on which at least four teeth are spaced apart from one another at a constant pitch identical to the pitch of the primary teeth.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.849/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :24/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR RAPID CONSTRUCTION OF STRUCTURALLY REINFORCED CONCRETE STRUCTURES USING PREFABRICATED ASSEMBLIES AND METHOD OF MAKING THE SAME

(51) International classification :E04B
(31) Priority Document No :61/820,969
(32) Priority Date :08/05/2013
(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 :**
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1)James Timberlake
2)Billie Faircloth
3)Taylor Medlin
4)Rob Schaeffer
5)Jon Morrison
6)Chris MacNeal
7)Peter Curry`

(57) Abstract :
The present invention includes prefabricated assemblies which are assembled on a construction site to provide a permanent concrete mold with integrated structural reinforcement and structural splices for cast-in-place concrete structures. The invention 10 enhances the quality of the cast concrete structure while lowering the cost of construction and construction time. Described herein is a column form assembly, a column closure panel assembly, a beam form assembly, and a slab form assembly which are used to construct cast in place structurally reinforced concrete columns, beams, and floor slabs with minimal form work and construction site logistics. Also described herein are a method of assembly of said 15 structures and a method of fabricating said assemblies.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.711/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTI-LAYERED GRADIENT VAGINAL RING

(51) International classification :A61K 9/00
(31) Priority Document No :61/271,391
(32) Priority Date :21/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/030183
Filing Date :07/04/2010
(87) International Publication No :WO 2010/011099
(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)SPECK, JEFFREY
3)SALLENT, MARIA, TERESA
4)EVANS, SIMONE

(57) Abstract :
Multi-layered vaginal rings 2 comprising silicone elastomers and pharmaceutically active ingredients are disclosed. The rings comprise a number of layers, at least one of which contains a pharmaceutically active ingredient, and each of which is a silicone elastomer. The multiple layers preferably are produced from these layers of different compositions, including an inner layer 4, a middle layer 5, and an outer layer 6. After extrusion and simultaneous curing, however, the ring 2 includes a contiguous body which comprises a continuous silicone body providing unimpeded diffusion of the pharmaceutically active ingredient from the inner layer (s) 4 to the outer layer (s) 6. Methods of producing these vaginal rings and of using them are also disclosed.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2014
(21) Application No.780/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ACTUATION MECHANISMS FOR LOAD MANAGEMENT DEVICES ON AERODYNAMIC BLADES

(51) International classification :F03D 7/02
(31) Priority Document No :13/834,252
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Peter Everett Brooks
2)Nathan John Burgess
3)Myron Floyd Miller
4)Thomas Jay Green

(57) Abstract :
Systems, apparatuses, and methods are provided for actuating one or more load management devices on a wind turbine and/or a wind turbine blade. Each actuator may exhibit one or more beneficial qualities including appropriate actuation speed/force characteristics, size and/or weight characteristics, and/or increased reliability and consistent operation in a variety of operating conditions. According to some aspects, the actuator may be a direct pneumatic actuator, a ramp slide pneumatic actuator, a scissor actuator, a linear induction actuator, a belt actuator, a closed cam follower actuator, a screw drive actuator, a solenoid actuator, a rack and pinion actuator, a cylindrical cam follower actuator, a Y-belt actuator, an offset rotary drive actuator, a tape style actuator, a rigid tape actuator, a deformable membrane actuator, a memory alloy actuator, and/or a crank slide actuator.

No. of Pages : 66 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014
(21) Application No.813/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BELT TIGHTENING DRIVE

(51) International classification :F16H 7/24
(31) Priority Document No :10 2013 205 246.4
(32) Priority Date :25/03/2013
(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

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(72)**Name of Inventor :**
1)LUCHT Andreas
2)KOOP Matthias
3)SUELLAU Patrick

(57) Abstract :
The invention relates to a belt tightening drive (1) for tightening a seat belt (2) that can be wound about a winding shaft (4), comprising a spindle shaft(l3) driven by a drive unit (3) and a worm drive (10) with a worm supported in a torque-proof fashion on the spindle shaft(l3) and a driven wheel (1 l), engaged therewith and supported in a torque-proof fashion on the winding shaft (4). According to the invention it is provided that the worm (12) comprises a first toothed section (a) with a first toothed geometry (14), with in the first position (I) of the worm (12) the first toothed section (a) engages the driven wheel (1 l),the worm (12) comprises at least a first toothed section (a) and following a second toothed section (b) with a second toothed geometry (l5), with the first and second toothed geometries(l4, 10) being embodied differently, and depending on an axial application of force upon the worm (12) an axial displacement of the worm (12) is caused between a first position (I), in which the worm (12) engages the driven wheel (1 1) via the first toothed section (a), and a second position in which it engages the driven wheel (1 1) via its second toothed section (b),

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.832/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :21/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : LUBRICATING STRUCTURE OF CLUTCH DEVICE FOR MOTORCYCLE

(51) International classification :F16D
(31) Priority Document No :2013-083216
(32) Priority Date :11/04/2013
(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

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(72)**Name of Inventor :**
1)NAGAO, Makoto
2)IMANARI, Shuichi
3)NISHIO, Yuji

(57) Abstract :
A plurality of drive friction plates and driven friction plates are alternately arranged between a clutch housing rotary driven, by a crankshaft, around a countershaft,, and a sleeve hub interlocked and rotated with the countershaft. A spline formed to make the countershaft and the sleeve hub to be fitted with each other is functioned as a lubricating oil passage, and by the lubricating oil passage, the lubricating oil supplied to a periphery of the drive friction plates and the driven friction plates is properly throttled.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.739/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PRODUCTION OF CHLORINE BY GAS PHASE OXIDATION ON NANO-STRUCTURED RUTHENIUM CARRIER CATALYSTS

(51) International classification :B01J 23/46
(31) Priority Document No :10 2009 034 773.9
(32) Priority Date :25/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004287
Filing Date :14/07/2010
(87) International Publication No :WO 2011/012226
(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)JURGEN KINTRUP
4)THOMAS ERNST MULLER
5)TIM LODDENKEMPER
6)FRANK GERHARTZ
7)WALTHER MULLER

(57) Abstract :
The present invention relates to a process for the preparation of chlorine by gas phase oxidation using a supported catalyst based on ruthenium, characterised in that the catalyst support has a plurality of pores having a pore diameter > 50 nm and carries nanoparticles containing ruthenium and/or ruthenium compounds as catalytically active components.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014
(21) Application No.809/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VEHICULAR BATTERY PACK DEVICE

(51) International classification :H01M10/613
(31) Priority Document No :2013-077496
(32) Priority Date :03/04/2013
(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

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1)TAKIZAWA, Koji

(57) Abstract :
A battery pack device in which a battery module is incorporated in a battery case and a rear floor panel is disposed between a rear seat and a back panel that is disposed in a rear of the rear seat, and which is mounted on a vehicle body via a subframe so as to be disposed in an opening of the rear floor panel, and is provided with an air intake duct through which to send a cooling wind to inside the battery case and an air discharge duct through which to discharge air from inside the battery case, wherein the subframe is provided as defined herein, a bottom cover is attached to the subframe as defined herein, a rear end portion of the bottom cover is provided as defined herein, and an air outlet of the air discharge duct is opened as defined herein.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014
(21) Application No.828/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ORNAMENT

(51) International classification	:A44C
(31) Priority Document No	:2013-190211
(32) Priority Date	:13/09/2013
(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)DOBASHI, Hidetaka

(57) Abstract :
The second ring 31 and the fourth ring 33 are fixed to the ouch 5 so that the table surface 7a (front of the ornament unit) has a position that is directed upward by an angle alpha of about 5° to 45° with respect to the gravity direction. When it is in use condition, For example, it is achieved by twisting the first joint 61 and the second joint 63 by an angle corresponding to the angle alpha.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.715/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS AND KITS FOR ISOLATING PLACENTAL DERIVED MICROPARTICLES AND USE OF SAME FOR DIAGNOSIS OF FETAL DISORDERS

(51) International classification :G01N 33/50
(31) Priority Document No :61/219,824
(32) Priority Date :24/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2010/000504
Filing Date :24/06/2010
(87) International Publication No :WO 2010/150259
(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)AHARON, ANAT
2)BRENNER, BENJAMIN

(57) Abstract :
A prenatal method of analyzing a fetus is disclosed. The method comprising: (a) isolating placental derived microparticles; and (b) analyzing at least one component of the contents of the placental derived microparticles, wherein the at least one component is indicative of a characteristic of the fetus.

No. of Pages : 42 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(21) Application No.567/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :28/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRICAL CONNECTION BOX

(51) International classification :H01J 5/00
(31) Priority Document No :2013-041244
(32) Priority Date :01/03/2013
(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)SUZUKI MOTOR CORPORATION
(72)**Name of Inventor :**
1)KAZUYA INAMASU
2)YOSHINORI KORI

(57) Abstract :
According to one embodiment, an electrical connection box includes: a box body to be fixed to a vehicle body panel; a bracket provided above the box body, including: a mounting 5 portion extending upwardly from the bracket, the mounting portion configured to mount the box body onto the vehicle body panel; a water catch recess surrounded by walls in all directions and opened vertically upward, the water catch recess provided on a base end portion of the mounting portion; 10 a water discharge hole formed with a rear wall of the walls, the rear wall being situated on a side corresponding to the vehicle body panel and being extended upward to form the mounting portion; and an eaves portion projecting from the water discharge hole toward the vehicle body panel 15 continuously with the bottom surface of the water catch recess, the eaves portion being provided on a side surface of the bracket, which is corresponding to the vehicle body panel, and the eaves portion being situated nearer to the vehicle body panel than the box body.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.698/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : POLYMER COMPOSITION, METHOD FOR PRODUCTION NON-STRETCHED FILM, NON-STRETCHED FILM, HEAT SEAL MATERIAL, AND PACKING MATERIAL

(51) International classification :C08L 23/08
(31) Priority Document No :2009-162844
(32) Priority Date :09/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061209
Filing Date :30/06/2010
(87) International Publication No :WO 2011/004754
(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)SHIGENORI NAKANO
2)KAORU SUZUKI
3)TOSHIHISA TOYODA

(57) Abstract :
Provided is a polymer composition that contains an ionomer which includes an ethylene-α,-unsaturated carboxylic acid copolymer and a ternary polymer of ethylene-α,-unsaturated carboxylic acid-α,-unsaturated carboxylic acid ester, and a propylene-based polymer, wherein a melt flow rate (MFR) value (under a load of 2160 g) of the ionomer at a process temperature in forming a film by T-die melting casting method is from 50% to 250% based on an MFR value of the propylene-based polymer under the same condition.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(21) Application No.748/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ACTIVE MATERIAL FOR BATTERY, NONAQUEOUS ELECTROLYTE BATTERY, AND BATTERY PACK

(51) International classification	:C01D
(31) Priority Document No	:2013-062863
(32) Priority Date	:25/03/2013
(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)Yasuhiro Harada
3)Yorikazu Yoshida
4)Kazuki Ise
5)Norio Takami

(57) Abstract :
In general, according to one embodiment, the active material for a battery contains a niobium composite oxide represented by the formula: LixM(1-y)NbyNb2O(7+δ). M represents at least one kind selected from the group consisting of Ti and Zr. X, y, and δ are numbers respectively satisfying the following: $0 \leq x \leq 6$, $0 \leq y \leq 1$, and $-1 \leq \delta \leq 1$). The pH of the active material for a battery is from 7.4 to 12.5.

No. of Pages : 73 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.748/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR FRAUD DETECTION AND SHUT-OFF AT A FUEL DISPENSER

(51) International classification :B67D 7/30
(31) Priority Document No :12/536,187
(32) Priority Date :05/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044278
Filing Date :03/08/2010
(87) International Publication No :WO 2011/017345
(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)PAUL KAPER
3)CHRIS SCOTT
4)BRENT K. PRICE

(57) Abstract :
A system and method of detecting fuel theft at a fuel dispenser. The dispenser has a primary flow meter, an auxiliary flow detection device positioned at an entrance of a dispenser, and an auxiliary dispenser shutoff system. A rate of flow through the primary, flow meter and a rate of flow through the auxiliary flow detection device are calculated. The primary flow meter rate of flow and the auxiliary flow detection device rate of flow are compared. If the difference exceeds a threshold, a shut-off signal is provided to the auxiliary dispenser shutoff system to stop fuel flow through the dispenser.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014
(21) Application No.853/DEL/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PUMP, IN PARTICULAR HIGH-PRESSURE FUEL PUMP

(51) International classification :F02M5 9/36
(31) Priority Document No :102013210419.7
(32) Priority Date :05/06/2013
(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

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(72)**Name of Inventor :**
1)BOECKING, Friedrich

(57) Abstract :
The present subject matter relates to a pump, in particular, high-pressure fuel pump, comprising a pump cylinder 1, in which a pump piston 2 is movable to and fro adjacent to a pump working chamber 3 in a translational manner, which is connected with an inlet valve 4 and an outlet valve 5. According to the present subject matter, a pump is provided, which has a simple structure. This is achieved by the fact that the pump cylinder 1 is formed in a circular cylinder shape and is surrounded by a housing 6. Further, the housing 6 in the level of the pump working chamber 3 has a lateral recess 23 into which, a socket 24 accommodating an outlet valve 5 is inserted. By this configuration, the pump cylinder 1 can be configured as a simple rotating part equipped of a high-order material while the housing is produced as a simple casting.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.700/DELNP/2012 A
(43) Publication Date : 19/06/2015

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

(51) International classification :E21B 43/01
(31) Priority Document No :0910978.6
(32) Priority Date :25/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051014
Filing Date :18/06/2010
(87) International Publication No :WO 2010/150000
(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)MACKENZIE, HUGH
2)BAIN, ROBERT

(57) Abstract :
A method and apparatus for monitoring a fluid that is to be transported through a fluid conduit within a hydrocarbon exploration and production installation is described. A monitoring zone is established upstream of the fluid conduit configured such the fluid supply to the fluid conduit is introduced via the monitoring zone. The fluid supply within the monitoring zone is monitored for the occurrence of events detrimental to the flow of the fluid supply through the fluid conduit. Monitoring the fluid supply prior to entering the fluid conduit allows for the early detection of an event detrimental to the flow of the fluid supply e.g. a chemical reaction indicative of corrosion of the fluid conduit or the formation of a potential blockage within the fluid conduit. In this way the risk of costly blockages or structural failure occurring within the fluid conduit is reduced.

No. of Pages : 25 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.752/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUEL METERING DEVICE FOR A FUEL INJECTION SYSTEM

(51) International classification :F02M 59/36
(31) Priority Document No :10 2009 028 501.6
(32) Priority Date :13/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058791
Filing Date :22/06/2010
(87) International Publication No :WO 2011/018265
(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)MIEHLE, TILMAN
3)WESSNER, JOCHEN

(57) Abstract :
Described herein is a fuel metering device (10) for a fuel injection system for fuel in an internal combustion engines with a housing (46). The fuel metering device (10) includes a control valve (14) having a valve piston (42) and is actuated by an actuating device (12). The housing (46) is made of plastic.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.857/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AIR TO AIR HEAT EXCHANGER

(51) International classification :F28F27/02
(31) Priority Document No :61/805,712
(32) Priority Date :27/03/2013
(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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3)Issac Dandan
4)Kenneth Cornell
5)Benjamin Ranta
6)Daniel Richards

(57) Abstract :
An air to air heat exchanger includes a first and a second cooling air flow passage extending over a core depth of the heat exchanger. A heated air flow passage is arranged between the cooling air flow passages, and extends over a first percentage of the core depth. Thermally conductive separators are arranged between the heated air flow passage and each of the cooing air flow passages. A first structurally reinforced section is provided between the separators, and extends from a cooling air inlet face in the core depth direction over a second percentage of the core depth. A second structurally reinforced section is provided between the separators, and extends from a cooling air inlet face in the core depth direction over a second percentage of the core depth. A second structurally reinforced section is provided between the separators, and extends from a cooling air outlet face in the core depth direction over a third percentage of the core depth. The sum of the first, second, and third percentages is greater than 100 percent.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2012
(21) Application No.714/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INKJET INK COMPOSITION CONTAINING ANTI-KOGATION AGENTS

(51) International classification :C09D 11/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/068977
Filing Date :21/12/2009
(87) International Publication No :WO 2010/078842
(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)TYRELL, PAUL

(57) Abstract :
Ink compositions and methods of using the same are disclosed. An example ink composition includes an inkjet vehicle, from about 0.1 wt% to about 10 wt% of colorants, from about 0.01 wt% to about 10 wt% of anti-kogation agents, and from about 0.01 wt% to about 6 wt% of a water soluble component represented by formula (I).

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.732/DELNP/2012 A
(19) INDIA
(22) Date of filing of Application :25/01/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING BLOOD CONSTITUENTS IN THE LIQUID SYSTEM OF A DEVICE FOR EXTRACORPOREAL BLOOD TREATMENT

(51) International classification :A61M 1/16
(31) Priority Document No :10 2009 036 044.1
(32) Priority Date :04/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004697
Filing Date :31/07/2010
(87) International Publication No :WO 2011/015321
(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)BADO, ITKA
2)SCHEUNERT, PETER

(57) Abstract :
The invention relates to a device and a method for detecting blood or blood constituents in the liquid system of a device for extracorporeal blood treatment, comprising a dialysis device (1) or filter divided by a semipermeable membrane (2) into a first chamber (3) and a second chamber (4), wherein the first chamber (2) is part of the extracorporeal blood circulation system (I) and the second chamber (4) part of the liquid system (II) of the extracorporeal blood treatment device. The device according to the invention for detecting blood or blood constituents in the liquid system of an extracorporeal blood treatment device is designed as a unit for differentiating between the entry of blood into the liquid system due to a defect of the dialysis device or filter, for example a rupture of the semipermeable membrane of the dialysis device or filter, or the entry of hemoglobin into the liquid system due to hemolysis, wherein a differentiation is made between a defect of the dialysis device or filter or hemolysis based on the change in intensity of at least the blue fraction of the light exiting from the liquid.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.749/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :13/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ACTIVE MATERIAL FOR BATTERY, NONAQUEOUS ELECTROLYTE BATTERY, BATTERY PACK, AND METHOD FOR MANUFACTURING ACTIVE MATERIAL FOR BATTERY

(51) International classification	:H01M 4/485
(31) Priority Document No	:2013-064841
(32) Priority Date	:26/03/2013
(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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1)Yasuhiro Harada
2)Norio Takami
3)Hiroki Inagaki
4)Yorikazu Yoshida
5)Kazuki Ise

(57) Abstract :
In general, according to one embodiment, an 5 active material for battery includes a monoclinic complex oxide. The monoclinic complex oxide is expressed by the general formula LixM1M22O(7±δ) (wherein M1 is at least one element selected from the group consisting of Ti, Zr, Si, and Sn, M2 is at least one element selected from the group consisting of Nb, V, Ta, Bi, and Mo, $0 \leq x \leq 5$, and $0 \leq \delta \leq 0.3$), and has symmetry belonging to the space group C2/m (International tables Vol. A No. 12), and one element of the M2 or M1 being maldistributed in the occupied 2a and 4i sites in a crystal of the monoclinic complex oxide.

No. of Pages : 65 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.749/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE FOR PREVENTING JAMMING OF A FIBROUS MATERIAL, SUBJECT TO A COMPRESSIVE TREATMENT IN A STUFFING CHAMBER DEFINED BY A FEED ROLL AND A RETARD ROLL

(51) International classification :D06C 21/00
(31) Priority Document No :12/657,577
(32) Priority Date :25/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/000004
Filing Date :03/01/2011
(87) International Publication No :WO 2011/090772
(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)FRANK CATALLO

(57) Abstract :
A device for preventing jamming of a fibrous material subject to a compressive treatment in a stuffing chamber defined by a feed roll and a retard roll. The device includes an impact blade and a stabilizing apparatus. The impact blade is rigid and interchangeable. The stabilizing apparatus stabilizes the impact blade against moving away from the feed roll to prevent the jamming of the fibrous material between the feed roll and the impact blade during the compressive treatment of the fibrous material.

No. of Pages : 45 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/01/2012
(21) Application No.751/DELNP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR CATALYTIC CRACKING OF HYDROCARBON FEEDSTOCK

(51) International classification :C07C
(31) Priority Document No :10/801,424
(32) Priority Date :16/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008890
Filing Date :16/03/2005
(87) International Publication No :WO 2005/090523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4543/DELNP/2006
Filed on :07/08/2006

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RUIZHONG HU,
2)XINJIN ZHAO
3)RICHARD WORMBECHER
4)MICHAEL ZIEBARTH

(57) Abstract :
An improved process for catalytic cracking of hydrocarbon feedstock which contains organic sulfur compounds comprising contacting in a catalytic cracking reactor of a fluid catalyst cracking unit an inventory of fluid cracking catalyst composition, removing the liquid and gaseous product streams from said reactor, transferring a portion of the inventory to regenerators of said unit to remove contaminants before returning same to the reactor, removing a portion of the inventory from the unit while replacing same with fresh catalyst composition to provide an equilibrium state of said inventory, the improvement comprising (1) adding to the inventory of fluid cracking catalyst composition in the unit a fresh cracking catalyst composition comprising (a) at least 15% by zeolite, (b) at 3% by weight Lewis Acid-containing component, wherein (a) and (b) are present in separate particulate, the cracking catalyst composition further comprises less than 0.20 percent by weight Na2O, and (2) recovering a liquid product having a boiling point of up to about 220°C, said liquid product having a sulfur content that is at least 15 weight percent lower than that attained by a composition composed of the same zeolite catalyst without Lewis Acid-containing component (b).

No. of Pages : 52 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.877/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : PRINTED MATTER, PRINTED MATTER INSPECTION DEVICE, MANUFACTURING METHOD OF PRINTED MATTER, AND MANUFACTURING DEVICE OF PRINTED MATTER

(51) International classification	:B41M 3/14
(31) Priority Document No	:2013-076297
(32) Priority Date	:01/04/2013
(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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1)Takahisa NAKANO
2)Fumitoshi MORIMOTO
3)Takeo MIKI
4)Shota KURE
5)Nobuki NEMOTO

(57) Abstract :
A printed matter includes: a first sub image embedded in the main image which has the same color as a color of the main image in a human visual sense, and is printed with an ink to absorb light of an infrared wavelength band by a first absorption coefficient; and a second sub image embedded in the main image which has the same color as the color of the main image in a human visual sense, and is printed with an ink to absorb the light of the infrared wavelength band by a second absorption coefficient.

No. of Pages : 40 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(21) Application No.874/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : MATHEMATICAL EXPRESSION DISPLAY CONTROL APPARATUS, MATHEMATICAL EXPRESSION DISPLAY CONTROL METHOD, AND COMPUTER READABLE MEDIUM RECORDING MATHEMATICAL EXPRESSION DISPLAY CONTROL PROGRAM

(51) International classification	:G06F15/02
(31) Priority Document No	:2013-073994
(32) Priority Date	:29/03/2013
(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)Hiroaki YOSHIZAWA

(57) Abstract :
A mathematical expression display control apparatus includes a mathematical expression input unit, a mathematical expression display control unit, a cursor display control unit, an inverse number function input unit, an inverse number target detection unit and an inverse number display control unit. The mathematical expression input unit recognizes a mathematical expression. The mathematical expression display control unit displays the recognized mathematical expression on a display unit. The cursor display control unit moves and displays a cursor in the displayed mathematical expression. The inverse number function input unit recognizes an inverse number function. The inverse number target detection unit detects a chunk region of the mathematical expression as a target of the inverse number function. The inverse number display control unit replaces the detected chunk region with a fraction having the detected chunk region as a denominator and I as a numerator to display.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1042/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : FAN WITH DIGITAL NAME PLATE

(51) International classification	:G06F1/20, F04D25/06
(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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3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
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3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Dr. Akshai K. Aggarwal
6)Aditya Akshai Aggarwal
7)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention of ˜Fan with digital name plate™ is a specially designed fan having the blades with small leds. This ˜Fan with digital name plate™ is usb powered fan showing the programed the name on its blades when connected to desktop/laptop. The name to be displayed is set using a specially developed software of this fan. Using this software the name, font and font size of the name to be displayed can be programed.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1188/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :28/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ADJUSTABLE C MOUNT POWERTRAIN ROLL ARRESTER FOR DIFFERENT POWERTRAIN CONFIGURATION

(51) International classification	:B66D1/00, B66D1/12, B66D1/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VIKAS KOLAGE
2)SACHIN WAGH
3)SANDEEP KAKADE

(57) Abstract :
An adjustable mounting assembly for a powertrain torque restrictor comprising: a first ring having a first extension rod fixed on the circumference of the first ring; a second ring having a second extension rod fixed on the circumference of the second ring; an elongated element having a stopper and threads are provided on either side of the stopper, wherein one end of the elongated element is threaded on to the first extension rod provided on the first ring and other end of the elongated element is threaded on to the second extension rod provided on the second ring; and at least one first fastener provided on either side of the stopper to arrest the first extension rod and second extension rod movement at predefined locations on the elongated element.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014
(21) Application No.144/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : (THIENO[2 3 B][1 5]BENZOXAZEPIN 4 YL)PIPERAZIN 1 YL COMPOUNDS AS DUAL ACTIVITY H1 INVERSE AGONISTS/5 HT2A ANTAGONISTS

(51) International classification	:C07D498/04,A61K31/55,A61P25/00
(31) Priority Document No	:61/505685
(32) Priority Date	:08/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/045254
Filing Date	:02/07/2012
(87) International Publication No	:WO 2013/009517
(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)LEDGARD Andrew James

(57) Abstract :
A dual H1/5 HT 2A receptor antagonist of the formula: its uses and methods for its preparation are described.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014
(21) Application No.153/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR FRICTION STIR WELDING TUBE ENDS FOR A HEAT EXCHANGER

(51) International classification :B23K20/12,B23K37/053,F28F9/18
(31) Priority Document No :61/521589
(32) Priority Date :09/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050183
Filing Date :09/08/2012
(87) International Publication No :WO 2013/023083
(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)ELLER Michael R.
2)LI Zhixian

(57) Abstract :
A method for forming a joint between a tube (111) and a sheet (120) includes forming an anvil at least within the tube and welding the tube to the sheet in the presence of the anvil. The anvil (320) includes an anchor (100) which is placed within the tube near or at the joint to be formed. At least one washer (200) is placed over the end of the anchor that is near the joint to be formed. A threaded fastener (300) is then placed into the anchor to securely hold the anchor within the tube and to provide a backing substantial enough so that a friction stir weld can be formed. The threaded fastener and the washer can be used as a guide for the friction stir weld. Once the weld is completed the anvil can be removed. The weld can be further processed to re¬ move burrs and other material.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2013
(21) Application No.2039/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CATALYST COMPOSITION FOR PHOTOCATALYTIC REDUCTION OF CARBON DIOXIDE.

(51) International classification	:B01J23/10, B01J21/16, B01J21/06
(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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3)BALASUBRAMANIAN, VISWANATHAN
4)RAMESH, KANAPARTHI
5)PEDDY VENKATA CHALAPATHI RAO
6)CHOUDARY, NETTEM VENKATESWARLU
7)GANESH, GANDHAM SRI
8)NETTEM, VENKATESWARLU CHOUDARY
9)GANDHAM, SRI GANESH

(57) Abstract :
The present subject matter describes a catalyst composition based on sodium tantalate. a modifying agent and at least one co-catalyst and the process of preparing the catalyst composition. The process for photocatalytic reduction of CO2 comprises reacting carbon dioxide and alkaline water in the presence of catalyst composition that is irradiated with radiation with wavelength in the range of 300-700 nm to produce lower hydrocarbons and hydrocarbon oxygenates.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2014
(21) Application No.104/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : TIRE FOR SURFACE VEHICLE

(51) International classification :B60C13/00,B60C3/00
(31) Priority Document No :61/512180
(32) Priority Date :27/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/050277
Filing Date :26/07/2012
(87) International Publication No :WO 2013/014676
(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)NOVOPLANSKI Avishay

(57) Abstract :
A wheel assembly for a surface vehicle is presented. The wheel assembly comprises a tire comprising an envelope structure which by its inner surface encloses a cavity. The envelope structure comprises an outer surface engaging side having a circumferential surface and opposite side walls which are integral with and extend from the surface engaging side. The sides walls by their free ends define an inner rim engagement side of the tire by which the tire is connectable to a wheel hub. Each of the opposite side walls comprises a surface pattern defining a suspension assembly within the side wall to thereby prevent stretching of the tire envelope towards its maximal volume when the envelope is compressed with gas while allowing deformation of the tire envelope when loaded or depressurized such that the surface engaging side of the tire maintains a substantially constant contact with the surface.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013
(21) Application No.2290/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN IMPROVED IN-SITU PROCESS FOR PREPARATION OF VALSARTAN INTERMEDIATE

(51) International classification	:A61K31/41, C07D257/02
(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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3)SHINDE, SANJAY BHAGWAT
4)JADHAV, GANESH ASHOK
5)SANGVE, HANUMANTRAO RANGARAO

(57) Abstract :
The present invention relates to an improved in-situ process for the preparation of Valsartan intermediate, N-[2-(lH-tetrazol-5yI) biphenyl-4-yl) methyl] N-valeryl-(L)-valine benzylester. More particularly, the present invention relates to an improved, cost effective and industrially feasible in-situ process for the preparation of Valsartan intermediate, N-[2-(IH-tetrazol-5yl) biphenyl-4-yl) methyl] N-valeryl-(L)-valine benzylester from L-valine.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013
(21) Application No.2291/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MODULAR BRIDGE ASSEMBLY

(51) International classification :E01D15/12
(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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3)SINGH AWADHESH KUMAR
4)PATIL DATTATRAYA MADHUKUMAR
5)SONAWANE VILAS RAGHUNATH

(57) Abstract :
A modular bridge assembly and a method for assembling the modular bridge assembly are disclosed. The modular bridge assembly includes a plurality of nose modules, at least a pair of bank seat beams and a plurality of bridge modules. The plurality of nose modules forms a nose frame structure. The pair of bank seat beams is connected to the operative ends of the nose frame structure for facilitating support to the modular bridge assembly on the ground. The plurality of bridge modules is disposed on the nose frame structure for facilitating passage.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013
(21) Application No.2292/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SYSTEM FOR INTEGRATING STRUCTURAL MODULES

(51) International classification :E04D13/18
(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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2)MANGLIK AMIT
3)NAVEEN KUMAR
4)WARE DILIP GULABRAO
5)MUKHERJEE SAURAV

(57) Abstract :
A system for integrating a plurality of structural modules for configuring a modular structure includes a support platform, a plurality of structural modules, a locking arrangement and a gripping and pushing arrangement. The structural modules to be joined are received on and slide over the support platform and can be connected with each other. Each of the structural modules includes a plurality of male members, and a plurality of female members. Each male member and each female member has at least one first through hole and at least one second through hole configured thereon. Each of the female members configured on a structural module receives a corresponding male member of an adjacent structural module such that the holes configured on the male and female members of adjacent structural modules match with each other for receiving a pin there through and facilitating connection between adjacent structural modules in an aligned configuration.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1054/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A CYCLE POWER CHARGER

(51) International classification	:H02M1/42, H02K 19/36
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a cycle front wheel is attached which is passing through a speed then the generator is attached with the front tyre which gives mechanical energy and generator converts mechanical energy to electrical energy and the electrical energy store into battery and the battery is attached to inverter, and the inverter gives electrical energy to the house lights and other components.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013
(21) Application No.2004/MUMNP/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONVERTER

(51) International classification :H02M7/49,H02J3/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/060907
Filing Date :29/06/2011
(87) International Publication No :WO 2013/000510
(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)GREEN Timothy Charles
3)MERLIN Michael Marc Claude
4)SOTO SANCHEZ Diego

(57) Abstract :
A power electronic converter (20) for use in high voltage direct current power transmission and reactive power compensation comprises at least one converter limb (22a 22b 22c) including first and second terminals (24 26) being connectable to a DC network (30) and a third terminal (28) the or each converter limb (22a 22b 22c) defining first and second limb portions (34 36) connected in series between the third terminal (28) and a respective one of the first and second terminals (24 26) each limb portion (34 36) including a chain link converter (38) each chain link converter (38) including a plurality of modules connected in series each module including at least one primary switching element connected to at least one energy storage device each converter limb (22a 22b 22c) being controllable to selectively define a circulation path carrying an AC circulation current (54) for presentation to the DC network (30) to minimise DC ripple in a DC voltage presented to the DC network (30).

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013
(21) Application No.2310/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : LAYER 2 VPN SERVICE ADVERTISEMENT FROM ACCESS NODES TO A CORE NETWORK

(51) International classification :H04L12/56
(31) Priority Document No :13/631,975
(32) Priority Date :29/09/2012
(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

(71)**Name of Applicant :**
1)AVAYA INC
Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(72)**Name of Inventor :**
1)DEEPAK RAMESH
2)VINUTA K.S.
3)SHYAMSUNDAR NATARAJAN

(57) Abstract :
A method, system and computer readable medium for advertising and interoperating Layer 2 VPN services from an access node to a core network. The method can include executing, using one or more processors, a routing protocol on an access node to establish adjacency with a core network node in an access mode. The method can also include mapping, using the one or more processors, an access network Layer 2 service identifier to a core network service identifier. The method can further include advertising, using the one or more processors, a mapping for the L2VPN service to the core network node. The method can also include sending, using the one or more processors, network traffic from the access node to the core network node without core network encapsulation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013
(21) Application No.2313/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : 'MULTI ACTION SELF RETAINING ROTATORY ENDOSCOPIC HOLDER

(51) International classification	:A61B17/00, A61B19/00, A61B1/00
(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)DR. MUBARAK KHAN

(57) Abstract :
An endoscope holder is provided which includes a clamping device to hold a rigid endoscope and a means to impart controlled movement to said endoscope. More particularly, the endoscope holder consists of a clamping device to hold the endoscope used for ear nose throat (ENT) surgeries. Endoscopes are widely used for observing the internal organs of humans and other biological specimens. During use, a surgeon holds the endoscope while inserting one end into the specimen™s body via an incision or opening in either the respiratory system or gastrointestinal tract. Generally the surgeon holds the endoscope in one hand while performing the desired surgical procedure with the other hand. The present invention facilitates two-handed techniques of endoscopic ear nose throat surgeries.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1083/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FOOT OPERATED MOBILE CHARGER

(51) International classification	:B60R11/00, A43B13/38
(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)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Dr. Akshai K. Aggarwal
6)Aditya Akshai Aggarwal

(57) Abstract :
The present invention a air pump operated by foot is coupled with the small turbine and the pressure energy is converted into mechanical energy and then the turbine is connected with the generator and the generator converts mechanical energy to electrical energy and the electrical energy store into battery and the battery is attached to controller, and the battery can be use as a power source.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1084/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : LED LIGHT SAVE 50% ENERGY

(51) International classification :H05B1/02, H05B39/06
(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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5)Dr. Akshai K. Aggarwal
6)Aditya Akshai Aggarwal

(57) Abstract :
The present invention a LED light is need to replace all the conventional lights so that the saving of the light is achieved and the LED light have good life.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1085/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SIRING OPERATED ROBOT HAND

(51) International classification	:A63H11/00, B25J15/08, B25J5/00
(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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6)Aditya Akshai Aggarwal

(57) Abstract :
The present invention of ˜Siring Operated Robot Hand™ works on the principle of hydraulics. The ˜robot hand™ is specially designed and the constraints of the arm are controlled through the ˜siring™. The siring is filled with water, and ˜water™ works as working fluid. The siring is operated by pressing it, that pushes the water inside the siring to operate the robotic arm. Here this ˜robotic arm™ is used to lift the heavy loads by just pressing the siring.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2014
(21) Application No.139/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMPROVED PHARMACEUTICAL COMPOSITION OF ENDOXIFEN & PREPARATION THEREOF

(51) International classification :A61K9/127,A61K9/12
(31) Priority Document No :60/860,420
(32) Priority Date :21/11/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/085443
Filing Date :21/11/2007
(87) International Publication No :WO 2008/070463
(61) Patent of Addition to Application Number :2153/MUMNP/2007
Filed on :18/12/2007
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Moghis U Ahmad
3)Ateeq Ahmad
4)Saifuddin Sheikh
5)Imran Ahmad

(57) Abstract :
The present invention provides enteric coated pharmaceutical compositions containing endoxifen, methods of preparation of such agents and formulations, and use of such agents and formulations for the treatment of breast cancer and other breast diseases and diseases susceptible to endoxifen. The present invention provides methods for treating and preventing breast cancer and other breast related diseases by administrating novel formulations or compositions comprising a therapeutically effective amount of endoxifen

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2317/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :10/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : FOR FACILITATING TRANSACTIONS ON MERCHANT SYSTEMS

(51) International classification	:G06Q20/00, G06Q20/20
(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	:
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AGASHE, MANDAR

(57) Abstract :
The present disclosure envisages a computer implemented system and method for performing cashless and cardless transactions on merchant terminals. The system is accessible via a communication network and two types of interfaces namely, a merchant Point of Sale (POS) interface and a customer interface. The merchant and the customer required register with the system and install and execute the merchant POS interface on a merchant terminal such a merchant POS terminal and the customer interface on a device accessible to the customer. The customer initiates the transaction by requesting for a One Time Password (OTP) via a communication network. A transaction server of the system receives the request from the customer device and generates the OTP for the transaction. The customer transmits the OTP received from the transaction server to the merchant POS terminal via the communication network for the purpose of completing the initiated transaction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1047/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DC CEILING FAN SAVE 50% ENERGY

(51) International classification	:H02P4/00, H02P7/00
(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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4)Bhavsar Swapnil Chandrakant
5)Dr. Akshai K. Aggarwal
6)Aditya Akshai Aggarwal

(57) Abstract :
The present invention a DC motor fan is used in compare to current AC fan by the use of the DC fan the saving of the electricity is made up to 50%.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1113/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF RIVAROXABAN

(51) International classification	:A61K31/42, C07D413/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)DEEPAK SUBHASH PATIL
6)SRINIVAS REDDY SANIKOMMU
7)KUMAR HARI BHUSHAN
8)SHEKHAR BHASKAR BHIRUD

(57) Abstract :
The present invention relates to process for the preparation of rivaroxaban.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2013

(21) Application No.2213/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MODULATION OF SWITCHING SIGNALS IN POWER CONVERTERS

(51) International classification	:H02M1/08, H02M3/156
(31) Priority Document No	:GB 1214860.7
(32) Priority Date	:20/08/2012
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) 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)HART SIMON DAVID

(57) Abstract :
There is provided a method and control system for reducing noise in a power converter by controlling a switching device in the power converter according to a modulation scheme. The switching device couples a direct current (DC) source to provide an alternating current (AC) output at a particular switching frequency. The method comprises the step of, in each switching period, switching the switching device between active configurations providing a finite voltage at the output and inactive configurations providing a zero voltage at the output. The ratio between the total period of time in which the switching device is in an active configuration and the total period of time in which the switching device is in an inactive configuration is the same for each switching period and is determined according to the desired voltage at the AC output. However, in each switching period, there are at least two time periods in which the switching device is in an inactive configuration, and the ratio between those at least two time periods is changed every switching period.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2214/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :01/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PISTON AND SCROLL COMPRESSOR ASSEMBLY

(51) International classification :F04C18/02
(31) Priority Document No :61/667,700
(32) Priority Date :03/07/2012
(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)IGNATIEV KIRILL M.

(57) Abstract :
A compressor is provided and may include a shell, a motor assembly, a drive shaft, a first compression mechanism, and a second compression mechanism. The motor assembly may be disposed within the shell. The drive shaft may be powered by the motor assembly. The first compression mechanism may be disposed within the shell and may be driven by the motor assembly. The second compression mechanism may be driven by the motor assembly.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2326/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :10/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DRIVING BEHAVIOR ANALYSIS SYSTEM AND METHOD

(51) International classification	:B60Q1/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Tata Consultancy Services Limited**
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)CHAKRAVARTY, Tapas**
Filing Date	:NA	**2)GHOSE, Avik**
(87) International Publication No	: NA	**3)CHOWDHURY, Arijit**
(61) Patent of Addition to Application Number	:NA	**4)BHAUMIK, Chirabrata**
Filing Date	:NA	**5)PURUSHOTHAMAN, Balamuralidhar**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Disclosed are a device, system and methods for detecting an anomaly associated with driving of a vehicle. A Z-axis acceleration data may be determined at the device. Based on the Z-axis acceleration data, jerk energies may be computed and transmitted to the system for analysis. Further, the jerk energies may be received for the plurality of trips at the system. Further, at the system, statistical analysis may be performed on the jerk energies for determining a hazard rate for each trip of the plurality of trips. Thus, for the hazard rate determined for the plurality of trips, a trend analysis may be performed. Based on the trend analysis, the anomaly associated with the driving of the vehicle may be detected. Further, the anomaly detected may be notified to a person associated with the device or with a monitoring terminal.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2322/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :10/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENGINEERED AND FABRICATED RCC CONCRETE STRUCTURE USED AS A STAND AND FOR THE USE OF FITTING SOLAR PANELS AND SUBSEQUENTLY USED FOR TILTING THE STRUCTURE IN CLOCKWISE AND ANTICLOCKEISE DIRECTION IN VARIOUS ANGLES WITH THE HELP OF PNEUMATIC CYLINDER MECHANISM OR WITH THE HELP OF HYDRAULIC CYLINDER MECHANISM AT THE SOLAR FARMS.

(51) International classification	:E04B 1/00,E01C9/00, C04B 28/00
(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)SANTOSH ARVIND PRADHAN

(57) Abstract :
I have made final drawings of the product which will be engineered and fabricated RCC structure. Based on the drawings; I have made various types of moulds for making engineered and fabricated RCC structure product. I have made the sheet metal fabricated engineered parts, construction rings and straight bars made from milled steel and assembled it. I have placed mold at the table top mounted vibratory special purpose machine subsequently placed assembled reinforced construction grade milled, steel material in to the mould. I will make the RCC concrete as per the grade specified than after mixing the entire concrete mixture will be poured in to the mould. I will start the vibratory special purpose machine till the RCC concrete get settled. Further it is allowed to settle down for 48 hours followed by releasing the mold. Further RCC concrete structure will be immersed in the water tank for the curing purpose followed by sun light drying for natural drying and strengthening operation. Later on the cleaning of burr, drilling and the chamfering operation will be performed, now the various RCC concrete parts will be ready. After doing entire assembly work of various RCC concrete parts with the help of nuts, bolts, washers and CNC machined parts than I will assemble the solar panels at the top portion of RCC concrete structure with the help of Z clamps, U clamps. I have attached pneumatic cylinder mechanism or hydraulic cylinder mechanism or linear motion actuator to horizontal swivel entire RCC concrete structure with the help of solar sensor, microprocessor and SCADA systems where I can get the requisite angle of solar panel to get the best output of the solar farms.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2323/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :10/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENGINEERED AND FABRICATED RCC CONCRETE STRUCTURES USED AS CABLE DRUM FOR THE USE OF WINDING ANY TYPE ANY SIZE ANY SHAPE OF ELECTRICAL CABLES AND ANY TYPE ANY SIZE ANY SHAPE OF WIRES.

(51) International classification	:E04B 1/00, C04B 28/00
(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)SANTOSH ARVIND PRADHAN

(57) Abstract :
I have made final drawings of the product which will be engineered and fabricated RCC structure used for making cable drums. Based on the drawings; I have made various types of moulds for making engineered and fabricated RCC structure product. I have made the sheet metal fabricated engineered parts, I have also made construction rings and straight bars made from milled steel and assembled it. I have placed table top mounted vibratory special purpose machine along with plain detachable milled steel sheet and qualifying gauge. I have assembled and placed assembled reinforced construction grade milled steel material in to the mould. I will make the RCC concrete as per the grade specified than after mixing the entire concrete mixture will be poured in to the mould. I will start the vibratory special purpose machine which will perform the vibratory motion for a particular time period till the RCC concrete material get settled. Further it is allowed to settle down for 48 hours followed by releasing the mold. Further RCC concrete structure will be immersed in the water tank for the curing purpose. After doing curing, RCC concrete structure will be placed in the sun light for natural drying and strengthening operation. Later on the cleaning of burr, drilling and the chamfering operation will be performed, now the various RCC concrete parts will be ready. After doing entire assembly work of various RCC concrete cable drums parts, I will check the quality norms and now the product is ready for the dispatch.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014
(21) Application No.149/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS FOR DETECTING FERROMAGNETIC OBJECTS AND SCREENING PEOPLE AND EQUIPMENT

(51) International classification :A61B5/05,G01V3/08
(31) Priority Document No :1111067.3
(32) Priority Date :29/06/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051500
Filing Date :27/06/2012
(87) International Publication No :WO 2013/001292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)METRASENS LIMITED
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(72)**Name of Inventor :**
1)GOODYEAR Simon Wray
2)COLLINGE Simon Edward James
3)KEENE Mark Nicholas

(57) Abstract :
Apparatus for detecting a ferromagnetic object located on or in a person being screened comprises a first magnetic sensor which in use measures an ambient magnetic field or gradient within a first volume of space and produces a corresponding measurement signal a primary power supply which provides power to the magnetic sensor a signal processing circuit arranged in communication with the magnetic sensors configured to identify temporal variations in the measurement signal and from the identified temporal variations provide an output signal indicative of the presence of a ferromagnetic object within the volume of space and a warning device operable by the output from the signal processing circuit to provide within the vicinity the apparatus at least one of an audible and a visible warning in response to the output signal from the signal processing circuit. The apparatus include a user operable input means which enables the warning device to be disabled by a user without powering down the magnetic sensors.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2306/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :09/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : TWO AND THREE WHEELER HEADSEAT AND VALVE SEAT RESURFACING, GRINDING AND SHEET CUTTING MACHINE

(51) International classification	:B62L3/00, B62K21/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BHUPENDRAKUMAR GIRDHARBHAI PATEL
Address of Applicant :MAHADEV TEMPLE, AT & POST: JAGUDAN TALUKA DISTRICT: MEHSANA GUJARAT 382710 INDIA
(72)**Name of Inventor :**
1)Mr.BHUPENDRAKUMAR GIRDHARBHAI PATEL

(57) Abstract :
This invention provides an effective and efficient machine for grinding or resurfacing of valve seat-head seat of internal combustion engine of two and three wheel vehicles. This machine comprises a power drive motor which applies tooling action. The pipe joint housing assembly gets rotary motion from power drive motor through two set of bevel gears of the gear box having worm and worm wheel. Link mechanism provides up-down motion to pipe joint assembly to adjust the chamfered annular surfaces of head seat and valve seat. A screw jack assembly with supporter and hand wheel assembly provide up-down motion to the engine head. Resurfacing operation is performed using appropriate jigs.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2307/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :09/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ANTI-VIBRATION SPRING REST FOR MOVING CONTACTS

(51) International classification	:F16F1/12, F16F1/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BIPLAB CHATTOPADHYAY

(57) Abstract :
Disclosed is an anti-vibration spring rest for moving contacts. The anti-vibration spring rest comprises a base member having a conical peep portion for receiving a contact spring of the moving contact thereon. Further, the anti-vibration spring rest comprises a first arm extending from one side of the base member and a second arm extending from a side opposite to the first arm. Furthermore, the anti-vibration spring rest comprises at least two grabbing members configured on either side of the base member. Each grabbing member grabs a bridge wall of the switchgear thereby preventing misalignment during operation.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2430/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :22/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : TOOL FOR SUPPORTING AND DISPLACING COMPONENTS

(51) International classification	:B66F 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RELIANCE INDUSTRIES LIMITED
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(72)**Name of Inventor :**
1)DAVERA MAHESH KALYANJIBHAI
2)BHOSALE RAJENDRA VASANTRAO

(57) Abstract :
A tool for supporting and displacing at least one component to and from housing is disclosed. The tool includes at least one guiding element, a wheeled trolley, at least one carriage and an adjustment means. The wheeled trolley is disposed on the guiding element and moves on the guiding element. The at least one carriage is disposed on and connected to the wheeled trolley and moves along with the wheeled trolley. The carriage receives the at least one component for facilitating support and displacement of the at least one component in the inoperative configuration out of the housing. The adjustment means is disposed on the wheeled trolley for facilitating horizontal, vertical and axial adjustment of the carriage with respect to the wheeled trolley for maintaining alignment between the component and the housing.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1087/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DUAL DENSITY ABSORBER-BARRIER CANOPY FOR NOISE REDUCTION IN POWER GENERATING UNITS

(51) International classification	:F02B77/13, G10K11/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANSINH S KUMBHAR
2)SAJITH NAIR
3)THULASIRAM NALLA
4)JAYAKUMAR N
5)RAJESH KALE
6)KRISHNAMOORTHY R.

(57) Abstract :
The present invention provides a canopy for noise reduction in power generating units. The canopy comprises a housing, at least two doors an inlet and an outlet. The housing is a single cabin that acts as a dual density absorber-barrier and made up of a four layered wall for enclosing the power generating unit. The canopy eases the access to the power generating unit and completely eliminates the need of two cabins to achieve noise reduction.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2342/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SUPERIOR AND CUSTOMIZED DRUG DELIVERY TECHNOLOGY SYSTEM FOR VARIOUS NUTRACEUTICAL FORMULATIONS BASED ON THEIR PHYSICAL-CHEMICAL PROPERTIES AND PHARMACOKINETICS.

(51) International classification	:A61K9/00, A61K47/36
(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

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

(57) Abstract :
The present invention is Drug Delivery Technology/System of various drug delivery technologies, separately or as synergistic delivery system involving more than one delivery system by using efficient emulsifiers, complexing substances, polymers and solvents for Bioenhancement of Nutraceutical substances that are poorly soluble and/or pH sensitive. The present invention comprises of the following (but not limited to) Drug Delivery technologies either alone or involving more than one technology: Biodegradable in-situ gel delivery system, Hydrophilic Polymer based drug delivery system, Inclusion Complexes of Betacyclodextrin, Microencapsulation, Microemulsification or Nanotechnology for Bioenhancement of Nutraceutical substances that are poorly soluble and/or pH sensitive.

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2013
(21) Application No.2596/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PREPARATION OF ETHANOL FROM LIGNOCELLULOSIC MATERIALS.

(51) International classification :C12P7/10
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SIDDHARTHA PAL
2)MOHAN BABU
3)ASHVINI MONISH SHETE
4)GEETANJALI DATTATRAY MOGHE
5)SATYENDRA WAMAN JOSHI
6)MOHAN GANPAT KASHID
7)SHRIKANT SUBHASH RATHI
8)GHANSHYAM BABURAO DESHPANDE
9)RAVIKUMAR RAO PALLINTI

(57) Abstract :
The invention relates to a process and system for the preparation of ethanol from lignocellulosic materials and more particularly from lignocellulosic materials like corn cob, corn stover, sugarcane/ beet bagasse or any other lignocellulosic materials.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2013

(21) Application No.2597/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AUTOMATED APPLICATION TEST SYSTEM

(51) International classification	:G06F9/44, G06F3/00, G06F11/07, G06F11	(71)**Name of Applicant :** **1)Barclays Bank PLC** Address of Applicant :1 Churchill Place, London E14 5HP, United Kingdom.
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)APPUSAMY, Rameshkumar**
(33) Name of priority country	:NA	**2)KULKARNI, Shrinivas**
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :
An automated application test system comprises a plurality of clients 3 providing test interfaces to corresponding users, and a network of test nodes 4a connected to the clients 3; wherein each said test node 4a comprises one or more test devices locally connected to the test node 4a; and an agent 6 arranged to execute one or more test applications on the locally connected test devices 4b in accordance with requests from the clients 3.

No. of Pages : 39 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2599/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :07/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF FORMIC ACID AND METHANOL

(51) International classification	:C07C51/09, C07C29/09
(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)OZA ATULKUMAR BHANUSHANKAR

(57) Abstract :
The present invention relates to a process for producing Formic acid and methanol. In which, carbonylation of methanol to produce methyl formate and hydrogenation of methyl formate to produce methanol is carried out concurrently in a single reactor controlling hydrogenation reaction to react part of methyl formate to maintain methanol concentration in the reactor. Methyl formate separated and hydrolyzed to produce Formic acid and methanol.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1063/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : BATTERY POWERED SHOE VULCANIZING MACHINE

(51) International classification	:A43D25/18, B29D35/00,H01M10/48
(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

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4)Dr. Vasani Rupesh Parmanand
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1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Dr. Akshai K. Aggarwal
6)Aditya Akshai Aggarwal

(57) Abstract :
The present invention of ˜Battery powered Shoe Vulcanizing machine™ is a specially designed shoe vulcanizing machine that is operated by battery. Here the high resistive metal plates are used as pressure plates in which the shoe to be vulcanized is kept. The DC current is supplied to these pressure plates and the supplied current is converted into heat due to the high resistance of the plates. Thus the shoe is vulcanized due to high pressure from the pressure plates and the heat generated between the pressure plates.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014
(21) Application No.172/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VEHICLE SUSPENSION AND IMPROVED METHOD OF ASSEMBLY

(51) International classification	:B60G9/02, B60G11/22, B60G5/00
(31) Priority Document No	:13/178,773
(32) Priority Date	:08/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/045770
Filing Date	:06/07/2012
(87) International Publication No	:WO/2013/009626
(61) Patent of Addition to Application Number	:2287/MUMNP/2013
Filed on	:06/12/2013
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NOBLE Shawn D.
2)KERENDIAN Hormoz
3)DUDDING Ashley T.

(57) Abstract :
A suspension having a frame attachment portion having an opening with a spring mount positioned therein, and a first shear spring positioned between a wall of the spring mount and a side wall of the opening, and a second shear spring positioned between another wall of the spring mount and another wall of the opening. The first spring mount comprises an inboard part and an outboard part with a first through-hole positioned therein adapted to allow passage of a first connecting rod therethrough, wherein the first connecting rod connects the inboard and outboard parts together, and wherein the first shear spring is compressed between a wall of the spring mount and a wall of the opening, and wherein the second shear spring is compressed between a wall of the spring mount and a wall of the opening.

No. of Pages : 93 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013
(21) Application No.2350/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTEGRATED PROCESS FOR OXIDATION AND CARBOXYLATION OF ORGANIC COMPOUNDS

(51) International classification :C07C68/06
(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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(72)**Name of Inventor :**
1)MUNSHI PRADIP
2)NAGAPPAYYA SHOBHA
3)JASRA RAKSH VIR

(57) Abstract :
The present disclosure relates to an integrated process for carboxylating and oxidizing an aromatic hydrocarbon substituted with at least one alkyl group. The process comprises the sub-steps of: carboxylating the aromatic hydrocarbon substituted with at least one alkyl group using carbon dioxide and at least one catalyst represented by formula I, (AxBy), optionally, in at least one liquid medium to generate a reaction mass comprising at least one oxidizing agent represented by a formula II (HxBy), and a carboxylated product substituted with at least one alkyl group; and (b) in-situ reacting the carboxylated product substituted with at least one alkyl group with the oxidizing agent represented by a formula II formed during sub-step of carboxylation to obtain oxidized product.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2609/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :07/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SUBSTITUTED CARBAZOLE BASED DYES FOR DYE SOLAR CELLS AND OTHER OPTOELECTRONIC DEVICES

(51) International classification	:C09B57/00, C07D409/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SONI SAURABH SURESHCHANDRA
2)FADADU KISHAN BHAGWANJI

(57) Abstract :
An organic dye expressed by formula (I) is provided in the present disclosure wherein R1 and R2 are individually selected from the group consisting of hydrogen; C1-C12 alkyl groups. C3-C12 cycloalkyl groups, C2-Ci2 alkenyl groups, C3-C12 cycloalkenyl groups and a substituted or un-substituted aromatic hydrocarbon group having 6 to 18 carbons; X is a linker group comprising at least one substituted or unsubstituted aryl group or at least one substituted or unsubstituted heterocyclic group or combinations thereof; and A is an electron acceptor group. The organic dye of formula (I) is used in the fabrication of dye sensitized solar cells and other optoelectronic devices.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014
(21) Application No.183/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MOBILE COMMUNICATION DEVICE SYSTEM AND METHOD

(51) International classification :G06Q50/22,H04W84/02
(31) Priority Document No :61/510434
(32) Priority Date :21/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047076
Filing Date :17/07/2012
(87) International Publication No :WO 2013/012869
(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)IONESCU Arna Diana
3)MCALLISTER William
4)AU YEUNG Kit Yee

(57) Abstract :
A mobile device for detecting an electrical signal generated by an ingestible event marker is disclosed. The mobile device includes a detection subsystem to receive an electrical signal generated by an ingestible event marker from a detection arrangement. A processing subsystem is coupled to the detection subsystem to decode the electrical signal. A radio subsystem is configured to transmit the decoded electrical signal to a wireless node. A system includes the mobile device and the detection arrangement. A method includes receiving the electrical signal generated by the ingestible event marker at the mobile device decoding the electrical signal to extract information associated with the ingestible event marker and transmitting the information to a wireless node.

No. of Pages : 90 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2366/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :15/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION OF AGOMELATINE.

(51) International classification	:A61P1/00, A61P9/00, A61P25/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SUMITKUMAR VERMA
2)ALPESH CHHUNCHHA
3)SATYAVAN DHAVALE
4)ASHISH SEHGAL

(57) Abstract :
This present invention relates to sustained release pharmaceutical composition of Agomelatine. The invention is particularly suitable for once-a-day solid oral pharmaceutical dosage forms which release therapeutically effective amount of the active ingredient over an extended time period. Further, the present invention relates to process for the preparation of the same.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2619/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :08/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN ELECTRIC POWER SUPPLY SYSTEM FOR ENHANCING EFFICIENCY OF INTERNAL COMBUSTION ENGINE DRIVEN ELECTRIC GENERATOR AND A METHOD THEREOF

(51) International classification	:F02B43/10, F02D29/06
(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)PANSE PUSHKARAJ
2)ATHAVALE ARVIND
3)DIXIT AMIT

(57) Abstract :
An Electric Power Supply System for Enhancing Efficiency of Internal Combustion Engine Driven Electric Generator and a Method Thereof An electric power supply system for enhancing efficiency of internal combustion engine driven electric generator comprising: an electrical grid coupled to a power source monitoring and selection system which selectively connects said electrical grid to a two-way switch; an engine driven electric generator coupled to said two-way switch and operated according to commands received from said power source monitoring and selection system; a power converter coupled to said power source monitoring and selection system for maintaining the power quality attributes of the output power within a narrow tolerance limit irrespective of corresponding power quality attributes of the input power; a load measurement module coupled to engine driven electric generator for measuring electrical load on said electric generator; and a speed governor unit in communication with said load measurement module and said electric generator; wherein when said power source monitoring and selection system selects engine driven electric generator as power source, said speed governor unit adjusts the speed of said engine driven electric generator to an optimum value based on the electrical load measured by load measurement module thereby providing desired electrical power to electrical load connected to two-way switch.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2620/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :08/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PRODUCTION OF ETHANOL BY EVAPORATIVE DISTILLATION.

(51) International classification :B01D3/02
(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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2)SHRIKANT SUBHASH RATHI
3)DEVDATTA KRISHNA DESHPANDE
4)PRASANNA SHAM PAI
5)PANDURANG RAM SHINDE

(57) Abstract :
A process for producing ethanol by evaporative distillation is discfosed, wherein fermented wash is first evaporated in an evaporator to generate a concentrated ethanol stream. The remaining part of said wash is then further purified in a mash column to isolate remaining ethanol from said wash. In this process as a large part of fermented wash is removed in evaporation process, the load on the mash column is significantly less and hence small size of mash column is required.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1048/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SPECIALLY DESIGN ROAD TYRE

(51) International classification :B60C11/00, B60C 19/00
(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)Jain Anjil Anvin
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(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a new concept of tyre is designed with the help of the plastic balls and fine wire gauge so that they can be used in all weather condition and can sustain heavy load.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1049/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A WATER POWER VEHICLES WASHING SYSTEM

(51) International classification :B08B3/02, B08B3/08
(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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3)Jain Anjil Anvin
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(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a water jet is used to rotate the turbine is through a speed so the turbine gives mechanical energy and generator converts mechanical energy to electrical energy and the electrical energy store into battery and the battery is attached to inverter, and the inverter gives electrical energy to the garage lights and compressor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013
(21) Application No.2260/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MALE CONDOM WITH THICK RINGS

(51) International classification	:A61M25/00, A61F6/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOSHI MAULIK DEVSHANKER

(57) Abstract :
The present MALE CONDOM WITH THICK RINGS is invented to provide variety of condoms and to give extra excitement and more pleasure to the couples with safe sex and population check.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2375/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SYSTEM AND A METHOD FOR TREATING WASTE WATER

(51) International classification	:C02F3/30	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)DESHMUKH PRASANNA**
(32) Priority Date	:NA	Address of Applicant :P - 4/5, INFORMATION TECHNOLOGY PARK, MIDC, SATARA - 415 004, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)DESHMUKH PRASANNA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A system, referenced generally by the indicia EClear • , for treating waste water and method thereof is disclosed. EClear comprises an advanced oxidation unit including an electro-oxidation reactor (109) adapted to generate hydroxyl radicals in the waste water by means of an electric charge for oxidizing and decomposing contaminants in the waste water, a physico-chemical treatment unit (116) for coagulating and flocculating the oxidized effluent, and a filtration unit (117) for filtering the effluent thereof to produce treated water.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2013
(21) Application No.2635/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FENSPIRIDE HYDROCHLORIDE PROCESS

(51) International classification :C07D498/10
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GURJAR MUKUND KESHAV
2)TRIPATHY NARENDRA KUMAR
3)MORE YOGESH PRAKASH
4)PATIL PRADIP NANA
5)GOTRANE DINKAR MURLIDHAR
6)KOTHARKAR SANDEEP ANILRAO
7)PRAMANIK CHINMOY MRIGANKA
8)MEHTA SAMIT SATISH

(57) Abstract :
The present invention provides a novel process for preparation of Fenspiride hydrochloride (la) comprising preparation of 4-substituted-aminomethyl-1-(2-phenylethyI)-piperidin-4-ol of formula (V) and its further cyclization in presence of a base to give Fenspiride (I), which on subsequent treatment with hydrogen chloride yields Fenspiride hydrochloride of formula (la) having desired purity.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2636/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWER GENERATION SYSTEM THAT OPTIMIZES THE POWER PROVIDED TO CHARGE BATTERIES

(51) International classification :H02J7/00
(31) Priority Document No :13/606,488
(32) Priority Date :07/09/2012
(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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1)ALBSMEIER, ERIC D.
2)MAUK, RICHARD A.
3)CHIU, HARRISON C.

(57) Abstract :
Some embodiments relate to a power generation system. The power generation system includes a first generator and a first battery charger. The first battery charger is adapted to charge a first battery and a second battery. The first battery and the second battery are each adapted to provide power to start the first generator. The power generation system further includes a controller that determines a state of charge for each of the first battery and the second battery. Based on the state of charge for each of the first battery and the second battery, the controller determines which of the first battery and the second battery receives charging current from the first battery charger.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2013
(21) Application No.2285/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMPROVED PROCESS FOR PRODUCTION OF MONOCLONAL ANTIBODIES •

(51) International classification	:C07K16/28, C07K16/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MENDIRATTA, Sanjeev, Kumar
2)BANDYOPADHYAY, Sanjay
3)PATEL, Sanjay

(57) Abstract :
The present invention provides for an improved process to obtain substantial amount of monoclonal antibodies with desired profile of charged variants. The process involves initially culturing the mammalian cells at a suitable temperature and subsequently reducing the temperature and optionally by simultaneous addition of suitable amino acid(s) during production of the desired molecule. The present invention provides also provides for an antibody having desired profile of glycans prepared with said with improved process.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013
(21) Application No.2286/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MODIFIED RELEASE PHARMACEUTICAL COMPOSITION OF MEMANTINE.

(51) International classification	:A61K31/13, A61K9/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SUBHADEEP DUTTA
2)PIYUSH KANSAGRA
3)BALVIR SINGH
4)ASHISH SEHGAL

(57) Abstract :
This present invention relates to modified release pharmaceutical composition of memantine or its pharmaceutical!) acceptable salts thereof and process for preparation of the same. The invention is particularly suitable for once-a-day solid oral pharmaceutical dosage forms, possessing improved formulation characteristics and release a therapeutically effective amount of the active ingredient over an extended time period.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2400/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :17/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING INCREASED NUMBER OF VOICE SERVICES IN COMMUNICATION NETWORKS

(51) International classification :H04L12/64
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Survey No. 68/1, Rakholi Village, Madhuban dam road, Silvassa Dadra & Nagar Haveli India
(72)**Name of Inventor :**
1)JAIN, Vijay

(57) Abstract :
Disclosed is a system (100) capable of providing increased number of voice services in an optical communication network (300) with reduction of overall power. The system (100) includes at least one Optical Line Terminal (OLT) (10) acting as an end point for terminating the voice services provided by multiple service providers. The system (100) further includes at least one splitter (20) coupled to the OLT (10) and the said splitter (20) is configured to split optical signals received from the OLT (10) into sub-signals. The system (100) further includes at least one Optical Network Terminal (ONT) (30) installed at customer™s premises, in such manner that the ONT (30) is operably coupled to the OLT (10) via the splitter (20), and the ONT (30) includes only voice ports (32) for distributing the voice services to the customers via the voice ports (32). A method (200) for providing increased number of voice services in an optical communication network (300) is also disclosed. The system (100) and method (200) are also capable of provisioning data services via one or more modems (38).

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2640/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SMART KITCHEN

(51) International classification	:A47B77/10, A47B77/08
(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)GUDADHE MANGESH VASANTRAO
2)BANSOD SATISH

(57) Abstract :
This invention present an energy efficient and time saving material handling and synchronisation system for the kitchen. The said material handling and synchronisation system consists of a computer controlled series of material handling and retrieval sub-systems coupled with the sensors. The cook orders for a particular grocery item to the computer controlled panel in the kitchen and that panel connected with this material handling and synchronisation system arranges for the same. The grocery items are stored in the store-room at predetermined locations. The computerised material handling and retrieval system through the Pick and place device, picks up the required grocery-bin from the grocery-rack and places it on the kitchen platform. The cook collects the required quantity of the grocery from that grocery-bin and once finished gives the command Finished/OK. The system then places that grocery-bin back to its defined location in the store-room via Pick and place device of the system. The system also weighs the grocery-bin and once the weight of that grocery-bin falls below a standard weight-limit, alerts the cook for the fresh supply of that grocery. This automated material handling and synchronisation system, also takes care of the cleanliness of the grocery items.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1058/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A EXHAUSTE GAS PURIFIER & POWER GENERATION UNIT

(51) International classification	:F01N3/36, F01N3/26, F01N13/10
(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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2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a vehicle exhaust is passed through a small turbine that gives mechanical energy and generator converts mechanical energy to electrical energy and the electrical energy store into battery and the battery is attached to circuit, and the circuit gives electrical energy to the battery and small device will run through the battery. The exhaust gas is also purify in the specially design unit

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.174/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :27/01/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYNTHESIS OF CLEISTANTHIN A AN DERIVATIVES THEREOF

(51) International classification :C07D209/56
(31) Priority Document No :61/503136
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001296
Filing Date :29/06/2012
(87) International Publication No :WO 2013/001352
(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)NILESH Shridhar Mulik
2)KAILASH Dattatraya Panghavane

(57) Abstract :
The present invention provides a method for preparing Cleistanthin A a diphyllin glycoside derivatives thereof and intermediates thereto. In particular the present invention provides in one of the aspect a method for synthesis of compound of formula D a key intermediate of diphyllin which can be carried out in a shorter duration and at an ordinary temperature.

No. of Pages : 50 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2261/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :04/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTI-LAYER COMPOSITE PAVEMENT BLOCK AND PROCESS OF MANUFACTURING THEREOF

(51) International classification	:E01C5/22, B29B13/02
(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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(72)**Name of Inventor :**
1)MR. JOSHI VIVEK
2)MR. KARTHIK KUNDULWAR

(57) Abstract :
The present invention relates to a multiple-layer composite paving block of sufficient strength for application at moderate load areas, said multiple-layer composite paving block comprises a first layer obtained from a composite material comprising cement. Effluent Treatment Plant (ETP) sludge, sand, and bonding agents proportionate to the combine weight of said cement and said ETP sludge, and a second layer obtained from a composite material comprising cement, Effluent Treatment Plant (ETP) sludge, aggregate, and sand. Wherein said first layer and said second layer contact each other in intimate association to form single unit of said pavement block, and the compressive strength of said first layer is maintained higher than the compressive strength of said second layer of the pavement block.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2644/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : NEW WIND MILL WITH MULTI SUPPORTED SHAFT MOUNTED WITH SERIES OF BLADES.

(51) International classification	:F03D1/06, F03D11/00
(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 :
In this windmill series of blades are mounted on single shaft which has multiple support points. This will give more strength to rotating shaft. This windmill is more useful in sea when mounted on floating platform because vibration due to wave can be easily absorbed by multiple supporting points of shaft as shown in figure. As group of this windmills require more area to float, this group is more stable in sea than single windmill. The sea surface wind is not tapped in world as per its potential due to the vibration of sea surface because of wave motion continuously. This vibration can get absorbed by using above windmill. India will get immensely benefited due to such group of windmills, floating on sea, because India has vast sea shore. This windmill does not require any land to acquire which is main problem now a day. This wind mill can be operated on land also if required.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2646/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD FOR PRESERVING THE NUTRITIONAL COMPONENTS OF A FEED SUPPLEMENT

(51) International classification	:A23K1/18, A23J3/34, A23K1/16, B01D61/
(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)PARAG V. PANDAV
3)VIVEK S. JAVALKOTE

(57) Abstract :
Feed supplement is a good source of providing protein, essential fatty acids and pigments for good growth and health of poultry. The main problem of feed supplement is that many of the nutritional components in the feed are easily degraded upon drying, improper storage and adverse conditions such as exposure to heat and moisture. The present subject matter provides a crisp, palatable feed supplement and a method of preserving the nutritional components of a feed supplement by encapsulating the feed supplement in a natural, edible encapsulating material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1077/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SPECIALLY DESIGN POWERMAT WIRELESS CHARGING SYSTEM

(51) International classification	:H02J17/00, H02J7/00
(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)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention is a induction charging mat is design in such a way that the multiple electronic gadget can be charge with the help of receiving and transmitting coil. This power mat provide wireless charging.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1078/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention :
A SPECIALLY DESIGN UNIT WHICH CONVERT SINGLE DRILLMACHINE TO MULTIPLE DRILL

(51) International classification	:B23B 39/00, B25D16/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Bhavsar Swapnil Chandrakant**
(32) Priority Date	:NA	Address of Applicant :M-64/768, Chitrakut Apartment Sola Road, Naranpura Ahmedabad-380063 Gujarat, India.
(33) Name of priority country	:NA	**2)Jain Anjil Anvin**
(86) International Application No	:NA	**3)Shah Parin Kamalkumar**
Filing Date	:NA	**4)Dr. Vasani Rupesh Parmanand**
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)Dr. Vasani Rupesh Parmanand**
Filing Date	:NA	**2)Shah Parin Kamalkumar**
(62) Divisional to Application Number	:NA	**3)Jain Anjil Anvin**
Filing Date	:NA	**4)Bhavsar Swapnil Chandrakant**
		5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a normal drills tool bit is attach with the special attachment such that the attachment having gears and shaft arrangement and the output from the special attachment is the multiple drill. The conversion of normal drill machine into the multiple drill machine make 4 drill on the part at a same time in one machine only.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1079/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SMART SENSOR PACK

(51) International classification	:G01R15/20, H01M2/10, H01M2/20, H01M2/34
(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)Dr. Vasani Rupesh Parmanand
3)Bhavsar Swapnil Chandrakant
4)Jain Anjil Anvin
(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention will convert the normal mobile phone into smart phone by the help of the smart sensor pack, there is a group of different sensor are feed in one small box which can be connected with the Bluetooth of the normal phone to calculate different values by this invention.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2289/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :08/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PRODUCTION OF VIRTUAL SURROUND SOUND

(51) International classification	:H04R3/00, H04R5/04, H04S5/02
(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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Address of Applicant :7A DATTANI PARK, 'D' WING, FLAT NO 701, KANDIVALI (EAST), NEAR GREEN VATIKA, MUMBAI - 400 101, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MOON DEKA

(57) Abstract :
A method of creating virtual sound comprising the steps of: a. determining the area in a room where the sound is to be produced, b. taking a stereo sound clip and processing it to hear the sound same with both ears by using filters, c. dividing the above band of sound into more than three divisions according to the source using filters, c. producing the above stated divisions in the speaker maintaining the phase and every division is produced to have different intensity according to the need.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2404/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :18/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : FREE-FLOWING, SOLID, HIGH ACTIVE ALKYL ETHER SULPHATES

(51) International classification	:C11D17/06, C11D1/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GALAXY SURFACTANTS LTD.
Address of Applicant :C-49/2, TTC INDUSTRIAL AREA, PAWNE, NAVI MUMBAI-400 703, Maharashtra India
(72)**Name of Inventor :**
1)TRAILOKYA, SAGAR ANIL
2)KADAM, SHANTARAM JAGANNATH
3)TAMBE, DHANANJAY CHANDRAKANT
4)CHENNIAPPAN, NITHYANANDAN
5)GARIKIPARTHY, SESHA SAMBA MURTY

(57) Abstract :
The present invention relates to free flowing, solid, high active alkyl ether sulfates and process for manufacturing such solid alkyl ether sulfates at processing temperature of 80° C and above on an industrial scale. The solid alkyl ether sulfates have improved flow properties, improved appearance, and improved solubility.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2659/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :13/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR USING A NETWORK TO CONTROL MULTIPLE POWER MANAGEMENT SYSTEMS

(51) International classification :G06F1/26
(31) Priority Document No :13/663,847
(32) Priority Date :30/10/2012
(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

(71)**Name of Applicant :**
1)KOHLER CO.
Address of Applicant :444 HIGHLAND DRIVE, KOHLER, WI 53044, U.S.A.
(72)**Name of Inventor :**
1)MAUK, RICHARD A.

(57) Abstract :
Some embodiments relate to a method a method of using a network which to control multiple power management systems. The method includes using the network to access multiple generator controllers where each generator controller operates an internal combustion engine driven generator that is part of a respective power management system. Each respective power management system includes an automatic transfer switch that is configured to receive power from the internal combustion engine driven generator and a primary power source. In some embodiments, using the network to access multiple generator controllers includes using a server on the network to access multiple generator controllers. The method further includes using the network to exchange communications with the generator controller in each of the multiple power management systems in order permit the generator controllers to exercise the internal combustion driven generators in each of the respective power management systems.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2013
(21) Application No.1953/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : TETRA AZIDO ESTERS OF PHTHALATE ANALOGUE AND METHOD OF SYNTHESIS THEREOF

(51) International classification	:A61K31/24, A61P37/11
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY, (DEEMED UNIVERSITY)
Address of Applicant :DEPT. OF APPLIED CHEMISTRY, DIAT, GIRINAGAR, PUNE-411025, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)SHAIBAL BANERJEE
2)DIMPLE KUMARI

(57) Abstract :
The present invention provides tetra azido ester compounds of phthalate analogues and method of synthesis thereof. The method of synthesis of said azido ester compounds involves azidation of 1,3-dichloropropanol by using sodium azide as reagent and N,N™-dimethylformamide as solvent to form azido-alcohol compound that further undergoes esterification optionally with nitro phthalic acid or homophthalic acid by using dichloromethane as a solvent along with N,N™- dicyclohexylcarbodiimide (DCC) and 4-(dimethylamino)pyridine (DMAP) as reagents to form tetra azido ester compounds of the present invention that are useful as energetic plasticizers for gun and rocket propellant compositions.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2265/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :04/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : CATALYST FOR TRANSESTERIFICATION OF VEGETABLE OIL TO BIODIESEL

(51) International classification	:C11C3/10, C10L1/19
(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 Oil Corporation Limited
Address of Applicant :G-9, Ali Yavar Jung Road, Bandra (East), Mumbai-400 051, Maharashtra India
(72)**Name of Inventor :**
1)MOMIN, Mostafa

(57) Abstract :
Catalyst for Trans esterification of vegetable oil to Biodiesel The present invention relates to the catalyst for transesterification of vegetable oil. More particularly the invention relates to the Tranesterification catalyst obtained from Bombax ceiba flower.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2386/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :17/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR FACILITATING INSTANTANEOUS CASH DEPOSIT

(51) International classification	:G06Q20/00, G06Q30/00
(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)Tata Consultancy Services Limited
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India
(72)**Name of Inventor :**
1)AGRAWAL, Sachin Kumar
2)BOSE, Sneha
3)GARG, Shalin
4)VALLAT, Sathish

(57) Abstract :
The present disclosure relates to financial instrument having monetary value associated with it and system and method for using such financial instrument. The financial instrument is generated by a bank and further issued to retailer for further distribution. The customer who wishes to deposit cash amount into a specific bank account in the offline environment may buy such financial instrument from the retailer™s location. At the time of buying, the financial instrument is activated by the bank™s server (system) upon authentication of retailer™s and customer™s identity. After activation, the retailer/customer may initiate the deposition of the cash amount by redeeming the financial instrument. The redemption may be carried out by various authentication techniques. Once the retailer and the customer are successfully authenticated, the cash amount is instantly deposited into the given bank account. The deposited cash amount is equivalent to the financial instrument purchased by the customer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013
(21) Application No.2655/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A CUSTOMER-PREMISES EQUIPMENT

(51) International classification	:H04L12/46, H04L29/12, 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

(71)**Name of Applicant :**
1)RELIANCE JIO INFOCOMM LIMITED
Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)GUPTA DEEPAK
2)SHAH BRIJESH
3)AGRAWAL ATUL

(57) Abstract :
A customer-premises equipment is disclosed. The customer-premises equipment facilitates easy maintenance, enhances operational efficiency and is communicatively connected to a communication network for coupling user devices to the wireless communication network via a network node. The customer-premises equipment includes a discretely replaceable power module and a modem module provided on separate circuit boards. The power module assembled on a first circuit board has two to four layers and the modem module assembled on a second circuit board has seven to nine layers. The power module receives power from the network node and regulates to generate regulated power. The modem module receives the regulated power for powering the customer premises equipment. The modem module includes a RF section co-operating with an antenna, a baseband processor co-operating with the RF section, an Ethernet physical layer, and communication ports for enabling communication between the user devices and the communication network.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1752/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : HEAT REFLECTIVE COVER FOR AUTOMOBILES

(51) International classification :A47J37/05
(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)Pariksheet Vishwas Deval
Address of Applicant :˜Rajat™, 41/6, Karvenagar Housing Society, Pune 411052, Maharashtra, India
(72)**Name of Inventor :**
1)Pariksheet Vishwas Deval

(57) Abstract :
Disclosed herein is an improved cover for automobiles capable of effectively shielding said automobiles from heat and/or build-up resulting from incident sunlight. Also disclosed are principles of its construction which allow ease of operation, storage and other advantages during use in conjunction with automobiles and other further applications.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014
(21) Application No.186/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DESMODRONIC SHAFT AND YOKE ASSEMBLY FOR TRANSLATING LINEAR TO ROTARY MOTION

(51) International classification :F16H21/36,F01B9/02,F02B75/32
(31) Priority Document No :2011902573
(32) Priority Date :30/06/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000769
Filing Date :29/06/2012
(87) International Publication No :WO 2013/000029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EXODUS R&D INTERNATIONAL PTE LTD
Address of Applicant :C/ The JYSK Group 213 Henderson Road #01 08 Henderson Industrial Park Singapore 159553 Singapore.
(72)**Name of Inventor :**
1)FLENCHE George

(57) Abstract :
The present invention relates to an assembly for translating linear movement to rotary motion and in particular to an improved relationship between a linearly reciprocal member such as a yoke structure and associated piston and a rotatable shaft such as a crank shaft. The invention could be used in any application where motion is to be translated from rotary to linear or vice versa such as in compressors for example.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013
(21) Application No.2270/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ETORICOXIB

(51) International classification :C07D207/20, C07D211/70
(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)ALEMBIC PHARMACEUTICALS LIMITED
Address of Applicant :ALEMBIC CAMPUS, ALEMBIC ROAD, VADODARA-390 003, GUJARAT, INDIA
(72)**Name of Inventor :**
1)SHAH, SUDHIR
2)RANA, PIYUSH
3)KANZARIYA, KAMLESH
4)JAYARAMAN, VENKAT RAMAN

(57) Abstract :
The present invention encompasses an improved process for the preparation of 2-chloro acrolene which is used in the syntesis of Etoricoxib of formula (I). More particularly present invention provides process for the preparation of Etoricoxib which gives Etoricoxib in high yield and purity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013
(21) Application No.2271/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR COMPUTATION OF REALIZATION INDEX

(51) International classification	:G06F21/10, G06F1/00,H04L12/66
(31) Priority Document No	:13/901,261
(32) Priority Date	:23/05/2013
(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 :**
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(72)**Name of Inventor :**
1)DEVARAPALLI, HARI PRASAD
2)MANDALEEKA, NARAYANA GURU PRASADA LAKSHMI

(57) Abstract :
System and Method for computing a value realization index for Information Technology (IT) services is disclosed. According to the system and the method, a data receiving module may be configured for receiving input data indicative of monetary value invested by a use on the IT services. Further, computational weights for qualities associated with the IT services may be received from the user. A data normalization module may be configured for normalizing the computational weights. A metric capturing module may be configured for capturing quality metrics for the qualities and the business metrics for the IT services. A metric mapping module may be configured for mapping the quality metrics with the business metrics using the normalized computational weights and domain benchmark values. A derivation module may be configured for deriving a business value. An index computation engine may be configured for computing the value realization index for the IT services.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013
(21) Application No.2513/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS FOR SEPARATION OF SEMICONDUCTING AND METALLIC SINGLE WALLED CARBON NANOTUBES

(51) International classification	:C01B31/02, B01D11/00
(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 SCIENCE EDUCATION AND RESEARCH
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(72)**Name of Inventor :**
1)CHATURVEDI, HARSH
2)SHARMA, PARITOSH KUMAR
3)MAHESHWARI, NEERAJ OM

(57) Abstract :
Disclosed herein is a process for separation of Semiconducting and Metallic Single Walled Carbon Nanotubes by optical excitations. The process of the present invention is devoid of chemical modification or physical process.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013
(21) Application No.2652/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRO THERMAL CLOTH IRON

(51) International classification	:D06F83/00, D06F 75/00
(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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Address of Applicant :21, OMKAR APARTMENTS, OPPOSITE PRIYADARSHNI GIRLS HOSTEL, T POINT, HINGNA ROAD, NAGPUR. Maharashtra India
(72)**Name of Inventor :**
1)ROHAN SUNIL TANKSALE

(57) Abstract :
Approximately 1000 watts is consumed every time we us cloth iron to press our clothes. This can be avoided using the present invention. The present invention bars users from using renewable energy resources like coal and wood for burning. This way gadget becomes ecofriendly as it involves only inter conversion of energies and there by becomes self driven and self-sustainable. Owing to the lost cost and non-consumer of electricity this device could be a great help and can be carried along even on expeditions where the clothes could be ironed with ease. This can be a best replacement for gadgets using coal for their burning process. The best part of this invention is that it has got no recurring cost involve in it. The induction coil is usually made of copper tubing and fluid cooled. Diameter, shape, and number of turns influence the efficiency and field pattern. . The alternating magnetic field induces eddy currents in the work piece. 1) Every electric current has a magnetic field surrounding it. 2) Alternating currents have fluctuating magnetic fields. 3) Fluctuating magnetic fields cause currents to flow in conductors placed within them, which is also known as Faradays Law. Adding these three properties together means that a changing electric current is surrounded by an associated changing magnetic field, which in turn generates a changing electrical current in a conductor placed within it, which has its own magnetic field and so on. If the wire is connected through an electrical load, current will flow, and thus electrical energy is generated, converting the mechanical energy of motion to electrical energy. This generated electrical energy will be again driven back to heat the iron rod to make the filament hot the heated filament would then make the device work like normal cloth iron. Induction heating is the process of heating an electrically conducting object (usually a metal) by electromagnetic induction, where eddy currents (also called Foucault currents) are generated within the metal and resistance leads to Joule heating of the metal. An induction heater (for any process) consists of an electromagnet, through which a high-frequency alternating current (AC) is passed. Heat may also be generated by magnetic hysteresis losses in materials that have significant relative permeability. The frequency of AC used depends on the object size, material type, coupling (between the work coil and the object to be heated) and the penetration depth.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2272/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :05/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR IDENTIFYING WEB PAGES USING INVARIANTS

(51) International classification	:G06F17/30, G06K9/00
(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)CHENGOTTUSSERIYIL, JOEL JOSEPH
2)BANAHATTI, VIJAYANAND MAHADEO
3)SHUKLA, MANISH
4)VIDHANI, KUMAR MANSUKHLAL
5)LODHA, SACHIN P
6)KARANDE, SHRISH SUBHASH

(57) Abstract :
Disclosed is a method and system for identifying web pages using invariants. The system comprises receiving module, identifier generation module, unifier module, comparator and optimizer. Receiving module is configured to receive set of web pages, web page instances and set of measurable elements associated with web pages. Identifier generation module is configured to generate identifier for selected instances of each of web page by applying identifier generation technique over the set of measurable elements, to populate a matrix, wherein each cell of matrix includes value of the identifier generated for selected instance of each of the web page. Unifier module is configured to process the matrix to unify the identifiers. Comparator is configured to compare the unified identifiers in order to distinguish web pages. Optimizer is configured to optimize set of measurable elements and parameters of the unified identifier.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2393/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :17/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE FOR REMOVING PAVER BLOCKS

(51) International classification	:F21S8/02, E01F9/00, F21Y111/00, F21V8	(71)**Name of Applicant :** **1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY** Address of Applicant :POWAI, MUMBAI 400076, MAHARASHTRA, INDIA
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(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Device for removing paver blocks. Device (1) comprises an inverted U-shaped outer handle (2) and an inverted U-shaped inner handle (7) cooperatively disposed within the outer handle and spring (27) tensioned. Outer handle is with castor wheels (6) and inner handle comprises an elevated footrest (13) at the rear side thereof. Rear wheel (14) is mounted below the footrest at the centre thereof. Pair of L-shaped levers (16) are rotatably held in the inner handle on a first cross rod (22) extending through arcuate slots (20) in the vertical limbs (17) of the L-shaped levers bearing against the inner handle and fixed to the outer handle. Second cross rod (23) is disposed against the front sides of the L-shaped levers and the rear sides of the inner handle and fixed to the outer handle. Pair of front wheels (24, 24) are rotatably mounted between the L-shaped levers with the rear wheel at the centre of the front wheels. Diameter of the front wheels is half the diameter of the rear wheel

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.2668/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SELECTION OF CAPILLARY TUBES IN REFRIGERATION APPLIANCES

(51) International classification	:F25B41/06, F25B41/00
(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)Dr. U S Wankhede

(57) Abstract :
As per the Montreal & Kyoto protocol, the conventional refrigerants are to be phased out (Now all the CFCs and compounds such as Halons have been completely phased-out, while by 2030 almost all other ODSs will be phased-out) and instead of that eco friendly refrigerants are used in refrigeration appliances. A number of refrigerants, pure as well as blends have been considered all over the world as retrofit refrigerants. It doesn™t require either any change in refrigeration system or requires minimum changes in this work. Following invention is described in detail with the help of Figure 1 of Sheet 1 showing the Experimental Set-up • .

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013
(21) Application No.2669/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DESIGN, DEVELOPMENT AND FABRICATION OF LIGHT-WEIGHT AND LONG-RANGE PESTICIDE SPRAYER

(51) International classification	:F01N3/022, B01D53/34, B28B1/00
(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)Saikrupa Adenkiwar
3)Shailesh Alone
4)Tejas Pitale
5)Dr. Santosh B. Jaju

(57) Abstract :
The need of the hour is to have a device which can have a higher range of spray without sacrificing the user comfort and yet keeping it affordable. The job of a pesticide sprayer is to enable the farmer to spray pesticides on the field over a considerable distance with ease. The project is to develop the manual pesticide sprayer to improve its performance and its range of spray while keeping it light weight. This can be accomplished by replacing the fixed volume accumulator of the manual pesticide sprayer by an elastic inflatable bladder. This will provide constant pressure on the liquid while pumping and discharging and this helps to improve the range of spray and in turn improve its performance while keeping it light weight i.e. comfortable and yet affordable. Following invention is described in detail with the help of Figure 1 of Sheet 1 showing design of pesticide sprayer and Figure 2 of Sheet 2 showing the design mechanism of working of invention

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014
(21) Application No.173/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PISTON OF A FREE PISTON ENGINE GENERATOR

(51) International classification :F02B71/04,F02B63/04,H02K7/18
(31) Priority Document No :1113746.0
(32) Priority Date :10/08/2011
(33) Name of priority country :GB
(86) International Application No :PCT/GB2012/051850
Filing Date :31/07/2012
(87) International Publication No :WO 2013/021171
(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)COCKERILL Samuel Edward

(57) Abstract :
A piston for a free piston engine generator comprising one or more elements arranged coaxially along a piston shaft wherein the length of the piston is at least five times its maximum diameter wherein at least one of the elements is formed from a magnetically permeable composite material having isotropic electrical resistivity at least twice that of electrical steel this arrangement providing improved free piston position control more consistent combustion and improved electrical conversion efficiency.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013
(21) Application No.2398/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : 'TUBE - W' FOR REMOVAL OF FLOCS IN WATER TREATMENT

(51) International classification	:C02F1/52, B01D21/00
(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)BHOLE ANAND GOVIND

(57) Abstract :
The Tube - W is a modification of Chevron tube having six equal sides each of magnitude a, in Patent No. 163038 dated 20-01-1986. in the case of the Chevron tube, there is a single V shaped bottom the angle of the V being 90° and the width V2(a) where in two V shaped bottoms are adjusted forming W shape, the angle of each of the two V shapes is 45° i.e. much more steep compared to 90° of chevron shape. The 45° slope is much more steep compared to 90° slope and hence results in more efficient sliding of the flocs which settle on the 45° slope. Hence concentration of the flocs at the bottom of the hopper is relatively higher which further helps to more efficient sliding of the sludge along the longitudinal direction of the tube. The two 45° hoppers in the W shape tube entrap larger quantity of flocs and allow them to slide down the slope of the hoppers in shorter time. In case of standard conventional chevron tube, the vertical height of the tube is also fixed which can be reduced in the present invention. Smaller the height lesser the time required by the flocs to travel, thus even smaller diameter flocs alongwith large size flocs are removed in the present invention -Tube-W making the invention more efficient and effective compared to chevron tube.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2662/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SWITCH FOR DETECTING SIDE STAND POSITION OF A VEHICLE

(51) International classification	:B62H1/02	(71)**Name of Applicant :**
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(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)MR. VIJAY CHHEDA**
(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 discloses a switch for detecting side stand position of a vehicle which comprises a reed switch assembly attached to a metal bracket which is being mounted on side stand bar; and a warning indicator; the reed switch assembly comprises two stationary reeds - Normally Closed reed and Normally Open reed; and one movable reed having ferrous piece attached to the movable reed being responsible for actuation of reed from Normally Closed to Normally Open; the reed switch sends the signal to warning indicator if the side stand is ON while running the vehicle and it cuts off the signal to the warning indicator if the side stand is ON while parking the vehicle; thus present reed switch serves as safety device as it helps in avoiding accidents when the side stand hit on the road while taking turning curves; the reed switch is waterproof and easy to mount on any side stand frame of vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013
(21) Application No.2664/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : LOADER

(51) International classification :B29D 30/02
(31) Priority Document No :102012021192.9
(32) Priority Date :30/10/2012
(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

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(72)**Name of Inventor :**
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2)MARTINEZ IGNACIO ALONSO

(57) Abstract :
The invention describes a loader (10) . The loader (10) comprises a loader boom (12) and a tool carrier (26) or a tool arranged on the loader boom {12) , wherein the tool carrier (26) or the tool is connected at a first pivot point (42, 44) to the loader boom (12) and at a second pivot point (4 6, 48) to a pivot linkage (24) , wherein the pivot linkage (24) comprises a first and a second link (30, 32, 34, 36) which are pivotably connected to one another at a first link point (38, 40), and wherein the first link {30, 32) is pivotably connected at a second link point (54, 56) to the loader boom (12), and the second link (34, 36) is pivotably connected at a second link point (50, 52) at the second pivot point (46, 48) to the tool carrier (26) or to the tool, and furthermore a sensor (58) is provided by means of which a pivot angle between the tool carrier (26) or tool and loader boom (12) can be detected. To protect the sensor in as effective a manner as possible, it is proposed that the sensor (58) is positioned in a cavity (76) on the loader, and an actuating device (60) is provided for the sensor (58), which actuating device extends partially through an opening (74) formed on the cavity (76) and connects the sensor (58) to the pivot linkage (24).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013
(21) Application No.2293/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A LIFTING BEAM FOR A LOAD MANEUVERING MACHINE

(51) International classification	:B60P1/64, B60P1/48
(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

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4)MUDALIYAR AJAY SHANKARRAO
5)MUKHERJEE SAURAV

(57) Abstract :
A material handling system for lifting, holding and positioning structural elements includes a load maneuvering arrangement and a lifting beam. The load maneuvering arrangement facilitates movement to the lifting beam. The lifting beam, pivotally connected and moved by the load maneuvering arrangement, includes a central element and a plurality of auxiliary elements. The central element is connected to the load maneuvering arrangement and is provided with connecting means that facilitate connection of the central element with a holding element for facilitating holding of a structural element. The plurality of auxiliary elements, pivotally connected to the central element, are locked at different angles with respect to the central element for defining different configurations of the lifting beam and are further provided with at least one connecting means that facilitate connection of the auxiliary element with a holding element for facilitating single point and multi point holding of the structural element.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2671/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROTARY TABLET MAKING MACHINE

(51) International classification	:B30B11/08, B30B11/02
(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 :**
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3)PAUL PRAJESH

(57) Abstract :
Rotary tablet making machine Compression station (6) of the machine (1) comprises a stationary bottom actuator circular disc (13) disposed in the path of the lower punches of the machine in the radial direction of the bottom actuator disc and having a first flat surface (15) at the top most circumference thereof and a stationary top actuator circular disc (16) disposed vertically aligned with the bottom actuator disc in the path of the upper punches of the machine in the radial direction of the top actuator disc and having a second flat surface (18) at the bottom most circumference thereof matching with and aligned with the first flat surface at the top most circumference of the bottom actuator disc. An endless roller chain (19) is rotatably mounted over the respective actuator disc. A roller chain consists of a plurality of compression segments (20). Each compression segment has a flat outer face (22) corresponding to and matching with the first and second flat surfaces at the outer circumference of the respective actuator disc and a roller (25) rotatably held at the inner face of the compression segment making a line contact with the outer circumference of the respective actuator disc. Punch heads (10a, 9a) of the lower and upper punches engage against the flat outer faces of the respective roller chain

No. of Pages : 30 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2672/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD OF MODULAR BUILDING CONSTRUCTION

(51) International classification	:E04B1/16, E04B2/84
(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 :
A system of modular building construction, the system including a shell made from concrete and mortar with a hollow interior and an opening at an operative top adapted to form an outer periphery of the modular building construction and further adapted to include an outer architecture of the modular building construction, a core made from prefabricated concrete of shape complimenting that of the hollow interior of the shell and adapted to include an inner architecture of the modular building construction and at least one tower crane adapted to lift and insert the core inside the shell through the opening.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014
(21) Application No.133/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SPRAY NEEDLE FOR JET DEVICE

(51) International classification :B05B1/32,B05B7/06
(31) Priority Document No :201310153989.5
(32) Priority Date :27/04/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/084278
Filing Date :26/09/2013
(87) International Publication No :WO 2014/173071
(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 spray needle for a jet device comprising a spray needle body (1) and a tapered part (2) arranged at the end of the spray needle body (1) and characterized in that the spray needle body (1) is circumferentially provided with supporting bodies so that when the spray needle is assembled in a spray nozzle (9) of the jet device the outer surfaces of the supporting bodies are coordinated with an inner chamber of the spray nozzle to limit the position of the spray needle body (1) and form fluid channels (3) among the supporting bodies thereby being able to effectively prevent the spray needle from deviating from the spout of the spray nozzle or from radially swinging due to a very high and non uniform radial pressure borne in the radial direction thereof and avoid affecting the spraying effect of the spray nozzle on the premise of not affecting the smooth flow of the fluid when the pressure of the fluid passing through the spray nozzle is relative large or very high and the velocity of the fluid is unstable.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2300/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :08/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SQUAT TOILET BOWL FLUSHING SYSTEM

(51) International classification :E03D11/04
(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 :**
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3)PRANAV UMESH KAHALEKAR

(57) Abstract :
The present invention discloses a squat toilet bowl flushing system that includes a housing having a first motor, a second and motor a gear assembly. The toilet bowl flushing system includes a first water tank and a second microbial solution tank. A controller controls solenoid valves and motors. The second motor is positioned on a top of a rack of the gear assembly. The rack has a hollow interior that receives a shaft that further connects to a head that is removable and replaceable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2013
(21) Application No.2416/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS FOR REFOLDING OF RECOMBINANT PROTEINS

(51) International classification	:C07K1/113, C07K1/13
(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)KRISHNAN, Archana
3)GHADE, Nikhil
4)SHAIKH, Faiza

(57) Abstract :
A machine or apparatus for refolding a protein of interest produced recombinantly in a host cell in form of inclusion bodies is provided. The apparatus includes an inclusion bodies (IB) solubilisation tank to solubilise the inclusion bodies; a plurality of refolding vessels or reactors arranged in series to receive a refolding feed; a first tank connected to the IB solubilisation tank to hold diafiltration buffer or agent, at least one diafiltration cartridge, having at least one permeate end and one retentate end, connected to the IB solubilisation tank, through a first retentate end, to feed the refolding feed to the IB solubilisation tank; a second tank, connected to the first permeate end of the diafiltration cartridge to receive and recycle the refolding buffer and each of the refolding vessels, for supplying refolding buffer or agent to each of the refolding vessels.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2678/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ONE PIECE DENTAL IMPLANT WITH PRONGED ABUTMENT

(51) International classification	:A61F2/00, A61F2/30, A61C8/00
(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)PATIL SMITA PRAVINKUMAR

(57) Abstract :
This invention relates to the one piece dental implant having pronged abutment. The abutment portion of the one piece implant can be vertically sectioned at the manufacturing level with 2, 3, 4, 5 or more prongs depending upon the diameter of the abutment and need. The prongs of the abutment can be bent in desirable angulations with the help of a ratchet and implant carrier. After bending the prongs of the abutment the free spaces left in-between each prong can be filled with the light cured composite resin to make the bundle of multiple prongs into a single unit. The provision of sectioning the abutment into multiple prongs allows easy bending of the abutment into the desired direction intraorally and requires minimum bending force. In case of multiple implant placement (planned to join with a single bridge framework), each abutment should be bent parallel to each other immediately after placement of the implant-body, irrespective of its direction. Bending of the abutment reduces amount of reduction required to fabricate the prosthetic superstructure.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013
(21) Application No.2296/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BRIDGE MODULE

(51) International classification	:E01D15/14, E01D15/133
(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)SINGH AWADHESH KUMAR
4)MUDALIYAR AJAY SHANKARRAO
5)SAGAR VIJAY GANPATI

(57) Abstract :
A bridge module for constructing a modular bridge assembly is disclosed. The bridge module includes a bridge module frame structure, at least one male locking element, at least one female locking element and at least one locking mechanism. The male locking element and the female locking element are disposed on the bridge module frame structure and facilitate locking of one bridge module to another bridge module. The locking mechanism facilitates locking of the male locking element and the female locking element with a corresponding female locking element and a male locking element respectively of another bridge module. At least one locking mechanism includes at least one shaft, a transmission mechanism and at least one locking element.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2297/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :08/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : 'ENVIRONMENT FRIENDLY BIO-PESTICIDES

(51) International classification	:A01N63/00, A01N65/40
(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)YUTIKA RANGARI

(57) Abstract :
The present invention relates to a Bio-pesticide formulation having high bio-efficacy standards without affecting the environment comprising 9.6% by weight of Neem {Azadirachta indica); 15.6% by weight of Maharoop (Emilia sonchifolia);23.6% by weight of Besharam [Ipomoea carnea); 23.6% by weight of Ruhi {Rubus hispidus); 7.6% weight of Kaner (Nerium oleander); 7.6% weight of Karanji [Holoptelea integrifolia) and 2.4% by weight of Go-mutra (Cows Urine). The invention also relates to a process for preparing the said Bio-pesticide formulation facilitating the enhancement of pesticide potency. This Bio-pesticide formulation formulated by the process of this invention has found its application and usage as a pest control formulation in Agriculture with higher bio-efficacy and potency to control more number of target pests.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2686/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : FLUID TREATMENT UNIT FOR FABRIC, CELLULOSIC AND THE LIKE MATERIAL AS WELL AS FLUID TREATMENT METHOD

(51) International classification	:D21F1/34, D06C7/02
(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)INSPIRON ENGINEERING PRIVATE LIMITED
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(72)**Name of Inventor :**
1)HELGE FREIBERG
2)PRAMODKUMAR DURLABHBHAI MISTRY

(57) Abstract :
The invention pertains to a fluid treatment unit for fabric, cellulosic and the like material (12) comprising at least one manifold (38, 40) for blowing fluid onto the surface of the fabric, cellulosic or the like material (12) which is continuously guided past at least one manifold, said manifold (38, 40) comprising a manifold housing (64), a port which is provided on one side of the manifold (38, 40), a nozzle plate (44) having at least one outlet opening (62) through which the fluid is blown onto the said fabric, cellulosic and the like material (12) and a duct for guiding the fluid from the said port (46) to the said nozzle plate (44). The present invention also provides a method for continuous and uniform fluid treatment of the fabric.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2688/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : EDIBLE COSMETIC COMPOSITION

(51) International classification	:A61K8/31, A61K8/49
(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)BIO-SOLS INDIA PVT. LTD.
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(72)**Name of Inventor :**
1)SARDA, SURESH
2)SARDA, PANKAJ

(57) Abstract :
The present invention discloses an edible cosmetic composition which provides moisturizing, softening, soothing, skin whitening, anti-acne, anti-aging and antioxidant properties to the skin. The invention further discloses process for preparation of said edible composition.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1072/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SPICES GUN

(51) International classification	:F04B35/01, F41A19/58, F41B11/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a specially design gun having the pin which will store the air in the air chamber, pressure energy is converted into the impact energy and the cartridge have spice fill them so that can be thrown during the emergency time by pressing the trigger.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1073/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HUMAN POWER TORCH

(51) International classification	:F21L4/00, F03G5/06, H02K21/24
(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)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a lever attached with the small generator is fixed in the small torch such that the muscular energy is converted into the mechanical energy by the rotation of the lever and the mechanical is converted into the electrical energy and the electrical energy is stored into the battery and the torch will run on the battery power.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013
(21) Application No.1074/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : WAIST MEASURER BELT

(51) International classification :A41F9/00
(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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4)Bhavsar Swapnil Chandrakant
(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a special belt is design having number printed on one side and normal colour on other side such that it can serve the purpose of the waist measurer and the belt also.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2683/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : WATER DISPERSIBLE METAL NANOPARTICLES OBTAINED FROM NOVEL CALIX[4]RESOCINARENE HYDRAZIDES AND APPLICATIONS THEREOF.

(51) International classification	:C09K11/80, C07C45/50, B01J31/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)BHATT KEYUR DINESHCHANDRA
5)DARJI SAVAN MAHESHBHAI
6)MISHRA DIVYA RAM
7)AGRAWAL YADVENDRA KUMAR
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4)BHATT KEYUR DINESHCHANDRA
5)DARJI SAVAN MAHESHBHAI
6)MISHRA DIVYA RAM
7)AGRAWAL YADVENDRA KUMAR

(57) Abstract :
The present invention relates to novel calix[4]resorcinarene hydrazides of formula (X) and process for the preparation thereof. Formula (X) The present invention also relates to the use of calix[4]resorcinarene hydrazides of formula (X) in the preparation of water dispersible stable metal nano particles.

No. of Pages : 91 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2684/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN IMPROVED NOVEL PROCESS TO REDUCE ANTI-NUTRITIONAL AGENTS IN DE-OILED CAKE OF COTTONSEED MEAL/CASTORSEED MEAL OR ANY OILSEEDS MEAL/BIOMASS THEREOF

(51) International classification	:A23L1/211, A23K1/18, A23K1/00
(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)MS ABHAY COTEX PRIVATE LIMITED
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(72)**Name of Inventor :**
1)MR ASHISH MANTRI
2)MR D.A. PRASAD

(57) Abstract :
An improved novel process to produce De-oiled meal (Cottonseed meal or Rapeseed meal or Castorseed meal or any biomass) with significant reduction in Anti Nutrinational factors and improved availability of valuable constituents and nutrients. , a) The grinded de-oiled meal are taken into the single or multi-stage cooking device followed by agitation. b) To the processed meal obtained at step (a) a required quantity of water is been added at a single stage or at all the stages. c) After addition of water, an indirect steam treatment to be introduced in any one of the stage or at all the stages and more number of treatments at different stages as depicted above. d) One can also have de-oiled meal after solvent extraction with hexane and perform the below steps to get the same result without performing steps a,b&c. e) Subjected de-oiled cake/meal of step a-c/d are treated in a DE-SOLVENTIZTION / TOASTER EQUIPMENT in presence of alkali hydroxides/ acides of strong or weak nature, in presence of direct heat and or steam, and thereby producing disintegrated, hydrolyzed, detoxified , de-solventized or dried and toasted Cottonseed/ Rapeseed/ Castorseed/ Rapeseen/ Castorseed de oiled cake or Cottonseed/ Rapeseed/ Castorseed-oil cakes as the case may be. f) Drying the disintegrated hydrolyzed, detoxified, de-solventized or dried and toasted material obtained to step e to obtain dried, de-solventized and. toasted cake with improved properties. g) Alternatively, fortifying the dried , de-solventized and toasted cakes with one or more nutrients and energy rich compounds/additives either with or without adding of sodium salts of soapy slurry material and further. h) Application of said dried, de-solventized and toasted cakes with improved properties obtained in step g or fortified dried, de-solventized and toasted cake with one or more nutrients and energy rich compounds/additives as obtained in step T for animals, poultry, aqua...etc.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2425/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :20/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF VISIBLE LIGHT RESPONSIVE DOPED TITANIA PHOTOCATALYSTS

(51) International classification	:B01J21/06, B01J21/02
(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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Address of Applicant :Nirmal Building, 9th Floor, Nariman point, Mumbai, Maharashtra, India
(72)**Name of Inventor :**
1)MAPARU AUHIN KUMAR
2)RAI BEENA

(57) Abstract :
Present disclosure provides a process for the synthesis of visible light responsive doped titania photocatalysts. The process involves step a) milling a mixture containing titania and a precursor compound, said compound selected from the group consisting of chloroauric acid and a mixture containing chloroauric acid and silver nitrate, in the presence of water and oxide milling media, at a temperature in the range of 20 to 500C for a period of 60 -120 minutes, to form a slurry, wherein the amount of water is in the range of 15 to 25% by weight of the total mixture; and b) filtering the slurry to separate the oxide milling media and obtain a filtrate containing doped titania nanoparticles.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013
(21) Application No.2426/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : USER ORIENTED DRIVER-DRIVEN ENTERPRISE RESOURCE PLANNING SYSTEM

(51) International classification :G06Q99/00
(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)KAUSHIK POPATLAL WANI

(57) Abstract :
An user oriented Driver Driven Enterprise Resource Planning System with a robust structure to cater to building and managing any conceivable Business Structure vis a-vis an entity with no vertical or horizontical limit.. A system which will enable analysis, decision making and evolution of the problems traced with an alternative solution

No. of Pages : 52 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013
(21) Application No.2428/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ZOLPIDEM, METHOD OF PREPARATION AND AN INTERMEDIATE THEREIN

(51) International classification	:A61K31/4745, C07D471/04
(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)SINGH ALOK ARDAMAN
2)DHALE ATULKUMAR DEONATH

(57) Abstract :
The present disclosure relates to a novel intermediate for the preparation of Zolpidem. The present disclosure also provides a process for the preparation of Zolpidem using the novel intermediate. A process using inexpensive, readily available and non-toxic reagents for the preparation of Zolpidem is also disclosed in the present disclosure.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2429/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :22/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A FIBER SUITABLE FOR PACKAGING AND STORING PLANT PRODUCE

(51) International classification	:D06M 11/00, D06M 13/00
(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)KALPESHKUMAR BHIKHUBHAI SIDHPURIA
2)PRAKASH KUMAR
3)GURUDATT KRISHNAMURTHY
4)SHASHANK JOGDISH DEHADE
5)SUDIP KUMAR SARKAR
6)RAKSH VIR JASRA

(57) Abstract :
The present disclosure relates to a fiber suitable for packaging. The fiber comprises a photocatalyst and optionally, a silicon containing linker. The photocatalyst is bonded to the fiber by means of a first functional group pre-present on the fiber and optionally, a second functional group generated by a silicon containing linker. The chemical bonding between the fiber and the photocatalyst imparts durability and wash ability to the fiber. A packaging material prepared using the fiber of the present disclosure can effectively be used for the storage of plant produce.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2013
(21) Application No.2698/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : REMOTE DESKTOP SHARING FOR VEHICLE DISPLAYS

(51) International classification	:H04L29/08, 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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KONDEKAR RITESH

(57) Abstract :
A system and method to remotely share a display screen are provided. Packets on a data bus may be detected with a bus sniffer, where the packets are transmitted by a display controller to a first display device over the data bus. The packets may include information describing a graphical user interface displayed in the first display device. A representation of the graphical user interface may be generated in a memory from the packets. The representation of the graphical user interface in the memory may be shared with a second display device over a network with a desktop sharing system. The second display device may display a copy of the graphical user interface based on the representation of the graphical user interface shared by the desktop sharing system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013
(21) Application No.2433/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF HERBICIDES.

(51) International classification	:A01P13/00, A01N37/40
(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. M. M. V. RAMANA
2)SHARMA MADHU RADHEYSHYAM

(57) Abstract :
The present invention relates to the synthesis of herbicides by simple and eco-friendly method. The main object of the present invention is to synthesize the herbicides through N-arylation by using KF/Al2O3 under solventless and transition metal free condition.

No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013
(21) Application No.2435/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS TECHNOLOGY FOR MULTI-NUTRIENT COMPOSITE MIX FOR BISCUITS

(51) International classification	:A21D13/08, A21D2/34
(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)DIPIKA AGRAHAR MURUGKAR

(57) Abstract :
This invention relates to the development of process technology for multi-nutrient composite mix high in protein, fiber, iron, anti-oxidants, flavonoids and phenolics. The mix contains various nutrients without any artificially added fortifications and is free from refined flour. This invention further relates to the improvement of quality of raw ingredients using germination as a pre-processing step. Generally, the invention comprises a series of manufacturing steps to prepare multi-nutrient mixes and utilizing the mix to produce food products free from refined flour. Moreover, the mix which has been pre-treated to improve its quality by process like malting /sprouting and extending its advantages to products like biscuits is a novel concept. It is also possible by the means of this invention to produce a mix having good flavour, texture and colour, excellent nutritional and functional qualities without any artificial fortification. Finally as the final objective of the innovation, the multi-nutrient mix is used for the development of biscuits for children. The biscuits are nutritious, have a good mouth feel, colour and texture and other organoleptic qualities. The product is at least one of; a food product, a nutritional supplement, a dietary supplement, a fiber supplement, and a functional food. The process can be practiced very economically, with standard equipment, to produce large volumes of the product with comparatively small investment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013
(21) Application No.2437/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYNTHESIS OF α,, -UNSATURATED CARBOXYLIC ACIDS AND ESTERS

(51) International classification	:C07C51/573, C07C57/04
(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)BHAT, RAMAKRISHNA GOPALKRISHNA
2)MOHITE, AMAR RAMCHANDRA

(57) Abstract :
Disclosed herein is a cost-effective, environmentally benign, one pot catalytic process for synthesis of a, -unsaturated carboxylic acids (2) and esters (2) with high E-stereoselectivity from derivatives of cyclic 1, 3-diesters (Meldrum™s esters) (1) using a highly efficient catalytic protocols containing FeCl3.6H2O (cat.), H2O (1 equiv.) and FeCl3.6H2O (cat.), alcohol (R2-OH, 1 equiv.) in CH3NO2 respectively under microwave irradiation as well as under conventional heating conditions with better turnover number (TON) and turnover frequency (TOF) values.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014
(21) Application No.272/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMPROVEMENTS RELATING TO POLYMERS DEPOSITION AIDS TARGETED BENEFIT AGENTS AND SUBSTRATE TREATMENT COMPOSITIONS

(51) International classification :C11D3/37,C11D3/50,C08G63/66
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/001414
Filing Date :24/08/2011
(87) International Publication No :WO 2013/026182
(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 Honggang
2)JONES Christopher Clarkson
3)PAN Xiaoyun
4)WANG Jinfang

(57) Abstract :
The invention provides a polymer comprising at least one phthalate region substantive to polyester (preferably derived from (poly)ethylene and/or propylene glycol and a terephthalate) and at least one polysaccharide region substantive to cellulose (preferably a 1 4 nked structure more preferably a poly mannan poly glucan po!y glucomannan poly xyloglucan or poly gaiactomannan) most preferably a graft polymer of locust bean gum and a PPT/PET POET polymer. The polymer may be attached to particles comprising a benefit agent (preferably a perfume) which have said polymer as a deposition aid on their outer surface. The invention also provides a laundry detergent or conditioning composition comprising at least one surfactant and a polymer according to the invention.

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1052/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWER GENERATION FROM WASTE WATER FLOW IN A CHEMICAL PLANT

(51) International classification	:F01K13/00,F01K 7/00,C02F1/42
(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)Jain Anjil Anvin
3)Shah Parin Kamalkumar
4)Dr. Vasani Rupesh Parmanand
(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a waste water wave passing through a specially design turbine the turbine gives mechanical energy and generator converts mechanical energy to electrical energy and the electrical energy store into battery and the battery is attached to inverter, and the inverter gives electrical energy to the street lights and other components.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1053/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A GYM POWER GENERATION FROM DIFFERENT MACHINE

(51) International classification	:A63B22/08, F03G5/08, A63B22/04	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Bhavsar Swapnil Chandrakant**
(32) Priority Date	:NA	Address of Applicant :M-64/768, Chitrakut Apartment Sola Road, Naranpura Ahmedabad-380063 Gujarat, India.
(33) Name of priority country	:NA	**2)Jain Anjil Anvin**
(86) International Application No	:NA	**3)Shah Parin Kamalkumar**
Filing Date	:NA	**4)Dr. Vasani Rupesh Parmanand**
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)Dr. Vasani Rupesh Parmanand**
Filing Date	:NA	**2)Shah Parin Kamalkumar**
(62) Divisional to Application Number	:NA	**3)Jain Anjil Anvin**
Filing Date	:NA	**4)Bhavsar Swapnil Chandrakant**
		5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a free shaft or flywheel passing through a machine the free shaft provide the mechanical energy and generator converts mechanical energy to electrical energy and the electrical energy store into battery and the battery is attached to inverter, and the inverter gives electrical energy to the gym lights and other components.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014
(21) Application No.182/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : POULTRY FEEDER WITH LEVEL SENSOR

(51) International classification	:A01K39/012,A01K39/00,A01K5/02
(31) Priority Document No	:61/521639
(32) Priority Date	:09/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/049921
Filing Date	:08/08/2012
(87) International Publication No	:WO 2013/022926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE GSI GROUP LLC
Address of Applicant :P.O. Box 20 E. Illinois Street Assumption Illinois 62510 U.S.A..
(72)**Name of Inventor :**
1)PICKENS Nathan

(57) Abstract :
A feed level sensor for a poultry feeding system is positioned within the drop tube of a control feeder of the feeding system. The sensor comprise a first light emitter/light detector pair to detect when the level of feed in the drop tube falls below a predetermined empty level and a second light emitter/light detector pair to detect when feed in the drop tube is at a predetermined full level in the drop tube. The sensor emits a start signal to activate a drive to deliver feed to the feeders along a feed line when it is detected that feed in the control feeder drop tube falls below the empty level and emits a stop signal to deactivate the drive when it detects that feed within the drop tube is at the full level.1.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2029/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/06/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : HYDROCARBON RESIDUE UPGRADATION PROCESS

(51) International classification	:C10G51/02, C10G9/14, C10G21/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KUMAR, PRAMOD
2)KUMAR, MADAN K
3)PEDDY, VENKATA CHALAPATHI RAO
4)NETTEM, VENKATEWARLU CHOUDARY
5)GANDHAM, SRI GANESH
6)NETTEM, VENKATESWARLU CHOUDARY
7)GANDHAM, SRI GANESH

(57) Abstract :
The present subject matter provides a process for hydrocarbon residue upgradation. The combination of the hydrocarbon residue along with aromatic rich hydrocarbons, catalysts and surfactants allow the operation of visbreaking unit at higher temperature while producing a stable bottom product.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2332/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :11/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A NOVEL FAST DISSOLVING TABLET

(51) International classification	:A61K9/00, A61K9/20	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)DR. KRISHNAIYER. SANKARANARAYANAN DHANALAKSHMI**
(32) Priority Date	:NA	Address of Applicant :1407, GARDEN VIEW APTS, ROYAL PALMS ESTATE, AAREY COLONY, GOREGAON (E), PINCODE- 400 065, MUMBAI, MAHARASHTRA STATE, INDIA
(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)DR. KRISHNAIYER. SANKARANARAYANAN DHANALAKSHMI**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	**2)DR. YEOLE GOVINDRAO PRAMOD**
Filing Date	:NA	

(57) Abstract :
The present invention relates to fast dissolving technology of an active ingredient which involves preparation of fast dissolving tablet having optimum mechanical strength, hardness and friability while maintaining rapid disintegration in saliva. The process of formulation makes use of super dis-integrants and special granules to yield a tablet with strong tablet structure and having high hardness and low friability values.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014
(21) Application No.363/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ANTIVIRAL COMPOUNDS

(51) International classification :C07D403/14,C07D409/14,C07D491/044
(31) Priority Document No :1157/KOL/2011
(32) Priority Date :01/09/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/054381
Filing Date :27/08/2012
(87) International Publication No :WO 2013/030750
(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)RAMDAS Vidya
2)BANERJEE Moloy Manoj
3)JOSHI Advait Arun
4)LORIYA Rajeshkumar Maganlal
5)GOTE Ganesh Navinchandra
6)PALLE Venkata P.
7)KAMBOJ Rajender Kumar

(57) Abstract :
Compounds of the general formula (I) their tautomeric forms their stereoisomers their analogs their prodrugs their isotopes their N oxides their metabolites their pharmaceutically acceptable salts polymorphs solvates optical isomers clathrates co crystals combinations with suitable medicament pharmaceutical compositions containing them methods of making of the above compounds and their use as antiviral candidate more specifically as anti HCV are disclosed.

No. of Pages : 117 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2356/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : INCREMENTAL CALL HIERARCHY GENERATION

(51) International classification	:G06F17/00, G06F17/50
(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)DHALAIT, Shamimahmad Dadamir

(57) Abstract :
A method and a system for generating an incremental call hierarchy of an application having a plurality of modules are described. The method includes receiving a selected text from a source code and determining the selected text as a module from amongst the plurality of modules. Upon determining the module, the module is associated with a root node of the call hierarchy. After associating the module, content model associated with the module is retrieved from a database. The content model contains information about other modules called by the module in the source code and gets generated during a compilation of the source code. Upon retrieving the content model, the content model is parsed for building individual child nodes of the call hierarchy for each of the other modules in the content model. Based on the individual child nodes, the call hierarchy is generated.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2013
(21) Application No.2610/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL SALTS OF PPAR AGONISTS AND PROCESSES FOR THE PREPARATION THEREOF

(51) International classification	:A61K31/00, C07D413/10
(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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2)GIRI, SURESH
3)KOTHARI, HIMANSHU M.
4)BANERJEE, KAUSHIK
5)KACHHIYA, RASHMIKANT
6)DESAI, RANJIT C.

(57) Abstract :
Novel salts of PPAR agonists and processes for the preparation thereof The present invention relates to certain novel salts of the PPAR agonist of formula (I), processes for the preparation of these novel salts, use thereof and pharmaceutical composition comprising the same. Formula (I)

No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.367/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :27/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : LOCKING DEVICE FOR WIND TURBINES

(51) International classification :F03D11/00
(31) Priority Document No :10 2011 080 228.2
(32) Priority Date :01/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/064934
Filing Date :31/07/2012
(87) International Publication No :WO 2013/017587
(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 :Kurt Dunkelmann Str. 5 18057 Rostock Germany.
(72)**Name of Inventor :**
1)FRITZSCHE Mario
2)SCHORER Frank

(57) Abstract :
The invention relates to a locking device for the rotor of a wind turbine having one or more rotor blades which rotor rotates about a substantially horizontal rotor shaft under wind loads. The rotor shaft is supported on a main frame in a nacelle and transfers the rotation of the rotor shaft either directly or by means of an intermediately connected gearbox to a generator which converts the rotation to electrical energy. For safety reasons it is absolutely necessary that the rotor and thus all rotating parts can be fastened with respect to the nacelle by means of a form fit connection to prevent further rotation. Common to the known solutions is that the known solutions propose to stop the rotor in a certain position in which a through hole and a pin are aligned with each other and thus the pin can engage in the through hole. In order to ensure the highest capacity force transmission possible and secure and play free fastening of the rotor with respect to the nacelle a pin and a through hole of the locking disk are designed to be substantially corresponding in the respective cross sectional shapes and cross sectional dimensions thereof and are to be arranged in such a way that the cross sectional shapes have the same orientation. If the cross sectional shapes deviate from each other the force transmission occurs only at points which leads to increased loading of the components in particular in the area of the respective force application but also beyond the area of the respective force application by means of the stress distribution and as a result to reduced durability or increased requirements for material dimensioning and processing and thus increased costs. An aim of the invention is to provide a locking device that avoids the disadvantages of the prior art and in particular that ensures reliable and substantially unhindered insertion of the pin into the through holes of the disk wherein play between the pin and the through hole is reduced. Said aim is achieved by a locking device according to claim 1 in that adjustment means are provided between the locking pin and the rotor shaft so as to be effective in the radial direction whereby the distance of the locking pin relative to the rotor axle can be adjusted at least in the radial direction.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2380/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROTECTIVE COVER FOR A SEAL ASSEMBLY

(51) International classification	:B62D55/084,, F16J15/32	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Mahindra & Mahindra Limited**
(32) Priority Date	:NA	Address of Applicant :Gateway Building, Apollo Bunder, Mumbai 400001 (M.S.) INDIA.
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)Gnana Soundaran S**
Filing Date	:NA	**2)Rahul S Deshmukh**
(87) International Publication No	: NA	**3)Shrikant S Joshi**
(61) Patent of Addition to Application Number	:NA	**4)Swanand Joshi**
Filing Date	:NA	**5)Ramesh V Koujalagi**
(62) Divisional to Application Number	:NA	**6)Ramesh Waghode**
Filing Date	:NA	**7)Vivek Gupta**

(57) Abstract :
A protective cover (100) for cassette seal (102) to avoid or deflect direct exposure of mud, water, slurry and foreign mater into the seal disposed between a pair of rotatable members in a tractor is disclosed. The protective cover (100) rotates along with the seal and could be easily retro-fitted to said seal. Further the protective cover (100) consists of openings which prevent the accumulation of the foreign materials in said seal.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2630/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR ESTABLISHING STATELESS COMMUNICATION BETWEEN TWO OR MORE DEVICES

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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHARIFF, MOHAMMED YOUSUF
2)GARG, SHALIN
3)VALLAT, SATHISH

(57) Abstract :
Disclosed is a method and system for establishing communication between a mobile device and an electronic device through a server. In one implementation, the electronic device detects the mobile device, when the mobile device is placed on the electronic device. The electronic device further displays a color image on a display unit associated with the electronic device. Further the mobile device captures the color image by using an image capturing unit. Thereafter, the electronic device and the mobile device transmit a first trigger signal and a second trigger signal to the server respectively. Upon receiving, the server transmits a first identification token and a second identification token to the electronic device and the mobile device respectively. The first identification token and the second identification token facilitate to establish the communication between the mobile device and the electronic device through the server.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2631/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A STABLE PHARMACEUTICAL COMPOSITION OF FESOTERODINE HYDROCHLORIDE

(51) International classification	:A61K9/20, A61K9/16, A61K31/222, A61K9
(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)GRYPIOTI AGNI GENEPHARM S.A
3)MANDAL JAYANTA KUMAR GENEPHARM S.A

(57) Abstract :
A stable pharmaceutical composition comprising fesoterodine hydrochloride, a rate controlling polymer sugar alcohol and at least one pharmaceutical excipient(s) and the process of its preparation.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2632/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : HOUSEHOLD APPLIANCE

(51) International classification	:A47L 15/00,A47J 43/00
(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)NIMBARAGI MAHANTESH
2)BAJAK ROBERTO
3)LAMUELA JOSE MANUEL

(57) Abstract :
A household appliance has an appliance body and at least one first roller bearing (24) connected to a bottom plate (4) of said appliance body. The first roller bearing (24) defines a first roller axis (38) extending above said bottom plate (4). A roller (8) is held in at least one second roller bearing (25) which is fixed to said bottom plate (4). A second axis (37) of said roller (8) extends below said bottom plate (4).

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.380/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :28/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS FOR THE PREPARATION OF BIOLOGICALLY ACTIVE COMPOUNDS IN NANOPARTICULATE FORM.

(51) International classification	:A61K 9/51, A61P29/00
(31) Priority Document No	:2006903527
(32) Priority Date	:30/06/2006
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2007/000910
Filing Date	:29/06/2007
(87) International Publication No	:WO 2008/000042
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:20/MUMNP/2009
Filed on	:02/01/2009

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAFFAELE CAMMARANO
2)FELIX MEISER
3)ALMAR POSTMA
4)FRANK CARUSO

(57) Abstract :
A method for producing a composition comparising nanoparticles of a biologically active compound.

No. of Pages : 121 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014
(21) Application No.381/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FIBRE REACTIVE AZO REACTIVE COLORANTS CONTAINING TWO REACTIVE GROUPS OF THE VINYLSULFONE TYPE PRODUCTION AND USE THEREOF

(51) International classification :C09B62/513,C09B43/16,C07D251/12
(31) Priority Document No :329/MUM/2011
(32) Priority Date :04/08/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/053986
Filing Date :03/08/2012
(87) International Publication No :WO 2013/018071
(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)DESAI Pankaj
2)SCHUMACHER Christian
3)VASHI Ashit
4)PATEL Jay

(57) Abstract :
Water soluble dyestuffs having two vinylsulfone reactive groups in the form of free acid of the formula (1) and salts thereof (1) wherein X is NHCN NHR N (CH 3) R O R or S R or X is a heterocyclic radical of the formula wherein W has one of the meanings of R wherein R is selected from C1 C6 Alkyl which is substituted by at least one sulfo sulfato phosphate thiosulfato or carboxy substituent and optionally by further substituents such as hydroxy; R a is Hydrogen or C1 C4 alkyl which is non substituted or may be substituted; R b has one of the meanings of R a K is a radical of the benzene or naphthalene series which is substituted by amino hydroxy Acylamino Ureido C1 C3 alkoxy C1 C3 alkyl halogen nitro or carboxy groups and is optionally further substituted by 1 or 2 Sulfo groups; K 2 has one of the meanings of K D is a benzene or naphthalene radical which is non substituted or substituted by one 20 or more substituents selected from sulfo C1 C4 alkyl C1 C4 alkoxy or halogen D2 has one of the meanings of D1 Y is Vinyl or CH2CH2 L in which L is a leaving group which can be applied as single dye or as mixture for dyeing a wide variety of fibre materials selected from cellulose polyamide or protein fibres to achieve very deep 2 shades with better fastness to washing and contact fastness to water acid and alkaline perspiration.

No. of Pages : 67 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2621/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :08/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWER MANAGEMENT SYSTEM THAT CHANGES THE OPERATING CONDITIONS OF A BATTERY CHARGER

(51) International classification	:H02J9/06, H02J4/00
(31) Priority Document No	:13/591,595
(32) Priority Date	:22/08/2012
(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)ALBSMEIER, ERIC D.
2)MAUK, RICHARD A.
3)CHIU, HARRISON C.

(57) Abstract :
Some embodiments relate to a power management system. The power management system includes a generator that provides a voltage output to a bus. The bus is adapted to be connected to a load. The power management system further includes a battery charger that is adapted to charge a battery. A generator controller operates the generator and also adjusts operating conditions of the battery charger. In some embodiments, the generator includes an internal combustion engine that drives an alternator. Embodiments are contemplated where the battery charger is adapted to receive power from a primary power source. As an example, the primary power source may be utility power or some other form of generator power.

No. of Pages : 15 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2013
(21) Application No.2622/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN AIR DISTRIBUTION ASSEMBLY FOR AN AIR CONDITIONING SYSTEM OF A VEHICLE

(51) International classification	:B60H1/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)TATA MOTORS LIMITED**
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)DEO MILIND**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present disclosure provides for an air distribution assembly for an air conditioning system of a vehicle. The assembly comprises an air distributor of predetermined shape. The air distributor comprises, at least one first type through aperture and a plurality of second type through apertures to facilitate airflow into a vehicle cabin. A casing having a through opening forming an air passage, and at least one provision on either side of said through opening capable of being accommodating the air distributor. The assembly further comprises at least one first and second knob positioned on either sides of the casing. The first knob is removably engaged with the air distributor such that the movement of first knob moves the air distributor to align either one of the first type through aperture, and the second type through apertures with the through opening of the casing.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2624/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ECO-FRIENDLY TOILET

(51) International classification :E04H1/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOHAN SHRIPAD KETKAR

(57) Abstract :
The present invention provides an eco-friendly toilet for treatment of faecal waste matter. The eco-friendly toilet comprises a platform, an opening, a first container, a second container and a tray. The eco-friendly toilet does not require water, flushing system, drainage system, sewage treatment plant and thus prevents the river pollution. The eco-friendly toilet generates high quality organic manure that maintains the quality of the soil and increases the yield of the crops thus works as a boon for an organic farming.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014
(21) Application No.415/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONDUCTOR TRACK UNIT FOR A MOTOR VEHICLE

(51) International classification :H05K3/20,H05K3/30,H05K3/40
(31) Priority Document No :10 2011 082 140.6
(32) Priority Date :05/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000879
Filing Date :01/09/2012
(87) International Publication No:WO 2013/034128
(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–TZEN Klaus

(57) Abstract :
The invention relates to a conductor track unit in particular for a motor vehicle. The conductor track unit is provided with conductor tracks which are embedded in an electrically insulating material. The conductor tracks are in particular completely surrounded by the electrically insulating material and are therefore not accessible from the outside. Electrical connections are electrically connected to the conductor tracks. The electrical connections are accessible from the outside and therefore can be electrically connected to electrical contacts of electrical or electronic components such as a switch detector electronic radio component integrated circuit electronic chip electronic control device or motor for example by soldering. The conductor tracks and electrical connections are different components which are therefore initially independent of one another and can be produced independently of one another. A particularly robust yet delicate conductor track unit can be provided in this way.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014
(21) Application No.293/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR GUIDING THE POSITION

(51) International classification :G01C21/00
(31) Priority Document No :201310264614.6
(32) Priority Date :27/06/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/070416
Filing Date :09/01/2014
(87) International Publication No :WO 2014/206067
(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)XIA Lu
2)JIN Hengzhuang
3)LIU Haipeng

(57) Abstract :
The present invention discloses a system for guiding the position and the method thereof which belongs to the technical field of position navigation wherein it comprises a position capturing device and a treatment device. The position capturing device is connected to the treatment device. The treatment device is connected to the display screen of the mobile terminal. The position capturing device comprises a positioning component an angular speed detection component and a direction detection component. The method comprises the current position including the angle direction and so on and the preconfigured target position of the mobile terminal are captured by adopting the said system; and the treatment device acquires the route between the current position and the target position by treating on the preconfigured map data. The advantageous effects of the above technical scheme are that as follows: adopting the position capturing device to locate the current position and the target position of the mobile terminal and to determine the current posture and the turn signal data simultaneously which makes the navigation more accurately and satisfies the demand of the user.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2014
(21) Application No.318/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PEER DEVICE SUPPORTED LOCATION BASED SERVICE PROVIDER CHECK IN

(51) International classification	:H04W4/02,H04W4/00,H04L29/08
(31) Priority Document No	:13/214142
(32) Priority Date	:19/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/050802
Filing Date	:14/08/2012
(87) International Publication No	:WO 2013/028410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)KHORASHADI, BEHFOOZ
2)DAS Saumitra Mohan
3)GUPTA Rajarshi

(57) Abstract :
Methods apparatuses and articles of manufacture are provided for use in checking in a mobile device with a location based service provider at a venue location. A candidate device check in profile for a candidate device and one or more check in validation schemes may for example be provided directly or indirectly to a computing device via the candidate device and/or one or more peer devices. The candidate device may for example be checked in with the location based service provider in response to a determination that the candidate device check in profile is valid.

No. of Pages : 62 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(21) Application No.377/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :28/02/2014
(43) Publication Date : 19/06/2015

(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 :61/528000
(32) Priority Date :26/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052298
Filing Date :24/08/2012
(87) International Publication No :WO 2013/043310
(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)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 Heat shock 70 kDa protein 1 Alpha 1 antitrypsin Neutrophil elastase complex Stromelysin 1 :Metalloproteinase inhibitor 2 complex 72 kDa type IV collagenase: Metalloproteinase inhibitor 2 complex Insulin like growth factor 1 receptor Myeloid differentiation primary response protein MyD88 Neuronal cell adhesion molecule and Tumor necrosis factor ligand superfamily member 10 as diagnostic and prognostic biomarkers in renal injuries.

No. of Pages : 149 No. of Claims : 127

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2014
(21) Application No.419/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : QUICK COUPLING SYSTEM FOR FASTENING AN INTERCHANGEABLE HEAD TO A PRESSING TOOL

(51) International classification :B30B15/02
(31) Priority Document No :01006/11
(32) Priority Date :16/06/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2012/058767
Filing Date :11/05/2012
(87) International Publication No :WO 2012/171732
(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)SCHWEIZER Beat
2)MORITZ Martin

(57) Abstract :
Provided in a quick coupling system for fastening an interchangeable head (1) to a pressing tool (4) is a securing means arrangement. The pressing tool (4) has a press ram (10) which is movable in an axial direction for actuating a pressing device in the interchangeable head (1). The quick coupling system has no thread and has either a bayonet closure or a securing means arrangement having radially displaceable securing means S1 S2.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2013
(21) Application No.2638/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SYSTEM FOR INTERACTIVE CONTROL AND A METHOD THEREOF

(51) International classification	:H04N5/44, G06F3/033, G06F15/00
(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)ATUL PHADNIS

(57) Abstract :
The system and the method thereof provided by way of the present invention relates to a smart remote for TVs for viewership of the user in accordance to the operator devices compatible format and to benefit across multiple platforms. The system and method thereof provide convenience by easy and smart navigation & control of TV

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014
(21) Application No.301/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ADJUSTABLE JET VALVE

(51) International classification :F16K11/02,F16K51/00
(31) Priority Document No :201310153987.6
(32) Priority Date :27/04/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/084286
Filing Date :26/09/2013
(87) International Publication No :WO 2014/173074
(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)YUAN Xunping
2)TANG Zhiqiang

(57) Abstract :
Disclosed is an adjustable jet valve comprising: a valve body (12) which is provided with a cold water opening (12b) a hot water opening (12a) and a mixed water opening used for outputting mixed water; a spray nozzle (9) which is arranged in the valve body and provided with a cold water inlet (91) of the spray nozzle and a cold water outlet (92) of the spray nozzle which can be connected to a cold water channel of a valve by means of the cold water opening (12b); a spray needle which can be assembled inside the spray nozzle (9) and forms a cold water inflow space (15) with an inner chamber of the spray nozzle (9) and forms a cold water spray outlet (16) with the cold water outlet (92) of the spray nozzle; and a throat pipe (11) which is connected to the mixed water opening of the valve body (12) and used for guiding the mixed water to flow into a device using mixed water wherein the position of the spray needle in the axial direction of the adjustable jet valve is fixed and the position of the spray nozzle (9) in the axial direction of the adjustable jet valve is adjustable. By means of axially adjusting the spray nozzle (9) an adjustment to the cold water inflow space the hot water opening (12a) and the cold water spray outlet (16) can be realized simultaneously. The adjustable jet valve has an excellent jet effect is convenient to use and creates less errors.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014
(21) Application No.383/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BLACK MIXTURES OF FIBRE REACTIVE AZO REACTIVE DYESTUFFS

(51) International classification	:C09B62/44,C09B62/513,C09B67/00
(31) Priority Document No	:386/MUM/2011
(32) Priority Date	:10/08/2011
(33) Name of priority country	:India
(86) International Application No	:PCT/IB2012/054036
Filing Date	:08/08/2012
(87) International Publication No	:WO 2013/021352
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COLOURTEX INDUSTRIES LIMITED
Address of Applicant :Survey No 91 Paikee Bhestan Navasari Surat Road Surat 395 023 Gujrat India
(72)**Name of Inventor :**
1)SCHUMACHER Christian
2)DESAI Pankaj
3)VASHI Ashit

(57) Abstract :
The present invention relates to black reactive dyestuff mixtures containing navy blue dyestuffs of the formula (1) yellow or orange dyestuffs of the formula (3) optionally further dyestuffs of the formula (2) optionally further yellow/orange dyestuffs of the formula (4 1) to (4 6) and optionally further dyestuffs of formula (5). The black mixtures are suitable for coloration of fibre material in particular for dyeing and printing of cellulose polyamide or protein fibre materials or blends thereof and produce dyeing and prints having good all round fastness properties especially wash and contact fastness and excellent build up for deep black shades.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.422/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :10/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : RESOLVING HOMOGRAPHY DECOMPOSITION AMBIGUITY BASED ON ORIENTATION SENSORS

(51) International classification :G06T7/20
(31) Priority Document No :61/533733
(32) Priority Date :12/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050963
Filing Date :15/08/2012
(87) International Publication No :WO 2013/039641
(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 :ATTN: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A..
(72)**Name of Inventor :**
1)JIANG Bolan
2)AHUJA Dheeraj
3)BRUNNER Christopher

(57) Abstract :
A homography between two captured images of a planar object is decomposed into at least one possible solution and typically at least two ambiguous solutions. The ambiguity between the two solutions is removed or a single solution validated using measurements from orientation sensors. The measurements from orientation sensors may be used by comparing at least one of the yaw pitch and/or roll angles derived from a relative rotation matrix for the one or more solutions to a corresponding at least one of the yaw pitch and/or roll angles derived from the measurements from the orientation sensors.

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013
(21) Application No.2666/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SELECTION OF CAPILLARY TUBES IN REFRIGERATION APPLIANCES

(51) International classification	:F25B41/06, F25B41/00
(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)G.H.R labs and research centre
(72)**Name of Inventor :**
1)Samir S Gite
2)Dr. P V Walke

(57) Abstract :
The concentrating solar panel is placed in solar radiation. When solar radiation onto the Fresnel lens concentrates that solar radiation onto a small photovoltaic cell due to concentration of solar radiation on to a small area due to high solar concentration electron get excited and complete a circuit due to which electricity developed. But photons with wavelength above threshold are converted into heat which increased solar temperature with increasing solar temperature cell efficiency going to reduced hence nozzle spray cooling water form back site of panel which absorbed heat which is not converted into electricity it increases water temperature. The sun travels from east to west so it angle with pv panel change from time to time so to maintain solar radiation perpendicular to a panel tracking system change orientation of panel towards the sun. You have, record voltage and current of both panel with concentrating, cooling and tracking arrangement and without from some interval of time. Following invention is described in detail with the help of figure 1 showing experimental setup of one of the preferred embodiment of the present invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013
(21) Application No.2667/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DESIGN AND DEVELOPMENT OF AN ANTI-COLLISION DEVICE FOR TWO WHEELERS

(51) International classification	:B60R21/13
(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)Shashank Paunikar
3)Ashish Agrawal
4)Abhinav Mukherjee
5)Dharmaraj Tidke

(57) Abstract :
This invention pertains to designing and developing a compact and cost effective device which can be easily mounted on any two wheelers so that when an obstacle is seen in front of the vehicle, it alerts the driver by red LED, sound an alarm, and ultimately brakes the vehicle automatically. This device is expected to reduce the number of accidents on highways, particularly in night due to head on and rear end collisions. The work is divided in three areas as under: 1. Visual warning: A passive IR sensor has been used to detect the presence of an obstruction on highway for 150 metres distance or less. 2. Audio warning: An ultrasonic sensor has been used to detect the presence of an obstruction on highway for 100 metres distance or less. 3. Auto braking: An infrared sensor has been used to generate signal that automatic applies the brakes at dangerous distance of 50 metres or less. The invention is described by way of example with reference to Figure 1 of Sheet 1 showing actuator mechanism for hydraulic brake system, figure 2 of Sheet 2 showing working of anti-collision device, figure 3a of Sheet 3 showing Solenoid valve pushing the brake lever for disc brake, figure 3b of Sheet 3 showing Solenoid valve pulling the brake wire for drum brake.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.429/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :11/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : COOLING FAN CONTROL APPARATUS AND COOLING FAN CONTROL METHOD FOR RADIATOR

(51) International classification :F01P7/08
(31) Priority Document No :2011-198565
(32) Priority Date :12/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2012/001757
Filing Date :11/09/2012
(87) International Publication No :WO 2013/038251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
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(72)**Name of Inventor :**
1)SAITO Kenichi

(57) Abstract :
The present disclosure relates to an electronic control unit is used in an internal combustion engine capable of using a fuel in which ethanol is mixed with gasoline and is particular to a cooling fan control apparatus that controls the drive of an electric cooling fan provided in a radiator of the internal combustion engine. This controller performs the drive of the cooling fan after the internal combustion engine is stopped when an alcohol concentration of the fuel is higher than a predetermined concentration and that restricts the drive of the cooling fan after the internal combustion engine is stopped when the alcohol concentration of the fuel is equal to or lower than the predetermined concentration.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2648/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :13/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A CONTROL SYSTEM FOR AUTOMOTIVE COOLING/RADIATOR FAN FOR TWO WHEELED VEHICLE

(51) International classification	:G05D1/08, B60T7/12, B62D37/06, B60W30	(71)**Name of Applicant :** **1)BAJAJ AUTO LIMITED** Address of Applicant :AKURDI, PUNE - 411035, STATE OF MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)PRABAKARAN LAKSHMANAN**
(33) Name of priority country	:NA	**2)R. T. SANGEETHA**
(86) International Application No	:NA	**3)HOLE RAJENDRA BHIKOBA**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
This invention relates to a method for control system of a radiator fan of a two wheeled vehicle where the control system provides the diagnostic fault identification of the radiator fan and indicating the rider about malfunctioning of the radiator system further, the system controls the airflow and senses the coolant temperature for the engine to warm up and also controls the fan rotation in bidirectional manner in order to comfort the rider and protect the engine

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2649/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :13/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : REFRIGERATOR CUM WATER GENERATOR USING CHILLED WATER FOR CONDENSATION.

(51) International classification	:F01K7/22, F01K21/04, F22B1/00, F02C1/	(71)**Name of Applicant :** **1)ANIT ASTHANA** Address of Applicant :501, SOLARIS - II, OPP. L&T GATE NO. 6, SAKI VIHAR ROAD, ANDHERI (E), MUMBAI - 400072. Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)ANIT ASTHANA**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The apparatus comprises of a refrigerator fitted with a compressor, a heat sink, fan and capillary tubes as shown in Fig. 1. The heat sink is more powerful than the one used in our ordinary refrigerators. The freezer is fitted with a chilled water tank with a submersible water pump. This water pump is connected to plate type condensers arranged in a petal formation over the refrigerator and encased in a perforated plastic casing. There is a water storage tank for the condensed water which is connected through a sediment filter to a water dispensing unit.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014
(21) Application No.303/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : JET VALVE CORE

(51) International classification :F16K3/24,F16K11/02,B05B1/32
(31) Priority Document No :201310153953.7
(32) Priority Date :27/04/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/084283
Filing Date :26/09/2013
(87) International Publication No :WO 2014/173072
(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)YUAN Xunping
2)TANG Zhiqiang

(57) Abstract :
Disclosed is a jet valve core comprising: a valve core shell (12) on which is provided with a cold water opening (12b) and a hot water opening (12a); a spray nozzle (9) arranged in the valve core shell and having a cold water inlet (91) of the spray nozzle and a cold water outlet (92) of the spray nozzle with the cold water inlet and the cold water outlet being in communication with a cold water channel of a valve by means of the cold water opening; and a spray needle which can be assembled inside the spray nozzle can form a cold water inflow space (15) with an inner chamber of the spray nozzle and form a cold water spray outlet (16) with the cold water outlet of the spray nozzle wherein the position of the spray needle in the axial direction of the jet valve core is fixed and the position of the spray nozzle in the axial direction of the jet valve core is adjustable. By means of axially adjusting the spray nozzle an adjustment to the cold water inflow space the hot water opening and the cold water spray outlet can be realized simultaneously thereby realizing a simultaneous adjustment to the cold water and the hot water simply by adjusting the movement of the spray nozzle in the axial direction of the jet valve core.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014
(21) Application No.432/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FUSE ASSEMBLY

(51) International classification :H01H85/46
(31) Priority Document No :13/230278
(32) Priority Date :12/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054578
Filing Date :11/09/2012
(87) International Publication No :WO 2013/039864
(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)URREA Julio
2)BOLD Gary M.

(57) Abstract :
A circuit protection assembly includes a mounting block a unitary fuse assembly a post assembly and a plug connector. The unitary fuse assembly is disposed the mounting block and includes a plurality of fuses each of which is defined by a portion of a bus plate disposed on the lower surface of the mounting block to form a first terminal of the fuse a second terminal disposed at least partially on the upper surface of the mounting block and a fuse element connecting the first terminal and the second terminal. The post assembly is disposed at least partially within the mounting block and a post extending from the block. The plug connector extends from a portion of the first terminal of at least one of the plurality of fuses.

No. of Pages : 36 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2254/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :03/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : NETWORK RESOURCE OPTIMIZATION IN COMMUNICATION NETWORKS

(51) International classification	:H04B1/69, H04L25/49
(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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1)RATH, Hemant Kumar
2)VARA PRASAD, K N R Surya
3)REVOORI, Vishvesh (Vishvesh)
4)SIMHA, Anantha

(57) Abstract :
System(s) and method(s) for network resource optimization in a service area of a communication network are described. The method includes dividing a service area into a plurality of sub-areas, where each of the plurality of sub-areas is serviced by at least one network resource from a pre-determined number of network resources. The method further includes determining a locally optimal deployment solution comprising at least one local allocation attribute for the at least one network resource in each of the plurality of sub-areas, to meet a plurality of objectives for network resource optimization. The method further includes obtaining a globally optimal deployment solution comprising at least one global allocation attribute for allocation of the pre-determined number of network resources in the service area, based on the locally optimal deployment solution to meet the plurality of objectives.

No. of Pages : 53 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2370/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : INDOLE-3-CARBINOL DERIVATIVES

(51) International classification	:A61K31/56, A61K31/138
(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)SINGH CHANDAN HARDHAN
3)SAGAR NIRAVKUMAR SURESHBHAI
4)TIVARI SUNILKUMAR RAMSURATBHAI
5)GADHIYA BIPIN DHANAJIBHAI

(57) Abstract :
The present invention relates to novel stable indole-3-carbinol derivatives of Formula-I and its pharmaceutical composition and biological activity. The present invention includes compositions and methods for the treatment and prevention of conditions associated with Inflammation.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2371/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :16/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM FOR FAULT DETECTION AND MITIGATION IN JET ASSEMBLY OF AN IN-FLIGHT AIRCRAFT

(51) International classification :G06F11/30
(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)GYAN PRAKASH KESARWANI

(57) Abstract :
The present invention discloses a system for fault detection and mitigation in a jet assembly of an in-flight aircraft. The system comprises a pressure sensor in compressor zone, a temperature sensor in a combustion zone, a pressure sensor in an outlet zone, an actuator in the combustion zone, an actuator cum controller (ACC) connected to each compressor blade and turbine blade, a calibration unit, a memory unit and a command unit. The pressure sensor in the compressor zone, the temperature sensor in the combustion zone and the pressure sensor in the outlet zone are connected to the memory unit that is further connected to the calibration unit. The connection between the memory unit and the calibration unit is bi-directional in nature. The actuator in the combustion zone as well as the ACCs is connected to the command unit. The memory unit stores a plurality of data obtained through sensors.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013
(21) Application No.945/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTERNAL GEAR HUB

(51) International classification :F16H3/44
(31) Priority Document No :13/425,839
(32) Priority Date :21/03/2012
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAMWAYS, ANDREW

(57) Abstract :
The invention relates to an internal gear hub for a bicycle includes a rotating cam which locates against a retractable cam follower within a multiple speed internal gear hub. The position of the cam determines which speed is selected. The cam is actuated by reversing the direction of the drive input (pedaling backwards) by a fixed or predetermined amount of rotation. The cam follower is retracted when the drive input is reversed and when the rotation is greater than that required to rotate the cam into the next position. When the cam follower retracts, the cam will return to a default position and will select a default speed.

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2670/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTANGIBLE HUMAN INTERFACE

(51) International classification	:G06Q10/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)G H Raisoni College Of Engineering**
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(33) Name of priority country	:NA	**2)G.H.R labs and research centre**
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)Nikhil P. Wandhare**
(87) International Publication No	: NA	**2)Suchintra K. Singh**
(61) Patent of Addition to Application Number	:NA	**3)Mr. Pravin S. Ghatode**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Input of information is becoming a challenging task as portable electronic devices become smaller and smaller. Alternatives to the mouse are necessary on handheld computers; for instance, on personal digital assistants (PDAs), input of text data is often done through a touch sensitive screen and a stylus using a prescribed input method The next logical step would be to remove the need for any (dedicated or merged) input space, as well as the need for any additional input device (stylus, data-gloves, etc).The presently working computer system uses mouse to perform the necessary functions of pointer. This project is designed for replacing the mouse with dedicated hardware such that the functions which mouse can perform, now can be performed intangibly. This would allow inputting data by just executing bare-handed gestures in front of a portable device.The objective of this approach is to make the use of computer more interactive and user friendly. The invention is described by way of example with reference to Figure 1 of Sheet 1 showing the arrangement of hardware components on the process control board, Figure 2 of Sheet 2 showing the structure of process control board, Figure 3 of Sheet 3 showing the pin arrangement of atmega8 controller.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014
(21) Application No.357/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CELL PENETRATING PEPTIDES HAVING A CENTRAL HYDROPHOBIC DOMAIN

(51) International classification :C07K14/00,C07K7/02,C12N15/00
(31) Priority Document No :61/528804
(32) Priority Date :30/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2012/052116
Filing Date :29/08/2012
(87) International Publication No :WO 2013/030569
(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)ARZUMANOV Andrey Alexandrovich
3)SALEH Amer F.
4)WOOD Matthew J. A.
5)BETTS Corinne
6)KOO Taeyoung

(57) Abstract :
The present invention discloses cell penetrating peptides (CPP or membrane translocating peptide) and their conjugates with cargo molecules. The peptides are useful as drug delivery systems particularly as delivery vehicles for nucleotide based theraputics such as polynucleotides oligonucleotides and peptide nucleic acids. A CPPs of the invention provides a balance between good cell entry efficency and low toxicity and comprises three contiguous domains: the central one being hydrophobic and the flanking ones consisting of arginine and aminohexanoic acid or beta alanine residues. The hydrophobic domain contains a sequence selected from YQFLI YRFLI IQFLI and IRFLI.

No. of Pages : 153 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014
(21) Application No.425/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : COATING DEVICE FOR COATING AN ELONGATED SUBSTRATE

(51) International classification :D05C11/24,B05B5/025,B05B5/08
(31) Priority Document No :11508322
(32) Priority Date :14/09/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050958
Filing Date :12/09/2012
(87) International Publication No :WO 2013/039447
(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)STABERG Joakim
2)EKLIND Martin

(57) Abstract :
A device and system for dynamically applying liquid to a single thread for a thread consuming device as said thread moves relative to the device along a path of movement. The device is configured to apply liquid to said thread by means of an electrospraying unit. A method for applying liquid to a single thread for a thread consuming device as said thread moves relative to the device along a path of movement is also provided.

No. of Pages : 31 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014
(21) Application No.426/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MOLECULAR DETECTION ASSAY

(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/AU2011/001156
Filing Date :07/09/2011
(87) International Publication No :WO 2013/033749
(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)MILLAR Douglas Spencer

(57) Abstract :
The present invention relates to a molecular detection assay comprising treating a biological sample directly with a bisulphite agent under conditions that allow cell disruption and nucleic acid treatment; removing the bisulphite agent from the treated sample; and detecting a target nucleic acid in the treated sample.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.382/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :28/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FIBRE REACTIVE BISAZO REACTIVE COLORANTS MIXTURES OF REACTIVE COLORANTS PRODUCTION AND USE THEREOF

(51) International classification	:C09B62/44,C09B62/513,C09B67/00
(31) Priority Document No	:328/MUM/2011
(32) Priority Date	:04/08/2011
(33) Name of priority country	:India
(86) International Application No	:PCT/IB2012/053966
Filing Date	:02/08/2012
(87) International Publication No	:WO 2013/018057
(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)DESAI Pankaj
2)SCHUMACHER Christian
3)VASHI Ashit
4)DESAI Nikhil
5)PATEL Jay

(57) Abstract :
Bisazo dyes based on derivatives of N substituted 2 amino 5 naphthol 7 sulfonic acid of formula (1) wherein R is a radical of the formula W Q wherein W is C C Alkylene which can be substituted by hydroxyl group D and D are independently of each other a benzene or naphthyl radical which are 10 substituted by fibre reactive groups containing at least one fibre reactive group in both D and D wherein the fibre reactive groups are independent from each other of the vinylsulfone type of a heterocyclic type in particular of the halogenpyrimidinyl or halogentriazinyl reactive group or of the acrylamide type which is substituted by halogen which can be applied as single dye or as mixture or in combination with other compatible 1 dyestuffs for dyeing a wide variety of fibre materials selected from cellulose polyamide or protein fibres and yield dyeings having good allround properties such as excellent washing fatness low contact staining.

No. of Pages : 90 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014
(21) Application No.438/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS AND METHODS FOR INCENTIVIZED SUPERDISTRIBUTION OF CONTENT

(51) International classification :G06Q30/00
(31) Priority Document No :11/361,224
(32) Priority Date :23/02/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/062629
Filing Date :22/02/2007
(87) International Publication No :WO/2007/101078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1834/MUMNP/2008
Filed on :25/08/2008

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MCLEAN, Ivan Hugh

(57) Abstract :
Apparatus and methods for providing an incentive-based system for the superdistribution of content, which include one or more communications devices transmitting one or more referral messages relating to the content. Further, the apparatus and methods include the communications devices ordering content from across the network based on the referral messages, where a reward is generated for one or more referring devices based on the one or more referral messages. Additionally, the application of privacy and authentication mechanisms protects the privacy and verifies the identities of the parties involved in the transaction.

No. of Pages : 36 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.310/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PHOTOPROTECTIVE PERSONAL CARE COMPOSITION

(51) International classification :A61K8/27,A61K8/29,A61K8/39
(31) Priority Document No :2491/MUM/2011
(32) Priority Date :07/09/2011
(33) Name of priority country :India
(86) International Application No :PCT/EP2012/066224
Filing Date :21/08/2012
(87) International Publication No:WO 2013/034427
(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)KUMAR Praveen
3)PALANISAMY Bharath

(57) Abstract :
A photoprotective personal care composition The invention relates to a photoprotective personal care composition. The invention more particularly relates to a sunscreen composition that not only provides high sun protection but does that with minimal or no amount of traditionally used organic sunscreens. It is thus objects of the present invention to obviate the drawbacks of the prior art and provide high SPF photo protective sunscreen compositions. Another object of the present invention is to achieve the above object using negligible amounts or no amount of organic sunscreen agents which are sometimes unstable with the added advantage that inclusion of low or no organic sunscreens enables low formulation cost.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2014
(21) Application No.93/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METALLOENZYME INHIBITOR COMPOUNDS

(51) International classification :C07D401/06,C07D401/14,C07D417/14
(31) Priority Document No :61/498571
(32) Priority Date :19/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043094
Filing Date :19/06/2012
(87) International Publication No :WO 2012/177603
(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)SCHOTZINGER Robert J.
5)LOSO Michael
6)SULLENBERGER Michael

(57) Abstract :
The instant invention describes compounds having metalloenzyme modulating activity and methods of treating diseases disorders or symptoms thereof mediated by such metalloenzymes.

No. of Pages : 169 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014
(21) Application No.427/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SEQUENCED ILLUMINATION

(51) International classification :G07D 7/12
(31) Priority Document No :12/277936
(32) Priority Date :25/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063146
Filing Date :03/11/2009
(87) International Publication No :WO 2010/065229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :
Filed on :01/01/1900

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BLAIR Ronald Bruce

(57) Abstract :
The present invention provides a method and system for imaging documents such as bank notes The method comprises passing a document past an image sensor such as a line scan camera while sequentially illuminating the document using multi mode illumination. Two or more light sources are used each one producing a different mode of illumination. A lookup table divides documents into discrete successive sections (i e. scan lines) and specifies a mode of illumination
(e.g. color azimuth reflective transmissive) for each section of a document during imaging. As the document passes the image sensor the light sources are activated according to the sequence specified in the lookup table producing an interleaved multi mode image of the document.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2238/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :02/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A STABLE PHARMACEUTICAL COMPOSITION OF CRYSTALLINE FORM II OF IVABRADINE HYDROCHLORIDE

(51) International classification	:C07D223/16, A61K31/55
(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)MANDAL JAYANTA KUMAR GENEPHARM S.A

(57) Abstract :
A stable, solid pharmaceutical composition of ivabradine for oral administration and its process of preparation wherein ivabradine polymorphic form does not undergo transformation to another polymorphic form during manufacture and storage.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013
(21) Application No.2351/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SPREADER BAR APPARATUS WITH SAFE LOADING DEVICE

(51) International classification	:B66C19/00, B66C13/08, B66C13/04
(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)MR. TUSHAR RAMESH KALE

(57) Abstract :
A spreader bar apparatus with safe loading device which shows loading angle of the sling with respect to vertical axis. The loading angle can be changed by selective use of multiple safe adding devices providable on the spreader bar, so as to ensure use of sling within prescribed limit, thereby ensuring safe lifting.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2679/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : LIQUEFACTION OF STARCH BASED FEEDSTOCKS

(51) International classification	:B01F5/04, C13K1/06, C12P19/14, C12M1/	(71)**Name of Applicant :** **1)PRAJ INDUSTRIES LIMITED** Address of Applicant :PRAJ HOUSE, BAVDHAN, PUNE - 411021, Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)GHANSHAM BABURAO DESHPANDE**
(33) Name of priority country	:NA	**2)MAHESH AVINASH KULKARNI**
(86) International Application No	:NA	**3)KAILASH NARAYAN DHUMAL**
Filing Date	:NA	**4)ABHIJEET DATTATRAY SURYAWANSHI**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The invention relates to a process of single stage liquefaction of starch present in a feedstock and specifically to liquefaction of starch without using a jet cooker. Further said process requires significantly less water compared with a process using the jet cooker.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2014
(21) Application No.360/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTIPLE SEPARATION FILTER AND ANTIOXIDIZING WATER PRODUCED USING SAME

(51) International classification	:B01D39/02,B01D69/12,B01D39/14
(31) Priority Document No	:10-2011-0077804
(32) Priority Date	:04/08/2011
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2012/004358
Filing Date	:01/06/2012
(87) International Publication No	:WO 2013/018989
(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)BACK Kwang Sung

(57) Abstract :
The present invention relates to a multiple separation filter having a structure obtained by the lamination of a microfiltration membrane an activated carbon substrate filter and a ceramic filter; wherein the activated carbon substrate filter is produced by mixing activated carbon with one or more substances selected from zeolite gold silver and mixtures thereof heating to between 60 000 and 70 000 and rapidly cooling the resulting plasma gas to between 200 and 273 under vacuum conditions and the ceramic filter is produced by heating magnesium to between 60 000 and 70 000 and rapidly cooling the resulting plasma gas to between 200 and 273 under vacuum conditions. Also the present invention relates to antioxidizing water produced by using the multiple separation filter and the antioxidizing water according to the present invention has a negative redox potential value.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1075/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :25/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A UNIQUE CONCEPT OF ROAD TYRE PRINTING

(51) International classification	:B60C 19/00,B60C 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)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
(72)**Name of Inventor :**
1)Dr. Vasani Rupesh Parmanand
2)Shah Parin Kamalkumar
3)Jain Anjil Anvin
4)Bhavsar Swapnil Chandrakant
5)Patel Bhupendra Laljibhai

(57) Abstract :
The present invention a specially design tyre is develop which can be use for printing purpose on the paper and required surface, the required impression are made on the tyre and the ink is filled in the tyre so a new way of printing is develop.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1299/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :03/05/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE FOR REDIRECTING HEAT ENERGY AND COOKWARE AUGMENTED WITH THE SAME

(51) International classification	:A47J37/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RIAZ PADAMSEE

(57) Abstract :
Disclosed herein are principles of construction and deployment of a heat trap which, when materially associated with base of cookware, helps to achieve optimized retentive absorption of heat from a flame-based heat source. Also disclosed is an Appachetty augmented with said heat trap.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2013
(21) Application No.2423/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SWITCHED RELUCTANCE DRIVE FOR CEILING FAN

(51) International classification	:B02C18/00, H02K29/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
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(72)**Name of Inventor :**
1)NIKAM SAURABH PRAKASH
2)FERNANDES BAYLON GODFREY

(57) Abstract :
Switched reluctance drive for ceiling fan. The switched reluctance drive comprises a multiphase external rotor switched reluctance motor (I) consisting of a stator (2) disposed within a rotor (3) defining an air gap with the rotor and mounted on a stationary shaft. Each phase of the motor consists of a pair of stator poles (5a, 5b, 6a, 6b) and each stator pole consists of at least two teeth (9, 10, 11, 12). The rotor consists of a plurality of rotor poles (13 - 30). The total number of rotor poles is in excess of the total number of stator teeth by a factor of atleast 2. The switched reluctance drive also comprises a drive circuit (31) for driving the motor at the desired current level to generate the desired torque and rpm for the fan to be driven by the motor. The drive has high efficiency at low power consumption besides many other advantages.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2013
(21) Application No.2699/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF RIVAROXABAN

(51) International classification :C07D413/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)AGARWAL VIRENDRA KUMAR
2)UPADHYAY ASHISH RAMESHCHANDRA
3)THUMAR NILESH MANSUKHLAL
4)VALA HARDEVSINH KANAKSINH

(57) Abstract :
Described is an improved, industrially feasible and environmental friendly process for the preparation of Rivaroxaban. The process also has the advantage of avoiding formation of isomeric and process related impurities. Also described are novel compounds which are used as intermediates in preparation of Rivaroxaban.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014
(21) Application No.309/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A WATER PURIFICATION SYSTEM

(51) International classification :C02F1/00,C02F1/44,B01D61/08
(31) Priority Document No :2492/MUM/2011
(32) Priority Date :07/09/2011
(33) Name of priority country :India
(86) International Application No :PCT/EP2012/065791
Filing Date :13/08/2012
(87) International Publication No:WO 2013/034396
(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)DAVE Parthiv Ripudaman
2)NALAWADE Shrikant Popat
3)SAKSENA Skand

(57) Abstract :
The invention relates to a device and method for purification of water using Reverse Osmosis (RO) membrane. There is a need to maintain uniform TDS level in the output water that has been purified using a reverse osmosis process where there is significant variation in the TDS levels of the input water. This is important considering the fact that there may be significant variation in the TDS levels from various sources of water. It is thus an object of the present invention to design a filter cartridge to ensure that the TDS level in the water purified by a reverse osmosis membrane is maintained within a range of 25 to 200 ppm (parts per million) irrespective of the TDS levels in the input water. It is another object of the present invention to provide a filter cartridge that provides sustained release of TDS over a typical lifetime of an RO membrane which is generally about 8 000 to 10 000 litres. We have determined that a certain combination of calcium carbonate and magnesium carbonate provides controlled increase in TDS irrespective of the TDS levels in the input water thereby making the water palatable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014
(21) Application No.433/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NANOPARTICLE PEPTIDE COMPOSITIONS

(51) International classification :A61K47/48,A61P35/00,A61P31/00
(31) Priority Document No :61/531745
(32) Priority Date :07/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/067561
Filing Date :07/09/2012
(87) International Publication No :WO 2013/034726
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MIDATECH LIMITED
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(72)**Name of Inventor :**
1)RADEMACHER Thomas
2)WILLIAMS Phillip

(57) Abstract :
The present invention provides nanoparticles and compositions comprising such nanoparticles as well as methods for intracellular delivery of peptides and methods of producing nanoparticles and related products. The nanoparticles comprise a core comprising a metal and/or a semiconductor atom; and a corona comprising a plurality of ligands covalently linked to the core wherein at least a first ligand of said plurality comprises a carbohydrate moiety that is covalently linked to the core via a first linker and wherein at least a second ligand of said plurality comprises a peptide of choice that is covalently linked to the core via a second linker. The second linker comprises a peptide portion and a non peptide portion wherein said peptide portion of said second linker comprises the sequence XXZ wherein: X is an amino acid selected from A and G; X is an amino acid selected from A and G; and Z is an amino acid selected from Y and F.

No. of Pages : 74 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2431/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :22/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A FIBER SUITABLE FOR PACKAGING AND STORING PLANT PRODUCE

(51) International classification	:D06M 11/00, D06M 13/00
(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)RELIANCE INDUSTRIES LIMITED
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(72)**Name of Inventor :**
1)KALPESHKUMAR BHIKHUBHAI SIDHPURIA
2)PRAKASH KUMAR
3)GURUDATT KRISHNAMURTHY
4)SHASHANK JAGDISH DEHADE
5)SUDIP KUMAR SARKAR
6)RAKSH VIR JASRA

(57) Abstract :
The present disclosure relates to a fiber suitable for packaging. The fiber of the present disclosure comprises a photocatalyst bonded to it by means of a first functional group generated by a surface modifying agent and optionally, a second functional group generated by a silicon containing linker. The chemical bonding between the fiber and the photocatalyst imparts durability and wash ability to the fiber. A packaging material prepared using the fiber of the present disclosure can effectively be used for the storage of plant produce.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2442/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :22/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : FORMULATION COMPRISING A HYPOLIPIDEMIC AGENT

(51) International classification	:C07C69/95, A61K, C07C69/92	(71)**Name of Applicant :** **1)CADILA HEALTHCARE LIMITED** Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)PATEL, JITENDRA, D.**
(33) Name of priority country	:NA	**2)DAVADRA, PRAKASH**
(86) International Application No	:NA	**3)PATEL, SNEHAL**
Filing Date	:NA	**4)SHAFIQ, SHEIKH**
(87) 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 :
Formulation comprising a hypolipidemic agent The present invention provides a stable pharmaceutical composition of a suitable hypolipidemic agent. Preferably, the present invention discloses novel formulations of the compound of formula (I), or pharmaceutically acceptable salts of compounds of formula (I). More particularly the present invention relates to stable pharmaceutical composition of compounds of formula (I) comprising compounds of formula (I) or its pharmaceutically acceptable salts. formula (I)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2013
(21) Application No.2561/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A PROCESS FOR INFUSING HEALTHY MINERALS INTO FABRIC

(51) International classification :D03D15/00,D03D13/00
(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)Adolph William Carlson

(57) Abstract :
The present invention discloses the process of making specialty fabrics and clothes infused with healthy minerals such as shirts, pants, socks, underwear, sweaters, coats, gloves, mittens, shoes, hats and other head wear. These healthy minerals provide the user with increased immune system, enhanced metabolism, alleviation of stress and depression and faster recovery from fatigue. The present invention describes the process for infusing healthy minerals into the fabric.

No. of Pages : 10 No. of Claims : 7

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

(21) Application No.108/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : OMNIDIRECTIONAL EXERCISE PLATFORM

(51) International classification	:A63B22/20,A63B23/02,A63B23/035
(31) Priority Document No	:13/186127
(32) Priority Date	:19/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/047022
Filing Date	:17/07/2012
(87) International Publication No	:WO 2013/012843
(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)NICHOLAS Paul James

(57) Abstract :
An omnidirectional exercise platform is disclosed which includes a base member a pad member and a plurality of ball transfer units. The pad member is coupled to a top surface of the base member. The plurality of ball transfer units is coupled to a bottom surface of the base member. An angular offset is provided between the plurality of ball transfer units to stabilize the omnidirectional exercise platform during use. The ball transfer units each comprise a hemispherical housing a primary ball member and a plurality of secondary ball members disposed between an inner surface of the hemispherical housing and the primary ball member. The housing further includes an aperture located and sized to facilitate cleaning and maintenance procedures of the ball transfer unit. A handle is releasably coupled to the top surface of the base member to thereby provide a user with a variety of hand placement positions.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2330/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :11/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESSING AGENTS FOR SYNTHETIC FIBERS, AQUEOUS LIQUIDS THEREOF, PROCESSING METHODS FOR SYNTHETIC FIBERS AND SYNTHETIC FIBERS

(51) International classification	:D06M13/00, D01F11/00
(31) Priority Document No	:2012-215330
(32) Priority Date	:28/09/2012
(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)Takayuki Sato
2)Yuichiro Murakami
3)Fumiyoshi Ishikawa
4)Koji Fujimoto

(57) Abstract :
A processing agent containing five specified kinds of components including esters and ethers as required components is used in the production or fabrication process of synthetic fibers such that superior spinning property is maintained and synthetic fibers with superior yarn quality and dyeing property can be obtained. Aqueous liquids of such processing agents, processing methods using such liquids and synthetic fibers obtained by such methods are also presented.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2331/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :11/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL OCULAR INSITU GELLING SYSTEM

(51) International classification	:A61K9/00, 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)DR. KRISHNAIYER. SANKARANARAYANAN DHANALAKSHMI
2)DR. YEOLE GOVINDRAO PRAMOD

(57) Abstract :
The invention relates to a novel ocular insitu gelling system by using an ion activated polymer for sol-gel transition in the cul-de-sac of the eye. The sol-gel transition occurs due to the presence of ions in the tear fluid upon instillation of the novel ocular in-situ gel. This helps in improving precorneal residence time of the formulation in the eye and thus helps in effective treatment of eye disorders including dry eyes. The formulation will also contain biodegradable polymer, polysaccharide, excipients for appropriate mucoadhesion of the gel in the eye and thereby render safe, efficacious therapy for a particular eye condition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.453/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PREPAY ACCOUNTS FOR APPLICATIONS, SERVICES AND CONTENT FOR COMMUNICATION DEVICES

(51) International classification :H04M 15/12
(31) Priority Document No :11/357,284
(32) Priority Date :17/12/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/062249
Filing Date :15/02/2007
(87) International Publication No :WO/2007/095623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1636/MUMNP/2008
Filed on :30/07/2008

(71)**Name of Applicant :**
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1)SPRIGG, Stephen A.
2)MINEAR, Brian
3)OLIVER, Mitchell B.
4)GARDNER III, Richard

(57) Abstract :
A system and method for managing a billing account including a client device, a transceiver, logic configured to establish at least one primary account wherein the at least one primary account represents periodic fees that are charged to the billing account on a periodic basis; and logic configured to establish at least one secondary account wherein the at least one secondary account represents an amount of prepaid service that is available for the billing account.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2643/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DETOXIFICATION OF ANTINUTRITIONAL FACTOR IN GUAR GERM MEAL SUCH AS HAEMAGGLUTININ BY VARIOUS TREATMENTS

(51) International classification	:C12Q1/68, C12N15/82, C07K14/415
(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)VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI-431 402(M.S.), INDIA
Address of Applicant :CENTRAL ADMINISTRATIVE BUILDING KRISHI NAGAR, PARBHANI 431402 Maharashtra India
(72)**Name of Inventor :**
1)DR. RODGE A.B
2)MR. B.A. JADHAV

(57) Abstract :
The guar germ meal was detoxified to remove antinutritional factor such as haemagglutinin by different treatments soaking in distil water, soaking treatment in chemicals, boiling treatment and roasting respectively. The data revealed that soaking for 48 hrs in distil water, roasting for 15 minutes at 140° C reduced complete haem agglutinin. Soaking for 20 hrs in distilled water, soaking followed by cooking and sodium bicarbonate soaking followed by cooking drastically reduced haernagglutinin.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2673/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A NOISE ATTENUATION DEVICE FOR A COMPRESSOR

(51) International classification	:F01N1/02, F04D29/66, F01N1/00, F01N13	(71)**Name of Applicant :** **1)EMERSON CLIMATE TECHNOLOGIES (INDIA) LIMITED** Address of Applicant :PLOT NO. 23, RAJIV GANDHI INFOTECH PARK, PHASE-II HINJEWADI, PUNE-411057, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)KULKARNI ABHIJIT LAXMIDAS**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present disclosure teaches a noise attenuation device for a compressor (100) to be connected between the compression chamber and the discharge end (120) of the compressor (100) via a shock loop (105). The noise attenuation device of the present disclosure includes a first chamber (102) fluidly communicating with a second chamber (104) via a hollow tube (106) having perforations at end sections thereof. The noise attenuation device enables reduction in the noise emitted by the compressor (100) while increasing the operational life of the compressor.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2674/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN ECO-FRIENDLY AND ECONOMIC GREEN PROCESS FOR RECYCLING OF E-WASTE

(51) International classification :C25C5/02
(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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(72)**Name of Inventor :**
1)SHIVKUMAR SIDDARTH

(57) Abstract :
An eco-friendly and economic green process for recycling of e-Waste from electric or electronic devices; said process comprising a. depopulating soldered components on the PCBs by de-soldering above the melting point of the solder and applying vibration impacts on the PCBs to separate the de-soldered components; b. comminuting / shredding the PCBs by conventional means; c. pyrolysing the shredded PCBs in two stages, one at 300° C to 350° C and other at 400° C to 450° C in an inert atmosphere to obtain vapour containing hydrocarbons or halogenated hydrocarbons and metallic residue followed by vapour condensation to obtain oil containing hydrocarbon oil and halogenated hydrocarbon oil and quenching a non-condensable vapour first with water to sediment solid residue if any. followed by alkali to obtain alkali bromide if any; d. recycling non-condensable vapour along with natural gas / methane for heating pyrolytic reactor; and e. smelting metallic residue by using the oil obtained in step (c) along with natural gas /methane at temperature in the range of 900° C to 1500° C to obtain metal ingot and complete combustion of oil followed by quenching vapour first with water to sediment solid residue if any followed by alkali to obtain alkali bromide.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2675/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :14/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD OF PROVIDING A SUCTION AND THRUST MECHANISM FOR ENGINE POWERED GROUND VEHICLES

(51) International classification :B60V1/00
(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)Bhayani Kushal Anil

(57) Abstract :
The present invention relates to a method of providing a suction and thrust mechanism for engine (2) powered vehicles (4). The vehicle is configured to have a suction pump (1) at front end of the vehicle just behind a vehicle grill, at least one blowing outlet disposed at rear end of the vehicle on either side of the vehicle exhaust and at least one exhaust fan (3) being mounted between the engine and said outlet. During the forward motion of the vehicle, the suction pump sucks the atmospheric air around the vehicle through the vehicle to reduce the aerodynamic drag of the vehicle. The suctioned air (5) then flows towards the engine where heat exchange took place around the engine and hot air stream as a result of said heat exchange is forcefully exhausted out from the outlet to increase additional forward push of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.517/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :24/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : FRICTION MATERIAL MANUFACTURING METHOD

(51) International classification :F16D69/00,C09K3/14,F16D69/04
(31) Priority Document No :2011-208899
(32) Priority Date :26/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/005559
Filing Date :03/09/2012
(87) International Publication No :WO 2013/046543
(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)YAGUCHI Mitsuaki
2)HONMA Masafumi
3)HATTORI Yasuki

(57) Abstract :
To provide a method of manufacturing an NAO material friction material with superior resistance to fading and high mechanical strength and which does not include copper or elemental copper this friction material manufacturing method includes: a mixing step of mixing a friction material raw material compound and obtaining a friction material raw material mixture; a kneading step of inserting the friction material raw material mixture into a sealed kneading device and kneading same while maintaining within the chamber of the kneading device a temperature which is greater than or equal to the melting temperature of a heat curable resin and less than the curing temperature thereof as well as a prescribed pressure obtaining the friction material raw material mixture; a granulating step of granulating the friction material raw material kneaded substance obtaining a friction material raw material granulated substance; and a hot press casting step of inserting the friction material raw material granulated substance into a casting mold and hot press casting the substance with a press device obtaining a friction material cast substance.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2344/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :12/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : MICRO DEVICE FOR SEPARATING BLOOD PLASMA FROM WHOLE HUMAN BLOOD AND METHOD FOR MAKING THE SAME

(51) International classification	:G01N33/49, B01D63/02	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY**
(32) Priority Date	:NA	Address of Applicant :POWAI, MUMBAI 400076, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)PRABHAKAR AMIT**
Filing Date	:NA	**2)KUMAR BALAVARUN**
(87) International Publication No	: NA	**3)AGRAWAL AMIT**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Micro device for separating blood plasma from whole human blood and method for making the same. The micro device (1) comprises a polymer material microchip (2) having an open micro channel pattern (3) and a glass plate (4) bonded against the open side of the micro channel pattern. The micro channel pattern comprises a blood flow channel (5) connected to a corpuscles flow channel (9) and a sine shaped plasma flow channel (13) through a curved constriction channel (17). The diameters of the blood flow channel, constriction channel, corpuscles flow channel and plasma flow channel are 200 - 400 μm, 80-150 μm, 300 - 600 μm and 100-150 μm, respectively. The constriction channel extends through an angular distance of 90 - 270°. The microdevice is efficient, user friendly, economical and reliable

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2014
(21) Application No.456/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ANNEALING SEPARATOR FOR GRAIN ORIENTED ELECTRICAL STEEL SHEET

(51) International classification :C23C22/00,C21D8/12,C22C38/00
(31) Priority Document No :2011-220486
(32) Priority Date :04/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006375
Filing Date :04/10/2012
(87) International Publication No :WO 2013/051270
(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)WATANABE Makoto
3)TERASHIMA Takashi

(57) Abstract :
Provided is an annealing separator for a grain oriented electrical steel sheet which does not inhibit the flowability of an atmospheric gas during the transformation of a grain oriented electrical steel sheet into a coil shaped product and the final annealing of the coil shaped product and can prevent the occurrence of surface roughness. The annealing separator contains 0.01 0.05 mass% of Cl 0.05 0.15 mass% of B 0.1 2 mass% of CaO and 0.03 1.0 mass% of PO and is mainly composed of magnesia having: a degree of activity of citric acid of 30 120 seconds as measured at 40% CAA; a specific surface area of 8 50 m/g as measured by a BET method; an amount of hydration of 0.5 5.2 mass% as measured in terms of ignition loss; and a content of magnesia particles each having a particle diameter of 45 µm or more of 0.1 mass% or less the annealing separator further containing a water insoluble compound having a particle diameter of 45 150 µm inclusive in an amount of 0.05 20 mass% inclusive.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014
(21) Application No.516/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CALCIUM CARBIDE GRANULES PROCESS FOR PRODUCING CALCIUM CARBIDE GRANULES AND SYSTEM FOR PRODUCING CALCIUM CARBIDE GRANULES

(51) International classification :C01B31/32,C07C11/24
(31) Priority Document No :2011-183661
(32) Priority Date :25/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052716
Filing Date :07/02/2012
(87) International Publication No :WO 2013/027426
(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)KAMAMOTO Junpei
3)KUBONO Kouji
4)OMORI Hiroaki
5)NAGASAKI Shunichi

(57) Abstract :
Provided is a process for producing calcium carbide granules which when used for dry process acetylene generation neither enhance side reactions such as acetylene polymerization nor adversely affect the yield nor enhance the risk to safety due to an increase in reaction temperature. The process is for producing calcium carbide granules in which the content of granules having a diameter of 4 mm or larger is 5 wt.% or less and the content of granules having a diameter of 0.15 mm or smaller is 20 wt.% or less the process comprising the step (A) of crushing calcium carbide with a crusher the step (B) of putting the calcium carbide which has been crushed with the crusher through a screen having an opening size of 4 mm and the step (C) of introducing the calcium carbide remaining on the screen into the crusher again. The steps (A) to (C) are conducted in an inert gas atmosphere. The size of crushed granules to be obtained by the crusher is controlled so that the amount of the calcium carbide introduced into the crusher in the step (A) a and the amount of the calcium carbide passing through the screen in the step (B) b satisfy $1 \leq (a\ b)/b \leq 2.5$.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2014
(21) Application No.416/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD FOR MONITORING AN EXHAUST SYSTEM

(51) International classification :F01N3/20,F01N11/00
(31) Priority Document No :10 2011 115 328.8
(32) Priority Date :07/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/004173
Filing Date :05/10/2012
(87) International Publication No :WO 2013/050167
(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)NIEMEYER Jens
2)TOTH Aron
3)SPAEDER Tim

(57) Abstract :
A method and an arrangement for monitoring an exhaust system (10) of an internal combustion engine are disclosed. In said method and arrangement temperature variations are measured upstream and downstream of an installation location (16) of a catalytic converter (18) in order to determine whether or not said catalytic converter (18) is installed.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2014
(21) Application No.89/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR AGGREGATING CARRIERS OF A BACKHAUL CONNECTION

(51) International classification :H04L5/14,H04L5/00,H04W88/04
(31) Priority Document No :61/524704
(32) Priority Date :17/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050329
Filing Date :10/08/2012
(87) International Publication No :WO 2013/025502
(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 Wanshi
2)LIN Dexu
3)DAMNJANOVIC Jelena M.
4)MONTOJO Juan

(57) Abstract :
The described aspects include methods and apparatus for aggregating carriers over a backhaul link between a relay and an evolved Node B (eNB). A first set of subframes of at least a first carrier of a plurality of carriers configured for communicating with an eNB over a backhaul link can be determined. A second set of subframes of at least a second carrier of the plurality of carriers configured for backhaul link communications is also determined wherein the second set of subframes are different from the first set of subframes. Data received over a plurality of access link carriers can then be communicated to the eNB over the first carrier and the second carrier based at least on the first set of subframes and the second set of subframes.

No. of Pages : 58 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2319/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :10/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : CRYSTALLINE CLOPIDOGREL HYDROGEN SULPHATE

(51) International classification :C07D495/04
(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)THENNATI RAJAMANNAR
2)REHANI RAJEEV BUDHDEV
3)CHHABADA VIJAY CHHANGAMAL

(57) Abstract :
Clopidogrel hydrogen sulphate in the form of a free-flowing powder characterized by agglomerates of crystalline clopidogrel hydrogen sulphate, free of added excipients and having a particle size distribution such that D10 is not less than 75 urn The invention also relates to the process of preparing clopidogrel hydrogen sulphate in a free-flowing powder form.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2320/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :10/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : CLOPIDOGREL TABLETS

(51) International classification	:A61K47/44, A61K9/20, A61K31/4365, A61
(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)JAISWAL SUNIL
2)SHARMA KRISHNA
3)YEOLE ABHIJEET SUDHAKAR

(57) Abstract :
A solid dosage form comprising agglomerates of clopidogrel hydrogen sulphate having a particle size distribution such that D10 is not less than 75 microns and wherein agglomerates of clopidogrel hydrogen sulphate are present in an amount of at least 55 % by weight of the solid dosage form.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013

(21) Application No.2438/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MECHANICAL INTERLOCK DEVICE FOR INTERLOCKING SWITCHING DEVICES

(51) International classification	:H01H9/00, H01H9/26
(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)PRAPTEE PRADEEP JAMBHORKAR
2)JAMMULA AJITH KUMAR
3)SHIRISH D GAIKWAD

(57) Abstract :
Disclosed is a mechanical interlock device for interlocking switchinu devices. The mechanical interlock device is provided with an enable/disable position control. The enable/disable feature of the mechanical interlock device enables the customer to use single device without mechanical interlocking featureto be added externally. The mechanical interlock device is inbuilt part of any standard switching device which saves time, money involved in training labor and the assembly time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014
(21) Application No.411/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HAIR COMPOSITION

(51) International classification :A61Q5/06,A61K8/35,A61K8/41
(31) Priority Document No :PCT/CN2011/001624
(32) Priority Date :26/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/EP2012/068744
Filing Date :24/09/2012
(87) International Publication No:WO 2013/045382
(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)WANG Jinfang
2)YANG Xiaoxia

(57) Abstract :
A hair colouring composition comprising: a) dihydroxyacetone or a derivative thereof; b) from 0.2 to 10 wt% of the total composition of a cationic conditioning compound c) a sulphonic compound of formula: HN (CH R}S(X) Y in which where p is an integer from 1 to 5 R is H or an alkyl group X is O or S q is an integer from 0 or 1. Y is an alkyl group or hydroxyl group.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.720/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :11/03/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : RACK AND PINION MECHANISM FOR OPEN DOOR OPERATION OF MOTOR CONTROL CENTRE

(51) International classification	:F16H 55/28, B62D5/22, F16H19/00
(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)HARSHA R. DESHPANDE
2)ROHIDAS H. LASTE
3)RAVINDRA M. KADAM

(57) Abstract :
The present invention provides a module base assembly having a bush and gear assembly. The bush and gear assembly comprises a plurality of bushes that connect to each other in a predefined manner. The gear and bush assembly includes a pinion that engages with a threaded rack. The pinion is having a plurality of threads defined along an outer periphery thereof. The gear and bush assembly includes an operational handle that rotates in a clock wise direction at a predefined angle such that the rack engages with the pinion thereby enabling a sequential liner movement of the module into a plurality of predefined positions.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014
(21) Application No.423/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : TWO WIRE PROCESS CONTROL LOOP CURRENT DIAGNOSTICS

(51) International classification :G08C19/02
(31) Priority Document No :13/210662
(32) Priority Date :16/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049269
Filing Date :02/08/2012
(87) International Publication No :WO 2013/025357
(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)ARNSTON Douglas W.
2)RUD Jason H.

(57) Abstract :
A process variable transmitter (10) controls a signal on a communication loop (28). A diagnostic component (22) on the transmitter compares an expected signal level on the communication loop with an actual value to detect on scale errors.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014
(21) Application No.536/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ILLUMINATION DEVICE DISPLAY DEVICE AND ELECTRONIC DEVICE

(51) International classification :F21S2/00,F21V3/04,F21V7/22
(31) Priority Document No :2011-220682
(32) Priority Date :05/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072449
Filing Date :04/09/2012
(87) International Publication No :WO 2013/051360
(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)FURUKAWA Norimasa
2)OKUYAMA Kentaro

(57) Abstract :
Provided are an illumination device which allows for the use of a backlight a display device equipped with the illumination device and an electronic device. The display device is provided with a display panel and the illumination device for illuminating said display device. The illumination device comprises sequentially from said display panel side a light guide plate having a light source on the side face thereof a spread spectrum modulation element which can modulate between a first state where the light from said light source is spread and a second state where the incident light from the rear side is transmitted through the front side and a reflection modulation element which can modulate between a third state where the spread and transmitted light of said spread spectrum modulation element is reflected in the front direction and a fourth state where the incident light from the rear side is transmitted through the front side.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2362/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :15/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : BIOMEDICAL DENTAL IMPLANTS AND KITS, THEREOF

(51) International classification	:A61C8/00,A61L27/44, A61L27/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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(57) Abstract :
A biocompatible dental implant comprising a body comprising enamel, dentin, and cementum, said body being made up of hydroxyapatite crystals, wherein pulp chamber is filled with gutta percha points or thermoplasticized gutta percha, characterized in that, said body being devoid of dental pulp/tissue.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2618/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :08/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN AUTONOMOUS EXCITATION CONTROL SYSTEM FOR AN INTERNAL COMBUSTION DRIVEN ELECTRIC GENERATOR AND A METHOD THEREOF

(51) International classification	:F02P1/08
(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)DIXIT AMIT
2)ATHAVALE ARVIND
3)SHASHIKANTH SURYANARAYANAN

(57) Abstract :
An Autonomous Excitation Control System for an Internal Combustion Driven Electric Generator and a Method Thereof An autonomous excitation control system for an internal combustion driven electric generator comprising: a rectifier circuitry coupled to alternator output to convert AC waveform from alternator output to a DC waveform; a zero crossing detection circuitry coupled to alternator output and generating an output pulse when the generator output crosses zero value; a sensing circuitry for sensing generator output voltage and converting said output voltage to low-power electric signals; a microprocessor receiving power from said rectifier circuit and having first input from said zero crossing detection circuitry and second input from said sensing circuitry; and an electronic switching device having input from said microprocessor is coupled to field coil of said electric generator; wherein based on the output of said sensing circuitry and said zero crossing detection circuitry, said microprocessor determines a first modulation index and based on the output of said zero crossing detection circuitry said microprocessor determines a second modulation index wherein based on said first modulation index and said second modulation index said microprocessor generates a modulation command for said electronic switching device thereby regulating power flow by said electronic switching device.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2324/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :10/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENGINEERED AND FABRICATED RCC CONCRETE STRUCTURE USED AS A STAND AND FOR THE USE OF FITTING SOLAR PANELS AND SUBSEQUENTLY USED FOR TILTING THE STRUCTURE IN CLOCKWISE AND ANTICLOCKWISE DIRECTION IN VARIOUS ANGLES AT THE SOLAR FARMS.

(51) International classification	:E04B 1/00,E01C9/00, C04B 28/00
(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)SANTOSH ARVIND PRADHAN

(57) Abstract :
I have made final drawings of the product which will be engineered and fabricated RCC structure. Based on the drawings; I have made various types of moulds for making engineered and fabricated RCC structure product. I have made the sheet metal fabricated engineered parts with the help of its press toolings and with the help of mechanical power press. I have made the square or rectangle or any geometric shaped construction rings made from milled steel grade for doing construction work than I have cut the construction grade milled steel material in to the cut to length pieces as per the drawing. Than I have assembled the cut length construction grade milled steel material and milled steel grade construction rings with the help of spot welding machine or with the help of mig welding machine or simply tying with construction grade milled steel wire. I have placed the sheet metal fabricated engineered parts in the assembled construction grade milled steel material than I will perform welding operation with the help of mig welding machine or I will tie both the material with the help of spot welding machine. I have erected several table top mounted vibratory special purpose machine at the shop. At the top of the table I have mounted detachable plane milled steel sheet at the top portion of vibratory special purpose machine. I have placed qualifying gauge at the top portion of vibratory special purpose machine. I have placed mould at the top portion of the qualifying gauge and later on which will be placed at the top portion of vibratory special purpose machine than I have placed assembled reinforced construction grade milled steel material in to the mould. I will make the RCC concrete as per the grade specified by the customer with the help of concrete mixer and with the use of cement, sand, small metal (churri) and clean water as raw material than after mixing the entire concrete as per the grade specified I will pour this mixed concrete in to the mould which is placed at the qualifying gauge and vibratory special purpose machine location and in which construction grade milled steel material and sheet metal fabricated engineered parts are already present. After pouring the RCC concrete material in to the specified mould, I will start the vibratory special purpose machine which will perform the vibratory motion for a particular time period till the RCC concrete material get settled in to the specified mould than I will stop the vibratory special purpose machine. After that the RCC concrete is allowed to settle down for 24 hours or 48 hours time depending up on the customers requirement at the respective location of qualifying gauge and vibratory special purpose machine. After 24 hours or 48 hours of time the RCC concrete structure will be released from the respective mould and qualifying gauge than again this RCC concrete structure will be fitted in the qualifying gauge and then this RCC concrete structure will be immersed in the water tank for the curing purpose. After doing curing process in the water this RCC concrete structure will be disassembled from the qualifying gauge and RCC concrete structure will be placed in the sun light for natural strengthening operation. Later on after doing natural strengthening operation the cleaning of burr and the chamfering operation will be performed now the RCC concrete parts will be ready. After making various types of the RCC concrete parts as per the drawings with the help of above mentioned method, we will do assembly work at the solar farms with the help of nuts, bolts, sheet metal parts and washers as mentioned in the assembly drawings. We will place CNC machined part pins at the locations of the swivel of RCC concrete part. After doing assembly of the RCC concrete structure parts at the solar farms than I will assemble the solar panels as mentioned in the drawings at the top portion of RCC concrete structure with the help of Z clamps, U clamps made from Aluminum material, nuts, bolts and washers. After doing entire assembly work I will check the RCC concrete structure assembly by tilting it to various locations as mentioned in my drawings to get the maximum output during the entire day of operation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014
(21) Application No.430/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SHOWER JET DEVICE

(51) International classification :F16K11/04,F16K11/044
(31) Priority Document No :201310154267.1
(32) Priority Date :27/04/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/084285
Filing Date :26/09/2013
(87) International Publication No :WO 2014/173073
(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)YUAN Xunping
2)TANG Zhiqiang
3)MAI Xianxin

(57) Abstract :
Disclosed is a shower jet device wherein a spray needle (4) is arranged in a spray nozzle (3); a cold water inflow space (9) and a cold water jet outlet (32) are formed between the spray nozzle (3) and the spray needle (4); a hot water inflow space (8) is formed between the spray nozzle (3) and a valve body (1); a cold water inlet (B1) is respectively in communication with a cold water opening (A1) and the cold water inflow space (9); and a hot water inlet (B2) is respectively in communication with a hot water opening (A2) and the hot water space (8). When in use by merely adjusting the spray nozzle (3) to move in the axial direction of the jet spray valve (B) an adjustment to the cold water inflow space (9) the hot water inflow space (8) and the cold water jet outlet (32) can be realized. The shower jet device is able to realize a better spray effect by means of a relatively simple manner of operation.

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014
(21) Application No.431/MUMNP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : EMERGENCY CONTACT DEVICE

(51) International classification :G06Q50/00,G06K17/00
(31) Priority Document No :2011903211
(32) Priority Date :11/08/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000954
Filing Date :13/08/2012
(87) International Publication No :WO 2013/020185
(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)PETAIA Helen

(57) Abstract :
The present invention provides a device for accessing personal information including the personal and/or medical record of one or more individuals in the event of an emergency.An identification (ID) device of the individual and a code wherein the code is a Quick Response code specific to each individual to enable the retrieval of information. The code may either be applied to the device or embedded in the device. Alternatively the code may be applied to a label which may be affixed to one or more devices.

No. of Pages : 15 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2657/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :13/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A WELLNESS/MULTI-THERAPY SYSTEM

(51) International classification :A61G10/00
(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)PATIL, DR. JASWANT

(57) Abstract :
A system adapted for providing wellness/multiple therapy benefits to individuals which would enable imparting benefits of ayurveda therapies, modern medical therapies and alternative medical therapies to individuals enabling the much required relaxation of the human mind and body. The wellness/multi-therapy system of the present advancement is adapted to achieve the much required balance of the human mind and body to maintain its well-being for desired energy and alertness to the mind and body for carrying out the daily activities demanded from the human mind and body, that is also directed to provide for the first time a system which would facilitate controlled wellness/multi-therapy utilities to an individual in a very short span of time, thereby relieving the individual from stress and strain generated from regular life style as well as from diseased conditions such as cancer, asthma, emphysema, aids arthritis, heart and vascular diseases, multi-sclerosis and alziemers disease and many other stress based symptoms. The system of the invention is adapted for faster maintenance of desired balance between spirit-mind-body together in a harmonious way in shortest possible time by advancement in system enabling synergistically combining goodness of modern and/or alternative therapies in a single unit.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013
(21) Application No.2658/MUM/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : POWER GENERATION SYSTEM THAT OPTIMIZES THE POWER PROVIDED TO START A GENERATOR

(51) International classification :F02N11/04
(31) Priority Document No :13/627,056
(32) Priority Date :26/09/2012
(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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1)ALBSMEIER, ERIC D.
2)MAUK, RICHARD A.
3)CHIU, HARRISON C.

(57) Abstract :
Some embodiments relate to a power generation system. The power generation system includes a first generator and a first battery charger. The first battery charger is adapted to charge a first battery and a second battery. The first battery and the second battery are each adapted to provide power to start the first generator. The power generation system further includes a controller that determines a state of charge for each of the first battery and the second battery. Based on the state of charge for each of the first battery and the second battery, the controller determines which of the first battery and the second battery receives charging current from the first battery charger.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.358/MUMNP/2014 A
(19) INDIA
(22) Date of filing of Application :26/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : REMINERALIZATION OF DESALINATED AND OF FRESH WATER BY DOSING OF A CALCIUM CARBONATE SOLUTION IN SOFT WATER

(51) International classification	:C02F 1/68,C02F 1/66
(31) Priority Document No	:11179541.5
(32) Priority Date	:31/08/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/066673
Filing Date	:28/08/2012
(87) International Publication No	:WO 2013/030185
(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)POFFET Martine
2)SKOVBY Michael
3)POHL Michael

(57) Abstract :
The present invention concerns a process for treating water and the use of calcium carbonate in such a process. In particular, the present invention is directed to a process for remineralization of water comprising the steps of providing feed water, providing an aqueous solution of calcium carbonate, wherein the aqueous solution of calcium carbonate comprises dissolved calcium carbonate and reaction species thereof, and combining the feed water and the aqueous calcium carbonate solution.

No. of Pages : 53 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2339/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :11/07/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : TIME-SERIES ANALYSIS BASED ON WORLD EVENT DERIVED FROM UNSTRUCTURED CONTENT

(51) International classification	:G06T11/20, G06F17/30
(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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2)VERMA, Ishan
3)KHURDIYA, Arpit
4)MAHAJAN, Diwakar
5)SHROFF, Gautam

(57) Abstract :
The present subject matter relates to analysis of time-series data based on world events derived from unstructured content. According to one embodiment, a method comprises obtaining event information corresponding to at least one world event from unstructured content obtained from a plurality of data sources. The event information includes at least time of occurrence of the world event, time of termination of the world event, and at least one entity associated with the world event. Further, the method comprises retrieving time-series data pertaining to the entity associated with the world event from a time-series data repository. Based on the event information and the time-series data, the world event is aligned and correlated with at least one time-series event to identify at least one pattern indicative of cause-effect relationship amongst the world event and the time-series event.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2603/MUM/2013 A
(19) INDIA
(22) Date of filing of Application :07/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS FOR PREPARING ORALLY ADMINISTERED DABIGATRAN FORMULATION

(51) International classification	:A61K31/4439, A61K9/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MR. UMANG BUDHRAJA
(72)**Name of Inventor :**
1)MR. RAJKUMAR BUDHRAJA
2)MR. UMANG BUDHRAJA

(57) Abstract :
The present invention relates process for preparing active substance pellets containing dabigatran of formula (I). The process for preparing dabigatran pellets using extrusion spheronizer technology, which allows the formulation to be manufactured on a large scale. A further aim of the invention is to provide a process which allows the formulation to be manufactured with a reproducible quality.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014
(21) Application No.2265/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BASE STATION HAND OVER CONTROL METHOD AND PROGRAM

(51) International classification :H04W24/04,H04W36/38,H04W84/10
(31) Priority Document No :2011188580
(32) Priority Date :31/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071793
Filing Date :29/08/2012
(87) International Publication No :WO 2013/031804
(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)SAWADA Shinichi
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4)YOSHIHARA Akio
5)FUSE Shumpei

(57) Abstract :
Provided is an HeNB that enables a mobile station within the area covered by the HeNB to be handed over to another base station that is able to communicate therewith. An HeNB (30) communicates with an MME by a relay process performed by a gateway (20). The HeNB (30) detects the state of the gateway (20). The HeNB (30) stops the communication with a portable telephone (40) according to the state of the gateway (20).

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014
(21) Application No.2266/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PRODUCING NITRILE COMPOUNDS FROM ETHYLENICALLY UNSATURATED COMPOUNDS

(51) International classification :C07C253/10,C07C255/03,C07C255/04
(31) Priority Document No :11 02976
(32) Priority Date :30/09/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/069027
Filing Date :27/09/2012
(87) International Publication No :WO 2013/045524
(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)HOPEWELL Jonathan
4)GARLAND Michael

(57) Abstract :
The present invention relates to a method for the hydrocyanation of organic ethylenically unsaturated compounds including at least one nitrile function. The invention specifically relates to a method for the hydrocyanation of a hydrocarbon compound including at least one ethylenic unsaturation by a reaction with hydrogen cyanide in a liquid medium and in the presence of a catalyst including a metal element selected from the transition metals and an organophosphorous ligand the organophosphorous ligand including a compound of general formula (I) where R and R which are identical or different are a linear or branched alkyl radical having 1 12 carbon atoms which can include heteroatoms or an optionally substituted aromatic or cycloaliphatic radical that can include heteroatoms wherein the covalent bond between P and R and that between P and R are P C bonds.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2334/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CIRCUITS FOR CONTROLLING DISPLAY APPARATUS

(51) International classification :G09G3/34
(31) Priority Document No :61/536692
(32) Priority Date :20/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056391
Filing Date :20/09/2012
(87) International Publication No :WO 2013/043905
(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)LEWIS Stephen R.

(57) Abstract :
A display includes an array of light modulators each having a first actuator and a second actuator. A control matrix includes a circuit having a first state inverter having an output coupled to an input of a second state inverter. A data store capacitor is coupled to an input of the first inverter and configured to store a data voltage corresponding to a future pixel state of the pixel. A first update interconnect is coupled to the first state inverter and configured such that altering a voltage applied to the first update interconnect causes the first actuator to respond to the stored data voltage. A second update interconnect is coupled to the second state inverter and configured such that altering a voltage applied to the second update interconnect causes the second actuator to respond to a voltage state of the first inverter.

No. of Pages : 74 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2335/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROGRAMMABLE DISPLAY DEVICE

(51) International classification :G09G5/00,G05B19/048,G06F15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/070645
Filing Date :09/09/2011
(87) International Publication No :WO 2013/035203
(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)KOARA Kengo

(57) Abstract :
This programmable display device is connected to a control device for controlling a plurality of pieces of equipment and functions as a user interface for the control device. The programmable display device is provided with a display processing means for displaying a screen and plurality of display objects disposed within that screen on a display unit and a storage means for storing for each of candidate screens that are candidates for the screen and candidate display objects that are candidates for the display objects set security level information that prescribes a level to which a candidate screen or a candidate display object belongs from among a plurality of levels in which security is ranked horizontally and set security group information that prescribes a group to which a candidate screen or a candidate display object belongs from among a plurality of groups in which the security is divided vertically across the plurality of levels.

No. of Pages : 61 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2257/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN APPARATUS TO IMPLEMENT SYMMETRIC SINGLE ENDED TERMINATION IN DIFFERENTIAL VOLTAGE MODE DRIVERS

(51) International classification :H04L25/02,H03K19/0185
(31) Priority Document No :13/248485
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058172
Filing Date :30/09/2012
(87) International Publication No :WO 2013/049757
(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)ZHONG Cheng
2)DANG Vannam
3)LI Miao
4)MAAROUF Fares K.
5)SOWLATI Tirdad

(57) Abstract :
A differential voltage mode driver for implementing symmetric single ended termination includes an output driver circuitry having a predefined termination impedance. The differential voltage mode driver also includes an output driver replica having independently controlled first and second portions. The first and second portions are independently controlled to establish a substantially equal on resistance of the first and the second portions. The output driver replica controls the predefined termination impedance of the output driver circuitry.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014
(21) Application No.2258/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTERFERENCE MITIGATION TECHNIQUES FOR AIR TO GROUND SYSTEMS

(51) International classification :H04L1/00,H04B7/04,H04W36/00
(31) Priority Document No :61/547646
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060077
Filing Date :12/10/2012
(87) International Publication No :WO 2013/056136
(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)JALALI Ahmad
2)TIAN Bin
3)SCHIFF Leonard N.
4)AMES Willliam G.

(57) Abstract :
A method for air to ground communication interference mitigation within an aircraft equipped with a multi beam array antenna includes adjusting a modulation symbol interleaving and/or forward error correction of an aircraft receiver interface in response to detected interference from an interferer. The method further includes reducing a data rate of the aircraft receiver interface when the adjusting of the modulation symbol interleaving and/or forward error correction does not mitigate the detected interference. Another method for interference mitigation may include performing antenna beam steering away from a geographic (GEO) arc during an aircraft turn. This method further includes reducing an aircraft transmitter transmit power when a signal quality of a forward link is within a predetermined range of a signal quality threshold.

No. of Pages : 49 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2331/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PRODUCING SYNTHESIS GAS BY GASIFYING A BIOMASS IN A FLUIDIZED BED

(51) International classification :C10K1/00,C10J3/10,C10K1/10
(31) Priority Document No :10 2011 114 171.9
(32) Priority Date :19/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/067277
Filing Date :05/09/2012
(87) International Publication No :WO 2013/041372
(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)ABRAHAM Ralf
3)PAVONE Domenico

(57) Abstract :
The invention relates to a method for producing synthesis gas by gasifying a biomass (2) in a fluidized bed the biomass (2) being fed to a fluidized bed gasifier (3). In order to eliminate vapor forming alkalis produced during the gasification the invention provides for the synthesis gas to be brought into contact with getter ceramics (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2332/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PHENYL DERIVATIVE

(51) International classification :C07D205/04,A61K31/397,A61K31/40
(31) Priority Document No:2011213987
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074968
Filing Date :27/09/2012
(87) International Publication No :WO 2013/047701
(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)KUSUMI Kensuke
3)OTSUKI Kazuhiro
4)SEKIGUCHI Tetsuya
5)KAKUUCHI Akito
6)SHINOZAKI Koji
7)YAMAMOTO Hiroshi
8)NONAKA Shigeyuki

(57) Abstract :
A compound represented by general formula (I 1) (where all of the symbols are as defined in the specification) has a powerful human S1P antagonist action as a result of the introduction of two cyclic groups particularly phenoxy groups at predetermined substitution positions of said compound. It is therefore possible to obtain a therapeutic agent for S1P mediated disease such as vasoconstriction related disease fibrosis respiratory disease and the like.

No. of Pages : 106 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2333/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : PARACHUTE HARNESS CONTAINER WITH BIO CONTOURED LOAD DISTRIBUTING VEST

(51) International classification :B64D17/30
(31) Priority Document No :61/541555
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058280
Filing Date :01/10/2012
(87) International Publication No :WO 2013/049805
(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)COPENHAVER Randolph Lee

(57) Abstract :
A harness container for a parachutist has a bio contoured support cradle or load distributing vest. The load distributing vest which is generally U shaped and includes an upper yoke and two straps integral with the yoke has a multi layer construction that includes an outer layer and an inner layer mounted on a bio contoured pad. The outer layer and the inner layer are of corresponding shape and are sewn to one another along a reinforced edging with the pad therebetween. The upper yoke is attached to the front side of the harness container and the ends of the vest straps are attached to the main lift webs so that the vest elevates the harness container and distributes the load thereof across the jumper s shoulders back and chest for increased comfort.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2271/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PRODUCING SOLAR CELL MODULE SOLAR CELL BACKSIDE SEALING SHEET AND SOLAR CELL MODULE

(51) International classification :H01L31/042,B32B9/00,C09D7/12
(31) Priority Document No :2011187249
(32) Priority Date :30/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071650
Filing Date :28/08/2012
(87) International Publication No :WO 2013/031752
(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)KAMEDA Shunsuke
2)ARAI Takashi
3)AMIOKA Takao
4)ASHIDA Yuuka

(57) Abstract :
This method for producing a solar cell module involves: forming a silicon oxide layer by coating at least one surface of a base film with a coating containing silica particles and/or a hydrolysis product of a silicate; and bonding the silicon oxide layer and a silicone sealing material layer. Thus the present invention provides: a method for producing a solar cell module having excellent weather resistance and excellent adhesive strength to silicone sealing materials; a solar cell backside sealing sheet; and a solar cell module.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2272/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CHASSIS CONTROLLERS FOR CONVERTING UNIVERSAL FLOWS

(51) International classification :H04L12/28
(31) Priority Document No :61/551425
(32) Priority Date :25/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062005
Filing Date :25/10/2012
(87) International Publication No :WO 2013/063330
(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)KOPONEN Teemu
2)THAKKAR Pankaj

(57) Abstract :
A network control system for generating physical control plane data for managing first and second managed forwarding elements that implement forwarding operations associated with a first logical datapath set is described. The system includes a first controller instance for converting logical control plane data for the first logical datapath set to universal physical control plane (UPCP) data. The system further includes a second controller instance for converting UPCP data to customized physical control plane (CPCP) data for the first managed forwarding element but not the second managed forwarding element. The system further includes a third controller instance for receiving UPCP data generated by the first controller instance identifying the second controller instance as the controller instance responsible for generating the CPCP data for the first managed forward element and supplying the received UPCP data to the second controller instance.

No. of Pages : 92 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2346/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CRYSTAL OF 5 HYDROXY 1H IMIDAZOLE 4 CARBOXAMIDE HYDRATE CRYSTAL OF 5 HYDROXY 1H IMIDAZOLE 4 CARBOXAMIDE 3/4 HYDRATE AND METHOD FOR PRODUCING SAME

(51) International classification	:C07D233/90,A61K31/4164,A61P35/00
(31) Priority Document No	:2011213501
(32) Priority Date	:28/09/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/075106
Filing Date	:28/09/2012
(87) International Publication No	:WO 2013/047758
(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)HASHIMOTO Tomohiro
3)HAYASHI Katsuyuki
4)TANAKA Tomoyuki

(57) Abstract :
A method for producing 5 hydroxy 1H imidazole 4 carboxamide 3/4 hydrate which comprises: a step wherein 2 amino malonamide is reacted with a compound represented by general formula (1) (wherein each R independently represents a C alkyl group) in the presence of a carboxylic acid so as to obtain 5 hydroxy 1H imidazole 4 carboxamide; a step wherein the thus obtained 5 hydroxy 1H imidazole 4 carboxamide is reacted with an acidic compound so as to obtain an acidic salt of 5 hydroxy 1H imidazole 4 carboxamide or a hydrate thereof; and a step wherein the thus obtained acidic salt of 5 hydroxy 1H imidazole 4 carboxamide or a hydrate thereof is reacted with a salt in the presence of an acidic solvent.

No. of Pages : 58 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2347/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : PRINTING METHOD USING ON PRESS DEVELOPMENT LITHOGRAPH PRINTING PLATE PRECURSOR

(51) International classification :B41N1/14,B41N3/08,G03F7/00
(31) Priority Document No :2011218545
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068341
Filing Date :19/07/2012
(87) International Publication No :WO 2013/046877
(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)FUJIKI Yuzo
2)AOSHIMA Koji
3)YAGI Yoshihiro

(57) Abstract :
Provided is a simple on press development lithograph printing plate precursor printing method for reducing wasted paper when starting a print job and avoiding occurrences of inconsistency in printed materials in which steps (i) (v) are carried out in order: (i) perform imagewise exposure of an on press development lithograph printing plate precursor and mount same upon a plate drum of a printer; (ii) spray apply moistening water and/or a water solution including an organic solvent to at least one of a water application roller which is a printer moistening water applying means a roller which supplies water to the water application roller a roller for stabilizing water volume or a metering roller; (iii) rotate the water supply roller; (iv) bring the water application roller into contact with the lithograph printing plate precursor and apply the moistening water; and (v) supply print ink from an ink application roller to the lithograph printing plate precursor and supply print paper.

No. of Pages : 84 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014
(21) Application No.2273/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL DISUBSTITUTED 3 4 DIAMINO 3 CYCLOBUTENE 1 2 DIONE COMPOUNDS FOR USE IN THE TREATMENT OF CHEMOKINE MEDIATED DISEASES

(51) International classification :C07D307/14,C07D407/06,C07D409/06
(31) Priority Document No :61/552940
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FR2012/052478
Filing Date :26/10/2012
(87) International Publication No :WO 2013/061004
(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)BOITEAU Jean Guy
3)CLARY Laurence
4)MUSICKI Branislav
5)ROSSIO Patricia
6)SCHUPPLI NOLLET Marl¨ne

(57) Abstract :
The present invention relates to novel disubstituted 3 4 diamino 3 cyclobutene 1 2 dione compounds corresponding to the following general formula (I): to the pharmaceutical compositions containing these compounds and also to the use of these compounds and of these compositions for the treatment of chemokine mediated diseases.

No. of Pages : 87 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2274/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR TRANSMITTING ACKNOWLEDGE FRAME IN WIRELESS LOCAL AREA NETWORK

(51) International classification :H04L1/16
(31) Priority Document No :201110337667.7
(32) Priority Date :31/10/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/082755
Filing Date :11/10/2012
(87) International Publication No :WO 2013/064007
(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)GAO Lei
2)XIA Linfeng

(57) Abstract :
Provided are a method and device for transmitting an acknowledge frame in a wireless local area network. The method includes: generating an acknowledge frame for a transmission frame the acknowledge frame including a short acknowledge frame the short acknowledge frame consisting of an STF an LTF and an SIG; and sending the acknowledge frame. The short acknowledge frame in the embodiments of the present invention may not include a data unit thus the size of the acknowledge frame is reduced the overhead of the acknowledge frame is decreased thereby improving the interaction efficiency of the acknowledge frame.

No. of Pages : 28 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014
(21) Application No.2275/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR UPLINK CONTROL SIGNALING

(51) International classification :H04W28/04
(31) Priority Document No :13/236195
(32) Priority Date :19/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2012/081590
Filing Date :19/09/2012
(87) International Publication No :WO 2013/041020
(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 :
A system a device and a method for allocating A/N resources are disclosed. In one embodiment the method comprises indicating an acknowledgement or negative acknowledgement (A/N) channel of a user equipment in a first cell the A/N channel according to a first value and a second value wherein the first value is determined by a physical layer parameter wherein the second value is indicated by a high layer signaling and wherein the A/N channel corresponds to a downlink transmission of a second cell.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2343/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ORAL FORMULATIONS CONTAINING HYALURONIC ACID FOR SUSTAINED DRUG RELEASE

(51) International classification :A61K9/20,A61K31/135
(31) Priority Document No :11179819.5
(32) Priority Date :02/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066975
Filing Date :31/08/2012
(87) International Publication No :WO 2013/030348
(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 discloses a tablet or a capsule for oral administration comprising 0.5 0 % (w/w) hyaluronic acid or a salt thereof an active pharmaceutical ingredient (API) and a coating.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2344/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMAGING APPARATUS AND VIDEO RECORDING AND REPRODUCING SYSTEM

(51) International classification :H04N13/02
(31) Priority Document No :2011218870
(32) Priority Date :03/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006266
Filing Date :01/10/2012
(87) International Publication No :WO 2013/051228
(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)KUROKI Yoshihiko
2)OTANI Eiji

(57) Abstract :
Methods and apparatus for splitting light received from at least one subject into at least first and second components of light converting the first component of light into a first electrical signal representing a base image of the at least one subject dispersing the second component of light into at least a right component of light and a left component of light; converting the right component of light into a second electrical signal representing a right detection image at a first angle; and converting the left component of light into a third electrical signal representing a left detection image at a second angle different from the first angle. Additionally the right detection image may be used to transform the base image into a right parallax image and the left detection image may be used to transform the base image into a left parallax image.

No. of Pages : 60 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2345/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMAGE PROCESSING APPARATUS IMAGE PROCESSING METHOD AND PROGRAM

(51) International classification :G06F17/30,G06T7/00
(31) Priority Document No :2011219203
(32) Priority Date :03/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/005160
Filing Date :15/08/2012
(87) International Publication No :WO 2013/051180
(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)KASAHARA Shunichi

(57) Abstract :
An information processing system that acquires an image captured by an image pickup unit; acquires one or a plurality of templates each including one or a plurality of fields; compares the image to the one or plurality of templates; and outputs a result based on the comparison the result indicating whether recognition of each of the one or plurality of fields of the one or plurality of templates was successful.

No. of Pages : 45 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2070/CHE/2011 A
(19) INDIA
(22) Date of filing of Application :20/12/2011
(43) Publication Date : 19/06/2015

(54) Title of the invention : DUAL INTENSITY RAIN WATER HARVESTING FILTER

(51) International classification :b60s
(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)VIJAYARAJ
3)SUNIL GILBERT BAPTIST

(57) Abstract :
The present invention relates to a dual intensity rain water harvesting filter for filtering low, medium and high intensity of rain water. The present invention also relates to a method of installation and working of dual intensity rain water filter assembly.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2292/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SCALABLE DISTRIBUTED MULTICLUSTER DEVICE MANAGEMENT SERVER ARCHITECTURE AND METHOD OF OPERATION THEREOF

(51) International classification :H04L12/24,H04L29/08
(31) Priority Document No :13/274955
(32) Priority Date :17/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059856
Filing Date :12/10/2012
(87) International Publication No :WO 2013/059076
(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)NAIR Vinod T.
3)BOSE Arabinda
4)SKILDHEIM Eivind

(57) Abstract :
A server architecture for and method of managing devices. In one embodiment the server architecture includes: (1) a plurality of manager clusters and (2) a dispatcher cluster coupled to the plurality of manager clusters and configured to: (2a) receive an initial contact from a device (2b) assign the device to one manager cluster of the plurality of manager clusters the one manager cluster becoming a home cluster for the device (2c) cause data regarding the device to be transferred to the home cluster and (2d) cause the device thereafter to communicate directly with and be managed by the home cluster.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2293/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PRODUCING LITHOGRAPHIC PRINTING PLATE

(51) International classification :B41C1/10,B41N1/14,G03F7/00
(31) Priority Document No :2011213222
(32) Priority Date :28/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067584
Filing Date :10/07/2012
(87) International Publication No :WO 2013/046856
(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)MORI Takanori

(57) Abstract :
A method for producing a lithographic printing plate characterized in comprising the steps of: (a) supplying a negative type lithographic printing plate precursor having on a supporting body an image recording layer comprising a polymerizable compound an infrared absorption agent and an initiator represented by general formula (I) Ar I ArZ where Ar and Ar are benzene rings which may have a substituent group and which represent structures different from each other and Z represents a counter anion the image recording layer being removable by ink and/or dampening water (b) subjecting the negative type lithographic printing plate precursor to image exposure with an infrared laser (c) exposing the plate for five minutes or more to white light each having an light emission peak at 400 500 nm and 500 600 nm but not emitting light at 380 nm or less and (d) remove an unexposed portion by ink and/or dampening water to produce the lithographic printing plate.

No. of Pages : 66 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2363/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROAD PAVING SYSTEM WHICH ALLOWS FOR IMMEDIATE PERMEATION AND STORAGE OF RAINWATER FOR PREVENTING FLOOD AND METHOD FOR CONSTRUCTING SAME

(51) International classification :E01C5/00,E01C11/24
(31) Priority Document No :1020120122442
(32) Priority Date :31/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/010316
Filing Date :30/11/2012
(87) International Publication No :WO 2014/069708
(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)JIN Sung Kyun
(72)**Name of Inventor :**
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2)JIN Sung Kyun

(57) Abstract :
The present invention relates to a road paving system which allows for immediate permeation and storage of rainwater for preventing flood and to a method for constructing same. The road paving system comprises: multiple lower layer blocks each having at the side surface thereof a vertical coupling blade for coupling adjacent lower layer blocks in the vertical direction so as to prevent the lower layer blocks from being separated in the horizontal direction and each having a first through hole formed through the center thereof; multiple intermediate layer blocks which are spaced apart from each other in the horizontal direction on the lower layer blocks in which adjacent intermediate layer blocks are connected to each other by intermediate layer blocks and connection blocks and in which each intermediate layer block has a second through hole formed through the center thereof in the vertical direction; and multiple upper surface blocks which are arranged on the intermediate layer blocks so as to form the upper surface of a road pavement and which are connected to each other or to the intermediate layer blocks in the horizontal direction.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1270/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :18/02/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HIGH QUALITY DETECTION IN FM STEREO RADIO SIGNALS

(51) International classification :G10L25/69,H04B1/16,H04H20/12
(31) Priority Document No :61/540876
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/069330
Filing Date :01/10/2012
(87) International Publication No :WO 2013/045693
(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)SEHLSTROM Leif

(57) Abstract :
The present document relates to audio signal processing in particular to an apparatus and a corresponding method for improving an audio signal of an FM stereo radio receiver. In particular the present document relates to a method and system for reliably detecting the quality of a received FM stereo radio signal and for selecting an appropriate processing based on the detected quality. An apparatus (20) configured to estimate the quality of a received multi channel FM radio signal is described. The received multi¬channel FM radio signal is representable as a mid signal and a side signal and the side signal is indicative of a difference between a left signal and a right signal. The apparatus (20) comprises a power determination unit configured to determine (101) a power of the mid signal referred to as mid power and a power of the side signal referred to as side power; a ratio determination unit configured to determine (102) a ratio of the mid power and the side power thereby yielding a mid to side ratio; and a quality determination unit configured to determine (105) a quality indicator of the received FM radio signal based at least on the mid to side ratio.

No. of Pages : 65 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2304/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MODULAR LIGHTING SYSTEM

(51) International classification :F21S2/00,F21V23/06,F21V21/005
(31) Priority Document No :61/543828
(32) Priority Date :06/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055184
Filing Date :28/09/2012
(87) International Publication No :WO 2013/050913
(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)RADERMACHER Harald Josef G¼nther

(57) Abstract :
The invention proposes a lighting system (1) comprising a plurality of modules (3;30) the modules (3;30) respectively comprising: a housing (4) provided with an exit window; at least one light source (5;35) provided in the housing; wherein the lighting system further comprises: a controller (2) arranged to drive light source(s) (5 35); an electrical circuit (13;43) arranged to connect light source(s) with the controller the electrical circuit further comprising a first pair of electrical contacts provided in a first module and a second pair of electrical contacts provided in a second module the first and second pair of contacts being arranged for a mutual electrical connection;

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2305/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ADAPTIVE DUAL PASS TARGETED RECONSTRUCTION AND ACQUISITION

(51) International classification :A61B6/00,A61B6/03
(31) Priority Document No :61/542977
(32) Priority Date :04/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055007
Filing Date :21/09/2012
(87) International Publication No :WO 2013/050897
(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)COLLINS John Patrick
2)TUNG Chi Hua
3)ZHANG Bin

(57) Abstract :
A hybrid imaging system includes a first imaging system configured to acquire anatomical data of a first field of view of an anatomical structure. A second imaging system configured to acquire functional data of the anatomical structure the second imaging system acquiring functional data in a two pass list mode acquisition scheme. A reconstruction processor configured to reconstruct the functional data based on attenuation data into an attenuation corrected image and reconstruct the anatomical data into one or more high resolution images of one or more regions of interest.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2380/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM FOR MONITORING ELECTRIC SUPPLY LINES

(51) International classification :G01K1/14,G01K1/02
(31) Priority Document No :20111180
(32) Priority Date :31/08/2011
(33) Name of priority country :Norway
(86) International Application No :PCT/IB2012/054492
Filing Date :31/08/2012
(87) International Publication No :WO 2013/030796
(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)KNOOP Kjell

(57) Abstract :
A sensor system for monitoring temperature loads and other impacts on electrical supply installations comprises at least two sensor devices arranged in series at positions in the electrical supply installation to be monitored one or more signal transmitters connected to each of the sensor devices one or more signal receivers adapted to communicate with and receive signals from the signal transmitters and a processing unit connected to at least one of the signal receivers for processing the signals and providing an indication signal.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2313/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PREVENTING INACTIVATION OF FLUE GAS DESULFURIZATION APPARATUS

(51) International classification	:B01D53/50,B01D53/77,F23J15/00
(31) Priority Document No	:2011187054
(32) Priority Date	:30/08/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/071160
Filing Date	:22/08/2012
(87) International Publication No	:WO 2013/031595
(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)TAKEI Noboru
2)NISHIZAKI Chisa

(57) Abstract :
The present invention relates to a method by which inactivation of a flue gas desulfurization apparatus is predicted and prevented in advance. According to the method of the present invention which is used to prevent the inactivation of the flue gas desulfurization apparatus which treats an exhaust gas of a coal fired boiler an inactivation potential which is an inactivation index is calculated from alkaline components such as Na Ca Mg and K contained in ash of the exhaust gas and in response to the change a pH control system setting value is adjusted and a drainage control system is controlled for operation management with respect to the flue gas desulfurization apparatus.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2314/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METAL WIRE FOR RUBBER REINFORCEMENT MANUFACTURING METHOD FOR SAME AND TYRE

(51) International classification :C25D7/06,B32B15/02,B32B15/06
(31) Priority Document No :2011193887
(32) Priority Date :06/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072785
Filing Date :06/09/2012
(87) International Publication No :WO 2013/035805
(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)SAKAI Yasuo
2)MATSUOKA Akifumi
3)YAMASHITA Kenichi
4)YAMADA Takayuki
5)KODAMA Junichi
6)FUKUMOTO Toru
7)MIAO Dong

(57) Abstract :
One purpose of the present invention is to provide a metal wire for rubber reinforcement that exhibits excellent wire drawability and adhesion with rubber compositions. The aforementioned issue is resolved by a metal wire for rubber reinforcement characterized by having a metal core wire and a coating layer that covers the metal core wire and comprises Cu Zn and Co and by the composition of the surface layer of the coating layer from the surface to a depth of 15nm inwards in the radial direction being 60at% to less than 69at% of Cu and 0.5at% 5.0at% of Co.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2315/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD OF TREATING MUCOEPIDERMOID CARCINOMA

(51) International classification :A61K31/4015,A61K31/4745,A61K47/06
(31) Priority Document No :61/541758
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057480
Filing Date :27/09/2012
(87) International Publication No :WO 2013/049300
(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)GRIFFIN James D.
2)WU Lizi
3)CHEN Jie

(57) Abstract :
Imidazoquinolines as set forth in formula (I) are useful for inhibiting growth or proliferation of mucoepidermoid carcinoma cells. The therapeutic and prophylactic treatments provided by this invention are practiced by administering to a patient in need thereof an amount of a compound of formula (I) that is effective to inhibit growth or proliferation of the mucoepidermoid carcinoma cells.

No. of Pages : 65 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2316/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :27/05/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PERSONAL CRASH/FALL DETECTION AND NOTIFICATION

(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)Abhishek H Latthe

(57) Abstract :
In view of the foregoing, an embodiment herein discloses a method and system for detecting accidents which may happen in result of fall, crash and also assault and subsequently informs/notifies to emergency contacts friends, family members or to the hospitals by automatically sending messages along with the local of user on successful detection of any such event. According to an embodiment, the system comprises a personal wearable device and a mobile phone, wherein the wearable device includes a 3 axis accelerometer, a 3 axis gyroscope, a memory, and a microcontroller. In an embodiment, the wearable device is communicated to the user™s mobile phone through wireless link preferably Bluetooth smart 4.0. The mobile phone is inbuilt with GPS (Global Positioning System) and a software application [App] is installed in user™s mobile phone. A method for detecting fall and/or crash and/or assault of a user using the wearable device is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2389/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : A WORKFLOW FOR AMBIGUITY GUIDED INTERACTIVE SEGMENTATION OF LUNG LOBES

(51) International classification :G06T7/00
(31) Priority Document No :61/545605
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055241
Filing Date :01/10/2012
(87) International Publication No :WO 2013/054224
(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)WIEMKER Rafael
2)BLAFFERT Thomas
3)LORENZ Cristian
4)BYSTROV Daniel

(57) Abstract :
An apparatus and a method for post processing 2D image slices (110a c) defining a 3D image volume. The apparatus comprises a graphical user interface controller (160) a 2D segmenter (170) and a 3D segmenter (180). The apparatus allows a user to effect calculation and display of a 2D segmentation of a cross section of an object shown in a slice (110a) and calculation and display of a 3D segmentation of the object across the 3D image volume the 3D segmentation based on the object s previously calculated 2D segmentation.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2303/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTRICAL LIGHTING SYSTEM POWER CONTROL

(51) International classification :H04L12/26,H04L12/10,H04L12/40
(31) Priority Document No :61/543861
(32) Priority Date :06/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055359
Filing Date :05/10/2012
(87) International Publication No :WO 2013/050970
(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 Xiangyu

(57) Abstract :
A network switch (5) for example a PoE switch is operable to control supply of electrical power to individual luminaires (1 2) in a lighting network. The luminaires receive both electrical power for operation and signals to switch on and off through a common cable connection (9) such as an Ethernet connection. When switched on each luminaire sends a signal repeatedly towards the Po E switch until switched off and the switch (5) supplies power to the luminaire whilst successive signals are received within a period less than a predetermined shut off period (). In this way power to the luminaire can be disconnected to avoid comsumption of standby power when not in use.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2382/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CODED LIGHT DETECTOR

(51) International classification :H04B10/116,H05B37/02
(31) Priority Document No :61/547101
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055174
Filing Date :28/09/2012
(87) International Publication No :WO 2013/054221
(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)GRITTI Tommaso

(57) Abstract :
A coded lighting system comprises a set of light sources and a remote control unit or an arrangement. The set of light sources emits coded light. In order to do so each light source is associated with a unique identifier. The remote control unit or the arrangement comprises an image sensor which captures images comprising light emitted by at least one of the light sources in the set of light sources. By analyzing the captured images the remote control unit or the arrangement is able to associate light sources affecting a particular region and/or object. The remote control unit or the arrangement is thereby able to transmit a control signal comprising updated light settings to the set of light sources.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2383/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD WITH AUTOMATED MEDIA FILE BASED QUIZZING

(51) International classification :G06Q30/02
(31) Priority Document No :61/546590
(32) Priority Date :13/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055368
Filing Date :05/10/2012
(87) International Publication No :WO 2013/054241
(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)BARBIERI Mauro
2)KORST Johannes Henricus Maria
3)PRONK Serverius Petrus Paulus

(57) Abstract :
Automatic generation of questions and evaluation answers about a media item is provided for a system such as a video on demand system. A virtually unlimited number of questions can be generated without the need for subjective information. Questions about a media item are generated by selecting a media segment of the media item. At least part of the media item within the selected media segment is shown to a user. The user is asked to indicate a position within the media item where the user thinks that the segment is located. The indicated position is compared to the actual position of the segment to evaluate the answer.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2384/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AUTOMATIC GENERATION OF RATING REQUESTS FROM A RECOMMENDER SYSTEM

(51) International classification :G06Q30/02,H04N21/25,H04N21/466
(31) Priority Document No :61/546588
(32) Priority Date :13/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055543
Filing Date :12/10/2012
(87) International Publication No :WO 2013/054299
(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)BARBIERI Mauro
3)KORST Johannes Henricus Maria

(57) Abstract :
The recommender system uses stored representations of relations between users. Access to an item by one or more first users in the storage system is recorded.. When the recommender system detects a request for a rating of the item from a second user the recommender system selects at least one of the first users that occurs in a stored relation with the second user. A query message that refers to the second user is then automatically transmitted to enter a rating for the item to a user address associated with the selected first users. Preferably at least one first user is selected for which it has been recorded that it has accessed the item but for which it has not yet given a rating. Preferably the rating from the first user is passed to the second user via the recommender system which records the rating for further use. The selection of the first user may be based on recorded data that measures correlation between ratings from the first and second user.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1544/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :05/04/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SEWING MACHINE NEEDLE BAR CHANGING DEVICE

(51) International classification :D05B
(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)CHEN, Man Chuing

(57) Abstract :
A sewing machine needle bar changing device includes a needle bar case having multiple needle bar holes, each of which receives a needle bar and has at least one longitudinal slide way formed on one side thereof; a needle bar case holder located at one side of the needle bar case and having a control guide way, which is engaged with the needle bars and has a longitudinal opening; a needle bar guide member engaged with one needle bar that is moved to a sewing position to align with the longitudinal opening, and brought by a crank link of the sewing machine to move upward and downward synchronously with the engaged needle bar; and a driving mechanism for moving and then holding a selected needle bar to the sewing position. All other needle bars not in the sewing position are restricted by the control guide way from moving axially.

No. of Pages : 52 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2319/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

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

(51) International classification :H04L12/28,H04L12/46
(31) Priority Document No :2011208639
(32) Priority Date :26/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074188
Filing Date :21/09/2012
(87) International Publication No :WO 2013/047355
(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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(57) Abstract :
Provided is a communication device equipped with: a communication section having a plurality of ports for relaying data in response to the settings status of a plurality of VLAN; a status information management section for managing for each of the ports status information representing whether the port is being used by each of the plurality of VLAN; and an SNMP processing section for receiving in SNMP compliant form requests for the status information on a per port basis acquiring the status information on a per port from the status information management section and transmitting the acquired status information to other devices in SNMP compliant form.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2320/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONTROLLED PEEL LAMINATE ADHESIVE FILMS

(51) International classification :C09J7/02,H01B7/02,H01B7/18
(31) Priority Document No :61/541145
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053904
Filing Date :06/09/2012
(87) International Publication No :WO 2013/048689
(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)HATLEWICK Julie R.
2)MCGEE Robert L.
3)SKAPIK Stephen J.
4)GASSNER Sarah K.

(57) Abstract :
Disclosed is a multilayer adhesive film comprising surface adhesive layers an internal Controlled Bond Layer (CBL) comprising a propylene based polymer strippably adhered to an adjacent layer; an internal Strong Bond Layer (SBL) different than the CBL having a facial surface in adhering contact to the CBL and; optionally one or more different internal Filler Layer(s) located between the SBL and the adhesive surface layer on the side of the SBL opposite to the adhered CBL. In preferred embodiments the adhesive comprises an ethylene/ethylenically unsaturated carboxylic acid copolymer. The adhesive films are used in calbe shielding structures.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2394/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : RADIO COMMUNICATION SYSTEM MOBILE TERMINAL DEVICE BASE STATION DEVICE AND MANAGEMENT DEVICE

(51) International classification :H04W64/00,H04W84/00
(31) Priority Document No :2011216040
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074900
Filing Date :27/09/2012
(87) International Publication No :WO 2013/047664
(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)UGA Shinsuke
2)MAEDA Miho
3)MOCHIZUKI Mitsuru

(57) Abstract :
The purpose of the present invention is to provide a radio communication system capable of easily estimating the position of a base station device when the base station device is movable and capable of using the result of the estimation easily estimating the position of a mobile terminal device and a mobile terminal device a base station device and a management device which are provided therein. In addition to a UE E SMLC (264) used to estimate the position of a target UE (261) an eNB E SMLC (287) used to estimate the position of an eNB is provided. Positional information relating to the eNB in an E UTRAN is estimated by the eNB E SMLC (287) and on the basis of the estimated positional information processing for example the movement management of a target eNodeB_s1 (285) and a target eNodeB_uu (282) is performed.

No. of Pages : 106 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1616/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :09/04/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTI GRADIENT INVERTER - DESIGNING AN INVERTER BASED ON VARIABLE SLOPE VOLTAGE SUMMATION TO OBTAIN AC OUTPUT WITH MINIMIZED THD LEVEL

(51) International classification :H05B
(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 circuit diagram of a multi-gradient inverter system with low total harmonic distortion (THD) in the output is enclosed. The Inverter implements summation of variable voltage slope to obtain the sinusoidal output. The system output voltage is self- stabilized through a feedback loop. The inverter incorporates operational amplifier as integrator to generate variable slope voltage. The summation of these voltages produces the sine wave output. The entire system is designed to give the output with low THD without using the filter circuit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014
(21) Application No.2261/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESSING MESSAGES CORRELATED TO MULTIPLE POTENTIAL ENTITIES

(51) International classification :H04L29/02,H04L12/14
(31) Priority Document No :13/273853
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050696
Filing Date :03/10/2012
(87) International Publication No :WO 2013/053054
(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)JAAKKOLA Darryl W.
3)POTIEZ Laurent

(57) Abstract :
Various exemplary embodiments relate to a method and related network node including one or more of the following: receiving a message; determining whether the network device should identify an entity associated with the message using a plurality of entity records wherein each entity record of the plurality of entity records corresponds to an entity; if the network device should identify an entity associated with the message using the plurality of entity records: extracting at least one identification value; identifying a set of entity records as matching the at least one identification value; determining whether the set of entity records includes more than one entity record; and if the set of entity records includes more than one entity record: identifying a most current entity record that has been most recently modified and processing the message as being associated with the entity to which the most current entity record corresponds.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2262/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONTROLLED POROSITY DEVICES FOR TISSUE TREATMENTS METHODS OF USE AND METHODS OF MANUFACTURE

(51) International classification	:A61M25/10,A61L29/12,A61L29/14
(31) Priority Document No	:61/544170
(32) Priority Date	:06/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/058599
Filing Date	:04/10/2012
(87) International Publication No	:WO 2013/052572
(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)CAMPBELL Carey V.
3)CULLY Edward H.
4)TRAPP Benjamin M.
5)VONESH Michael J.

(57) Abstract :
In various embodiments a device is provided comprising a balloon configured to expand to an expanded state in response to introduction of a fluid at a first pressure wherein the fluid perfuses through the balloon above a second pressure the second pressure being the same or greater than the first pressure. In various embodiments a method comprising fabricating a balloon configured to expand to an expanded state in response to introduction of a fluid at a first pressure wherein the fluid perfuses through the balloon above a second pressure the second pressure being at or greater than the first pressure disposing the balloon on an elongate member having a lumen placing the lumen in fluid communication with an interior volume of the balloon.

No. of Pages : 55 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2330/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BEER TASTE BEVERAGE CONTAINING SAPONIN

(51) International classification :A23L2/00,C12G3/02
(31) Priority Document No :2011191693
(32) Priority Date :02/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071551
Filing Date :27/08/2012
(87) International Publication No :WO 2013/031713
(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)TERANISHI Takeshi
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3)KITSUKAWA Mai

(57) Abstract :
The present invention is capable of whitening the foam head of a beer taste beverage containing a colorant. According to the present invention more specifically saponin is added to a beer taste beverage that contains a colorant.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2401/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR UPLINK TRANSMISSION POWER CONTROL AND TIMING IN COORDINATED MULTIPOINT TRANSMISSION SCHEMES

(51) International classification :H04W52/16,H04W52/40
(31) Priority Document No :61/542656
(32) Priority Date :03/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/000503
Filing Date :04/10/2012
(87) International Publication No :WO 2013/052134
(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)GAAL Peter
2)CHEN Wanshi
3)MONTOJO Juan
4)XU Hao

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus of a first cell communicates with a second cell in relation to a coordinated multipoint (CoMP) transmission of control information by the second cell and data by the first cell to a user equipment (UE) in a range expanded region of the first cell determines a desired transmission power level for an uplink transmission to the first cell by the UE and provides the desired transmission power level for the uplink transmission to the second cell.

No. of Pages : 55 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2013
(21) Application No.2286/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD OF MANUFACTURING OF WELEDED SPLIT WHEEL

(51) International classification :B29C
(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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3)Mr. Balaseshan Rajaram

(57) Abstract :
In view of the foregoing, an embodiment herein discloses a method of manufacturing split wheel in which the two rims section and two mounting plates [also referred as discs] are welded together. According to an embodiment, the half rim section and the mounting plate are splitted and thus manufactured separately. Further the mounting plate and the half rim section are joined together by different welding techniques to provide desire precise design in the manufacturing of the split wheel. Similarly the other half rim is also manufactured in the same manner and then the two half rims along with the welded mounting plates are bolted together. According to an embodiment, manufacturing of split wheel rim with the present technique reduces the stress at the tire seat corner of the wheel. Moreover it provides different offsets by positioning the mounting plates accordingly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2287/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MESSAGE RECONCILIATION DURING DISASTER RECOVERY

(51) International classification :G06F12/00
(31) Priority Document No :1118936.2
(32) Priority Date :02/11/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2012/055869
Filing Date :25/10/2012
(87) International Publication No :WO 2013/064947
(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)GARZA Jose Emir
2)HOBSON Stephen James

(57) Abstract :
Method and system are provided for message reconciliation during disaster recovery in an asynchronous replication system. The method includes: intercepting a message request at a gateway remote from a primary data centre to which the message request is sent; storing a copy of the message request in a message request history remotely from the primary data centre; forwarding the message request to the primary data centre. The method further includes: storing a transaction history of the message request at the primary data centre which is mirrored to a disaster recovery site with other data from the primary data centre; and in response to determining that the primary data centre has failed comparing messages in the request message history with messages in the transaction history as retrieved from the disaster recovery site.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2432/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :31/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ENABLING IMMERSIVE SEARCH ENGINE HOME PAGES

(51) International classification :G06F17/30,G06F3/048,G06F3/14
(31) Priority Document No :13/277507
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/061231
Filing Date :20/10/2012
(87) International Publication No :WO 2013/059756
(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 computer readable storage media for enabling immersive interactive search engine home pages are provided. Upon receiving a request for a search engine home page an image is presented that covers only a portion of the available display. The image includes a portion of a larger image but appears as a complete image. Additional image portions are transmitted for presentation on portions of the display not covered by the first image. Collectively the image and the additional image portions make up a larger image configured to cover the entire available display. Additionally portions of the larger image may not be visible on the available display absent some type of user interaction with the larger image. Interactions with the larger image for instance panning zooming and the like are enabled providing the user with an immersive interactive experience with the search engine home page.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2014
(21) Application No.2433/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE LINKING

(51) International classification :H04L12/16,H04L12/12
(31) Priority Document No :61/545947
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059621
Filing Date :10/10/2012
(87) International Publication No :WO 2013/055835
(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)LIM Kean Ee
5)ELGRAM Ryan B.
6)BOX Donald F.
7)GUDGIN Martin J.
8)XU Zhangwei
9)MANION Todd R.
10)GARDNER Grant
11)DEWEY Jeremy L.
12)CUPALA Shiraz J.
13)STEEB Curt A.

(57) Abstract :
Device linking is described. In one or more implementations data is maintained at a network service that describes characteristics of a plurality of devices that are associated with a user account of the network service. A communication is formed to be received by one of the plurality of devices that includes a portion of the data that pertains to another one of the plurality of devices and that is suitable by the receiving device to discover the other one of the plurality of devices to initiate a local network connection between the devices.

No. of Pages : 57 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2295/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : WATERPROOF CONNECTOR

(51) International classification :H01R13/506,H01R13/52
(31) Priority Document No :2011186878
(32) Priority Date :30/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004892
Filing Date :01/08/2012
(87) International Publication No :WO 2013/031088
(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 waterproof connector includes a housing on which an opening is formed and in which terminals connected with electric wires are housed; a mat seal which is installed into the opening of the housing and through which the wires are inserted; a mat seal holder which is engaged with the opening of the housing by an engagement structure which prevents the mat seal from dropping off from the housing and through which the wires are inserted; and an engagement strengthening portion which is provided on one of the housing and the mat seal holder and configured to strengthen an engagement of the engagement structure. According to the waterproof connector retention of the mat seal in the housing can be improved.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2296/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEPTH MAP PROCESSING

(51) International classification :G06T7/00,H04N13/00
(31) Priority Document No :61/545219
(32) Priority Date :10/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055364
Filing Date :05/10/2012
(87) International Publication No :WO 2013/054240
(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 depth map in a three dimensional [3D] video signal is processed. From the 3D video signal a first depth map (Z1) is derived. A second depth map (Z2) is generated by a multi dimensional filter (22) that causes the second depth map to have spilling artifacts whereas the first depth map in corresponding locations has less or no such artifacts. A depth difference is determined between the first depth map and the second depth map a positive depth difference indicating a depth in the second depth map being closer to a viewer. A final third depth map is generated by combining first depth map values and second depth map values according to a combining function in dependence of the depth difference. The combining function gives preference to the first values where the depth difference is positive.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2368/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VIRTUAL ADVERTISING PLATFORM

(51) International classification :G06T19/00,G06Q30/02,G06T19/20
(31) Priority Document No :1114938.2
(32) Priority Date :31/08/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2012/000363
Filing Date :27/02/2012
(87) International Publication No :WO 2013/030634
(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 embodiments a virtual advertising platform may use a three dimensional mapping algorithm to insert a virtual image within a digital video stream. The virtual advertising platform may apply a three dimensional mapping algorithm to the virtual digital image wherein the three dimensional mapping algorithm causes the virtual digital image to be recomposited within a plurality of frames within a received two dimensional digital data feed in place of a spatial region within the two dimensional data feed. The mapping algorithm may enable application of analogous geometric changes to the virtual digital image that are present in the spatial region within the plurality of video frames within the two dimensional digital video data feed and may send the recomposited digital data feed for display to a user wherein the recomposited digital data feed is a virtualized digital data feed that includes the virtual digital image in place of the spatial region.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2440/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS LINE FOR THE PRODUCTION OF FREEZE DRIED PARTICLES

(51) International classification :F26B5/06,A61K9/16
(31) Priority Document No :11008057.9
(32) Priority Date :05/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/004168
Filing Date :04/10/2012
(87) International Publication No :WO 2013/050162
(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)PLITZKO Matthias
3)STRUSCHKA Manfred

(57) Abstract :
A process line (300) for the production of freeze dried particles under closed conditions is provided the process line comprising at least the following separate devices: a spray chamber (302) for droplet generation and freeze congealing of the liquid droplets to form particles and a bulk freeze dryer (304) for freeze drying the particles wherein a transfer section (308) is provided for a product transfer from the spray chamber (302) to the freeze dryer (304) for the production of the particles under end to end closed conditions each of the devices (302 304) and of the transfer section (308) is separately adapted for closed operation and the spray chamber (302) is adapted for separation of the liquid droplets from any cooling circuit.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2290/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : 5 BENZYLAMINOMETHYL 6 AMINOPYRAZOLO [3 4 B] PYRIDINE DERIVATIVES AS CHOLESTERYL ESTER TRANSFER PROTEIN (CETP) INHIBITORS USEFUL FOR THE TREATMENT OF ATHEROSCLEROSIS

(51) International classification	:C07D471/04,A61K31/506,A61K31/444
(31) Priority Document No	:3337/CHE/2011
(32) Priority Date	:27/09/2011
(33) Name of priority country	:India
(86) International Application No Filing Date	:PCT/IB2012/002435 :27/09/2012
(87) International Publication No	:WO 2013/046045
(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 :
The present application relates to a series of substituted pyra zolopyridin 6 amines having the general formula (I) including their stereoisomers and/or their pharmaceutically acceptable salts. Wherein R R R R R R and n are as defined herein. The present invention further relates to pharmaceutical compositions comprising compounds of formula (I). The compounds of this application are useful as CETP inhibitors for increasing HDL cholesterol and decreasing LDL cholesterol in a patient.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2291/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : OPTIMISING DATA TRANSMISSION IN A HYPERCUBE NETWORK

(51) International classification :H04L12/56
(31) Priority Document No :11186670.3
(32) Priority Date :26/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068874
Filing Date :25/09/2012
(87) International Publication No :WO 2013/060542
(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)DANTRESSANGLE Patrick
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(57) Abstract :
A method of operating a hypercube network of processing devices comprises determining that a plurality of the processing devices are storing data to be processed at a single processing device obtaining the addresses of the plurality of processing devices storing the data to be processed determining the most common number for each digit of the addresses of the plurality of processing devices storing the data to be processed generating a new address comprising the determined most common number for each digit and transferring the data to be processed to the processing device with the generated new address.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2367/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INSECTICIDAL ACTIVE MIXTURES COMPRISING ARYLQUINAZOLINONE COMPOUNDS

(51) International classification :A01N43/12,A01N43/22,A01N43/36
(31) Priority Document No :61/530450
(32) Priority Date :02/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/066839
Filing Date :30/08/2012
(87) International Publication No :WO 2013/030262
(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)GRO Steffen
3)LANGEWALD J¼rgen
4)NARINE Arun

(57) Abstract :
Pesticidal active mixtures comprising arylquinazolinone compounds The present invention relates to pesticidal mixtures comprising as active compounds 1) at least one pesticidal active 3 arylquinazolin 4 one compound I of formula (I) wherein R R R R k and n are defined in the description; and 2) at least one active compound II selected from a group M comprising acteylcholine esterase inhibitors GABA gated chloride channel antagonists sodium channel modulators nicotinic acteylcholine receptor agonists/antagonists allosteric nicotinic acetylcholine receptor activitaors chloride channel activators juvenile hormone mimics homopteran feeding blockers mit grow inhibitors inhibitors of mitochondrial bATP synthase uncouplers of the oxidative phosphorylation inhibitors of the chitin biosynthesis moulting disruptors ecdyson receptor agonists octamin receptor agonists inhibitors of the MET voltage dependent sodium channel blockers inhibitors of the lipid synthesis ryanodine receptor modulators and other compounds as defined in the description in synergistically effective amounts. The invention relates further to methods and use of these mixtures for combating and controlling insects arachnids or nematodes in and on plants and for protecting such plants being infested with pests especially also for protecting plant proparagation material such as seeds.

No. of Pages : 74 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2448/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL GLUCAGON ANALOGUES

(51) International classification :C07K14/605,A61K38/00
(31) Priority Document No :11182476.9
(32) Priority Date :23/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068649
Filing Date :21/09/2012
(87) International Publication No :WO 2013/041678
(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 novel glucagon peptides to the use of said glucagon peptides in therapy to methods of treatment comprising administration of said glucagon peptides to patients in need thereof and to the use of said glucagon peptides in the manufacture of medicaments. The glucagon peptides of the present invention are of particular interest in relation to the treatment of hyperglycemia diabetes and obesity as well as a variety of diseases or conditions associated with hyperglycemia diabetes and obesity.

No. of Pages : 146 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2321/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PRODUCTION OF POLYMERS BY MEANS OF CONTROLLED RADICAL POLYMERISATION

(51) International classification :C08F4/10,C08F4/40,C08F293/00
(31) Priority Document No :11179291.7
(32) Priority Date :30/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066838
Filing Date :30/08/2012
(87) International Publication No :WO 2013/030261
(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 :
Method for producing polymers by means of controlled radical polymerisation wherein the polymerisation of one or several radically polymerisable monomers of general formula (I) where R R R are H C Calkyl R is C(=O)OR C(=O)NHR C(=O)NRR OC(=O)CH C(=O)OH CN aryl hetaryl C(=O)OROH C(=O)ORSi(OR) halogen NHC(O)H P(=O)(OR) R is C Calkyl R is C C alkyl R is C Calkyl and R is H C Calkyl occurs in the presence of a. one or several catalysts containing Cu in the form of Cu(0) Cu(l) Cu (II) or mixtures thereof b. one or several initiators selected from the group of organic halogenides or pseudohalogenides c. one or several ligands d. optionally one or several solvents and e. optionally one or several inorganic halogenide salts said method consisting of the following steps i) addition of the catalyst a. ii) optional addition of monomers of general formula (I) iii) optional addition of solvent d. iv) addition of ligand c. v) addition of initiator b. vi) addition of monomers of general formula (I) and vii) optional addition of inorganic halogenide salts e. on the proviso that the addition of at least some of the monomers of general formula (I) occurs immediately before or shortly after the last of the steps i) iv) and v).

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2322/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : IDENTIFICATION OF SHARING LEVEL

(51) International classification :G06Q50/10,G06Q10/10
(31) Priority Document No :13/253074
(32) Priority Date :05/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058822
Filing Date :05/10/2012
(87) International Publication No :WO 2013/052715
(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)SHARMA Manoj
3)RHEE Yong Woo
4)DUKE Bojana Marjanovic

(57) Abstract :
Technologies are described herein for identifying a sharing level of content items in a content library. The content library includes a first content item having a first sharing configuration and a second content item having a second sharing configuration. The first sharing state associated with the first content item is set based on the first sharing configuration. The second sharing state associated with the second content item is set based on the second sharing configuration. A content list including multiple rows and a sharing hint column is displayed. A first row corresponds to the first content item and a second row corresponds to the second content item. A first icon corresponding to the first sharing state is arranged under the sharing hint column on the first row. A second sharing icon corresponding to the second sharing state is arranged under the sharing hint column on the second row.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2466/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : WIRELESS POWER RECEIVER AND CONTROL METHOD THEREOF

(51) International classification :H04B7/24
(31) Priority Document No :61/532350
(32) Priority Date :08/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/007217
Filing Date :07/09/2012
(87) International Publication No :WO 2013/036067
(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)WON Eun Tae
3)LEE Young Min
4)PARK Se Ho
5)KANG Noh Gyoung
6)BYUN Kang Ho

(57) Abstract :
Methods and apparatus are provided for controlling a wireless power receiver for wirelessly receiving power. A drive power for driving the wireless power receiver is received from a wireless power transmitter. A communication network is established with the wireless power transmitter. A wireless power network that is controlled by the wireless power transmitter is joined. A charge power is received from the wireless power transmitter.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2467/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :01/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR PRODUCING A MEDICAL IMPLANT FROM A MAGNESIUM ALLOY

(51) International classification :A61L31/02
(31) Priority Document No :10 2011 082 210.0
(32) Priority Date :06/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/066683
Filing Date :28/08/2012
(87) International Publication No :WO 2013/034466
(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)SCHAVAN Robert

(57) Abstract :
The invention relates to a method for producing a medical implant in particular in the form of a bone screw a bone nail a bone pin a plate a suture anchor or the like for fastening soft parts in particular tendons muscles and ligaments to a bone or in the form of an endoprosthesis or at least a part thereof from a magnesium alloy having a magnesium fraction of at least 80 wt% in particular of at least 90 wt% comprising the following steps: a) melting the magnesium alloy to obtain an alloy melt b) atomizing the alloy melt under a protective gas atmosphere and cooling the atomized alloy melt to below the solidification point thereof in order to obtain an alloy powder c) shaping the alloy powder by pressing to obtain an alloy green body d) extruding the alloy green body to obtain a magnesium alloy molded part and e) producing the medical implant from the magnesium alloy molded part. The invention further relates to a medical implant that can be obtained according to the aforementioned method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2323/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AUTOMATIC RELATIONSHIP DETECTION FOR REPORTING ON SPREADSHEET DATA

(51) International classification :G06F17/21,G06F17/24,G06F3/14
(31) Priority Document No :13/252450
(32) Priority Date :04/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058667
Filing Date :04/10/2012
(87) International Publication No :WO 2013/052609
(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)OPPENHEIMER Diego M.
4)GRABAR Anatoly V.

(57) Abstract :
A system for creating a report in a spreadsheet includes: a central processing unit; and a memory encoding instructions that when executed by the central processing unit cause the central processing unit to create: a data source module programmed to identify tables associated with the spreadsheet; a relationship module programmed to analyze the tables and identify relationships between the items; and a display module programmed to display the relationships between the tables.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2324/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AUTOMATIC SCOPING OF DATA ENTITIES

(51) International classification :G06F17/21,G06F3/033
(31) Priority Document No :13/252412
(32) Priority Date :04/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058637
Filing Date :04/10/2012
(87) International Publication No :WO 2013/052593
(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)FOLTING Allan
2)HANDY Stephen Van de Walker
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4)GRABAR Anatoly V.
5)VELINGKAR Amit A.

(57) Abstract :
A system for creating a report in a spreadsheet includes a data source module programmed to identify sources of data items associated with the spreadsheet an active module programmed to identify which of the data items are associated with the report that is generated in the spreadsheet and a display module programmed to display on a field pane with an active tab and an all tab the active tab displaying those data items that are determined to be associated with the report that is being generated in the spreadsheet and the all tab displaying all of the data items associated with the spreadsheet.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2398/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : THIOETHER ETHER AND ALKYLAMINE LINKED HYDROGEN BOND SURROGATE PERTIDOMIMENTICS

(51) International classification :A61K38/00
(31) Priority Document No :61/529414
(32) Priority Date :31/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053538
Filing Date :31/08/2012
(87) International Publication No :WO 2013/033645
(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 herein are peptidomimetics and their salts having a stable internally constrained protein secondary structure containing a thioether ether or alkylamine linked hydrogen bond surrogate; compositions containing at least one of these and methods of making and using these.

No. of Pages : 89 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2399/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : GLYCOSYLATED POLYPEPTIDE AND DRUG COMPOSITION CONTAINING SAID POLYPEPTIDE

(51) International classification :C07K14/655,A61K38/00,A61K47/48
(31) Priority Document No :2011192202
(32) Priority Date :04/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072380
Filing Date :03/09/2012
(87) International Publication No :WO 2013/032011
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)TAZURU Keisuke

(57) Abstract :
To provide a glycosylated polypeptide having an affinity to somatostatin receptors and compared to somatostatins having improved in blood stability. [Solution] The glycosylated polypeptide is characterized by at least one amino acid in a somatostatin or an analogue thereof being replaced with a glycosylated amino acid.

No. of Pages : 279 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2471/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :02/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR GENERATING AN ENRICHED USER PROFILE

(51) International classification :G06Q30/02,H04L29/08
(31) Priority Document No :61/548615
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/070597
Filing Date :17/10/2012
(87) International Publication No :WO 2013/057155
(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)HOUGH Jason
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(57) Abstract :
A method an apparatus and a computer program product for communication are provided in which a communications device is operable to provide an improved user experience or to improve the performance and/or operation of the device through use of an enriched user profile. In one aspect the communications device may obtain an attribute including a user specific informational element from a component operable on the communications device. The communications device may generate a profile synopsis from the attribute by abstracting at least a portion of the user specific informational element from the attribute and transmit the profile synopsis. The communications device may receive an enhanced informational element derived from an aggregation of profile synopses from a plurality of devices and may generate an enriched user profile by augmenting the attribute with at least a portion of the received enhanced informational element.

No. of Pages : 109 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2472/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DYNAMIC MEETING LOCATION DETERMINATION

(51) International classification :G06Q10/00
(31) Priority Document No :13/243616
(32) Priority Date :23/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053066
Filing Date :23/09/2011
(87) International Publication No :WO 2013/043194
(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)NAGUIB Ayman Fawzy
6)PADOVANI Niccolo A.

(57) Abstract :
A method for dynamically selecting a meeting location for a plurality of meeting participants includes receiving a position of each meeting participant. The method also includes identifying one or more potential meeting location(s) based on the positions. The method further includes informing the meeting participants of the one or more potential meeting location(s). Furthermore the method includes determining the meeting location from the one or more potential meeting location(s) based on input from the meeting participants.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2256/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DYNAMIC CONTENT INSTALLER FOR MOBILE DEVICES

(51) International classification :H04W4/00
(31) Priority Document No :13/271219
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058684
Filing Date :04/10/2012
(87) International Publication No :WO 2014/007835
(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 :
Apparatus and methods for obtaining a content item in a mobile environment include receiving a content item of a first type and content management information that corresponds to the content item. The content management information specifies a destination storage location for content items of the first type and the destination storage location is different from a default storage location for the content items of the first type. Further these aspects include storing the content item on the communication device at the destination storage location based on the content management information and executing an application on a computing platform of the communication device. The application interacts with the content item at the destination storage location based on the content management information. Additional apparatus and methods relating to distributing content are also disclosed.

No. of Pages : 44 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2400/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ACTIVATING AND DEACTIVATING SEMI PERSISTENT SCHEDULING FOR AN LTE VOIP RADIO BEARER

(51) International classification :H04W28/06
(31) Priority Document No :61/542713
(32) Priority Date :03/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/000505
Filing Date :04/10/2012
(87) International Publication No :WO 2013/052136
(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 an apparatus and a computer program product for wireless communication are provided. The apparatus determines an operational state of a header compressor or a header decompressor by determining a transition between different operational states associated with the header compressor and/or by determining a transition between different operational states associated with the header decompressor. A persistent scheduling mode is changed in response to a change in the operational state of the header compressor. The persistent scheduling mode may be changed by activating uplink persistent scheduling when the operational state of the header compressor changes from a first order state to a second order state and/or by deactivating the uplink persistent scheduling when the operational state of the header compressor exits the second order state.

No. of Pages : 60 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2473/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :02/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : LUBRICATION STRUCTURE FOR TRANSMISSION

(51) International classification :F16H57/04
(31) Priority Document No :2011256345
(32) Priority Date :24/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075799
Filing Date :04/10/2012
(87) International Publication No :WO 2013/077092
(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)KARASAWA Joko

(57) Abstract :
The present invention makes it possible to more effectively lubricate a carrier and pinion of a transmission. A cylindrical part (84) extending toward a pump (8) is formed on the side surface on the pump (8) side of a rotor (MGb) and an oil reservoir (85) for collecting lubricant oil ejected from the pump (8) is provided to the inner peripheral surface of the cylindrical part (84). A communication hole (83a) for creating communication between the oil reservoir (85) and the side surface on a planetary gear mechanism (PG) side of the rotor (MGb) is provided to the oil reservoir (85). Lubricant oil flowing out from the oil reservoir (85) via the communication hole (83a) is guided to a carrier (Ca) of the planetary gear mechanism (PG).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2475/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HETEROCYCLYLPYRI(MI)DINYLPYRAZOLE

(51) International classification :C07D487/04,C07D498/04,A01N43/90
(31) Priority Document No :11184138.3
(32) Priority Date :06/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/069557
Filing Date :04/10/2012
(87) International Publication No :WO 2013/050434
(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)DESBORDES Philippe
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(57) Abstract :
Heterocyclylpyri(mi)dinylpyrazole of the formula (I) in which R to R X U Q W a b and n have the meanings given in the description and agrochemically active salts to their use and to methods and compositions for controlling phytopathogenic harmful fungi in and/or on plants or in and/or on seed of plants and for reducing mycotoxins in plants and parts of the plants to processes for preparing such compounds and compositions and treated seed and also to their use for controlling phytopathogenic harmful fungi in agriculture horticulture forestry in animal husbandry in the protection of materials in the domestic and hygiene field and for the reduction of mycotoxins in plants and parts of the plants.

No. of Pages : 105 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2336/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR ADJUSTING THE OSCILLATION FREQUENCY OF A BALANCE SPRING ASSEMBLY

(51) International classification :G04B17/06,G04D7/08
(31) Priority Document No :11180071.0
(32) Priority Date :05/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/067327
Filing Date :05/09/2012
(87) International Publication No :WO 2013/034597
(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)BARTHOULOT Philippe
4)GIUSTO Nicola
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(57) Abstract :
Method for adjusting the frequency of a balance spring assembly formed at random from an entire production of springs and balances. The production means are set to limit the standard deviation (ds) of a given batch of springs to a predetermined maximum value (dsMax) and to limit the standard deviation (db) of a given batch of balances to a predetermined maximum value (dbMax) with a given imbalance tolerance. The mean (mb) of said population of balances is described according to that (ms) of the springs in order to obtain a deviation corresponding to a maximum value of decrease of inertia of the balances between the extreme values of the Gaussian distribution of the balances and that of the springs. A spring (Sx) is taken at random from said given batch of springs and a balance (By) is taken at random from said given batch of balances. The inertia of said balance (By) is adjusted according to the torque value of said spring (Sx).

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2477/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ETHYNYL DERIVATIVES AS METABOTROPIC GLUTAMATE RECEPTOR MODULATORS

(51) International classification :C07D237/22,C07D239/42,A61K31/44
(31) Priority Document No :11184257.1
(32) Priority Date :07/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/069605
Filing Date :04/10/2012
(87) International Publication No :WO 2013/050460
(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)RUEHER Daniel
5)STADLER Heinz
6)VIEIRA Eric

(57) Abstract :
The present invention relates to ethynyl derivatives of formula I wherein Y is N or CH; with the proviso that Y can only be CH if at least on of U V or W are N; U is N or C R; V and W are independently N or CH; with the proviso that only one of U V or W can be simultaneously nitrogen; R is hydrogen methyl or halogen; R is phenyl or heteroaryl which are optionally substituted by halogen lower alkyl or lower alkoxy; R is hydrogen or lower alkyl; R is hydrogen lower alkyl lower alkoxy CF or S lower alkyl; are independently from each other hydrogen lower alkyl or lower alkoxy; or R and R form together a C cycloalkyl tetrahydrofuran or an oxetane ring; or to a pharmaceutically acceptable acid addition salt to a racemic mixture or to its corresponding enantiomer and/or optical isomer and/or stereoisomer thereof. It has been found that the compounds of general formula I are allosteric modulators of the metabotropic glutamate receptor subtype 5 (mGluR5).

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2478/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ETHYNYL DERIVATIVES AS MGLUR5 ALLOSTERIC MODULATORS

(51) International classification :C07D401/04,C07D403/04,C07D413/04
(31) Priority Document No :11184331.4
(32) Priority Date :07/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/069599
Filing Date :04/10/2012
(87) International Publication No :WO 2013/050454
(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)RUEHER Daniel
5)STADLER Heinz
6)VIEIRA Eric

(57) Abstract :
The present invention relates to ethynyl derivatives of formula (I) wherein U is N or CH R is hydrogen halogen lower alkyl or lower alkoxy;Y is N(R) O or C(RR) ; wherein R4 is hydrogen or lower alkyl and R/R are independently hydrogen hydroxy lower alkyl or lower alkoxy; V is N(R) or C(RR) wherein R6 is hydrogen or lower alkyl and R/R are independently from each other hydrogen lower alkyl CH lower alkoxy or may form together with the carbon atom to which they are attached a C C cycloalkyl; R is phenyl or heteroaryl which are optionally substituted by halogen lower alkyl or lower alkoxy; m is 0 or 1; in case m is 1 R/R are independently from each other hydrogen lower alkyl CH lower alkoxy or may form together with the carbon atom to which they are attached a C C cycloalkyl; n is 0 or 1; in case n is 1 R/R are independently from each other hydrogen lower alkyl CH lower alkoxy or may form together with the carbon atom to which they are attached a C C cycloalkyl; or if m is 1 and n is 0 R and R may form together with the carbon atoms to which they are attached a C cycloalkyl; or if m is 1 and n is 1 R and R or R and R may form together with the carbon atoms to which they are attached a C cycloalkyl; or to a pharmaceutically acceptable acid addition salt to a racemic mixture or to its corresponding enantiomer and/or optical isomer and/or stereoisomer thereof. It has been found that the compounds of general formula (I) are allosteric modulators of the metabotropic glutamate receptor subtype 5 (mGluR5).

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2404/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SUPPORTED FEATURE OVERRIDE

(51) International classification :H04L12/24,H04W8/22
(31) Priority Document No :13/275678
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050730
Filing Date :17/10/2012
(87) International Publication No :WO 2013/056367
(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)YEUNG Lui Chu
3)MANN Robert A.
4)VRBASKI Mira
5)LALSETA Sachin J.
6)MOHEBI SARMADI Partoo
7)MA Haiqing H.

(57) Abstract :
Various exemplary embodiments relate to a method and related network node including one or more of the following: receiving at the network device a message; determining in response to receiving the message that a set of supported features should be transmitted to a partner device; determining based on the partner device whether a default set of features should be overridden; if the default set of supported features should be overridden transmitting an alternative set of features to the partner device; and if the default set of supported features should not be overridden transmitting a standard set of features based on the default set of features to the partner device.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2405/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FASTENING MEMBER AND FASTENING PIECE

(51) International classification :A61F13/49,A44B18/00,A61F13/56
(31) Priority Document No :2011203456
(32) Priority Date :16/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073672
Filing Date :14/09/2012
(87) International Publication No :WO 2013/039219
(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)3M INNOVATIVE PROPERTIES COMPANY
(72)**Name of Inventor :**
1)SAKAGUCHI Satoru
2)ORITANI Tadato

(57) Abstract :
Provided are a fastening member and a fastening piece for which an unpleasant texture and an incongruous appearance are significantly reduced and that bring about an integrated feeling with the main body of a disposable article for wearing. A fastening piece (100) has a hook fastener (110) and a base sheet (120). The hook height H1 of hooks (111) is 45 150μm and the thickness T2 of a hook sheet is 45 75μm. The color difference E between the hook fastener (110) and the base sheet (120) in a case where in a Lab color system the color difference of L is L the color difference of a is a and the color difference of b is b is calculated using L a and b and is found to be less than 5.5.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2406/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CONTAINERIZED SOFTWARE FOR VIRALLY COPYING FROM ONE ENDPOINT TO ANOTHER

(51) International classification :G06F13/00
(31) Priority Document No :61/528635
(32) Priority Date :29/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052897
Filing Date :29/08/2012
(87) International Publication No :WO 2013/033239
(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)SUNDUKOVSKIY Sergey L.
3)BRIGGS Christian

(57) Abstract :
A method system and computer readable medium include objects with media content. The method includes receiving at one or more servers (102 285) a request for the media content to be displayed at an endpoint (110 120). The method includes identifying information about an environment associated with the endpoint. The method includes identifying a set of objects (210) to include in a container (205) for the media content based on the information identified about the environment. At least one of the objects (235) includes program code for completing a transaction during display of the media content. Additionally the method includes sending by one or more servers (102 260 285) the set of objects to the endpoint.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2480/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS FOR MANUFACTURING GLASS FINE PARTICLE DEPOSIT AND GLASS BASE MATERIAL

(51) International classification :C03B8/04,C03B37/018
(31) Priority Document No :2011214608
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075240
Filing Date :28/09/2012
(87) International Publication No :WO 2013/047834
(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)ISHIHARA Tomohiro
2)FURUKAWA Masato

(57) Abstract :
One of the purposes of the present invention is to provide methods for manufacturing a glass fine particle deposit and a glass base material which enable improvement in the efficiency of adhesion of generated glass fine particles to a starting rod and the glass fine particle deposit. A method for manufacturing a glass fine particle deposit wherein the temperature of at least part of a gas supply pipe (25) from a temperature controlled booth (24) to a clad burner (18) is controlled so as to be higher on the burner side and have a temperature gradient of 5°C/m or more. Preferably the temperature is controlled to have a temperature gradient of 15°C/m or more and more preferably 25°C/m or more. Specifically a tape heater (26) that is a heating element is wound around the outer periphery of the gas supply pipe (25) from the temperature controlled booth (24) to the clad burner (18) and the temperature of the tape heater (26) is controlled thereby achieving management of a predetermined temperature gradient.

No. of Pages : 105 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2270/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR SOLUBILIZING CARBOXYLIC ACID CONTAINING COMPOUND IN HYDROCARBON SOLVENT

(51) International classification :B01F17/30
(31) Priority Document No :61/540552
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055265
Filing Date :14/09/2012
(87) International Publication No :WO 2013/048763
(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)KOOB Joseph D.
4)PEERY Martin H.
5)ROSENBERG Steven
6)ROY Abhishek
7)TOMLINSON Ian A.

(57) Abstract :
A method for increasing the solubility of a hydrocarbon compound comprising an aliphatic or arene moiety substituted with at least one acyl halide and at least one carboxylic acid functional group within a hydrocarbon solvent wherein the method includes the step of preparing a solution comprising: at least 80 v/v% of the hydrocarbon solvent the hydrocarbon compound and a tri hydrocarbyl phosphate compound wherein the concentration of the hydrocarbon compound is greater than its solubility limit within the solvent but less than its solubility limit in the solution and the hydrocarbon.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2341/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : VARIABLE GAS PRESSURE REGULATOR

(51) International classification :F16K31/126,F16K17/168,F16K31/42
(31) Priority Document No :2011903466
(32) Priority Date :29/08/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/CA2012/050595
Filing Date :28/08/2012
(87) International Publication No :WO 2013/029175
(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 variable gas pressure regulator comprises a throttling valve regulating the fluid flow between a high pressure fluid inlet and a regulated space fluidly connected to a fluid outlet a high pressure solenoid commanded to control fluid flow between the fluid inlet and a control space and a low pressure solenoid commanded to control fluid flow between the control space and the regulated space. The regulator achieves a variable pressure at the regulator outlet by commanding the two solenoids to control the pressure in the control space relative to the regulated space. The regulator further comprises a lock off valve which is controlled by the action of the low pressure solenoid and of the high pressure solenoid based on the relative pressure difference between the control space and the regulated space. The lock off valve seals the passage between the fluid inlet and the regulated space.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2342/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : USER EXPERIENCE ENHANCEMENTS FOR CONTROLLING A GROUP COMMUNICATION

(51) International classification :H04W4/10,H04W4/08
(31) Priority Document No :61/554876
(32) Priority Date :02/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062609
Filing Date :30/10/2012
(87) International Publication No :WO 2013/066888
(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)LAFATA Paul J.

(57) Abstract :
User experience enhancements for conducting group communication sessions may include displaying visual feedback on a display to indicate a state of a group communication session. Embodiments may include establishing a group communication channel with devices in a first operating mode in response to inputs on a user interface detecting actuation of a target based sliding lock mechanism on a touchscreen user interface display and while the locking mechanism is actuated maintaining the group communication channel in a second operating mode. Other embodiments may include initiating a group communication session in response to a user input detecting actuation of a locking mechanism by a user on a user interface sending a request to a server for a priority floor access in response to the detected actuation of the locking mechanism and while the locking mechanism is actuated maintaining a group communication channel with one or more devices in a priority access mode.

No. of Pages : 102 No. of Claims : 115

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2492/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :02/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DETERMINING PHYSICAL LENGTHS IN AN EYE USING MULTIPLE REFRACTIVE INDICES

(51) International classification :A61B3/10
(31) Priority Document No :13/276983
(32) Priority Date :19/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059495
Filing Date :10/10/2012
(87) International Publication No :WO 2013/059043
(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)SIMPSON Michael J.

(57) Abstract :
In certain embodiments determining physical lengths of an eye includes determining an optical length of each segment of a plurality of segments of an axis of the eye where each segment corresponds to a portion of the eye. A refractive index is determined for each segment. A physical length of each segment is determined according to the optical length and the refractive index of the segment.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2493/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MEDICAL DELIVERY DEVICE WITH AN INITIAL LOCKED STATE INTERMEDIATE PRIMING STATE AND A MEDICAMENT DELIVERY STATE

(51) International classification :A61M5/20,A61M5/315,A61M5/32
(31) Priority Document No :11508835
(32) Priority Date :27/09/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050961
Filing Date :12/09/2012
(87) International Publication No :WO 2013/048310
(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)DANIEL Mattias

(57) Abstract :
Provided is a medicament delivery device having an initial locked state an intermediate priming state and a medicament delivery state. The medicament delivery device is configured such that individual dose setting and activation of medicament delivery is prevented until the cap at the proximate end of the medicament delivery device is removed.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2422/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : KETTLE

(51) International classification :A47J27/21
(31) Priority Document No :2011903480
(32) Priority Date :30/08/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/001005
Filing Date :29/08/2012
(87) International Publication No :WO 2013/029096
(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)KHOURY Edward Joseph

(57) Abstract :
A kettle (10) comprising a base (12) and a frame (18) pivotally mounted relative to the base (12). The frame (18) includes first electrical contacts connectable to a power source and a vessel (16) is receivable in and removable from the frame (18). The vessel (16) includes an internal element (60) in connection with second electrical contacts and an opening (40) from which liquid can be poured. When the vessel (16) is received in the frame (18) the first electrical contacts make connection with the second electrical contacts such that power is supplied to the internal element (60) to heat water within the vessel (16). Pivoting of the vessel (16) and frame (18) relative to the base (12) allows pouring of liquid from the opening.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2423/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS FOR PREPARING SULFATES AND/OR SULFONATES IN A MICRO REACTION SYSTEM

(51) International classification :C07C303/06,C07C303/24,C07C305/10
(31) Priority Document No :11179488.9
(32) Priority Date :31/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066231
Filing Date :21/08/2012
(87) International Publication No :WO 2013/030035
(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 :
Suggested is a process for preparing sulfates and/or sulfonates by adding sulfur trioxide to a compound comprising at least one hydroxyl function and/or at least one double bond which is characterized in that (i) the reaction is performed in a micro reaction system (µ reactor) (ii) the sulfation/sulfonation agent used is a liquid sulfur trioxide and (iii) the reaction is conducted in the presence of 0 to 20 Vol. % of air inert gas or organic solvents.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2495/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :02/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CALCULATING AN INTRAOCULAR LENS (IOL) POWER ACCORDING TO A DIRECTLY DETERMINED IOL LOCATION

(51) International classification :A61B3/10
(31) Priority Document No :13/276965
(32) Priority Date :19/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059462
Filing Date :10/10/2012
(87) International Publication No :WO 2013/059041
(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 certain embodiments calculating intraocular lens (IOL) power includes determining locations of parts of an eye along an axis of the eye. The locations include the location of a cornea the anterior and posterior locations of a crystalline lens and the location of a retina. An IOL location of an IOL is calculated according to the anterior and posterior locations of the crystalline lens. Corneal data is also determined. The IOL power is calculated using the corneal data the IOL location and the retinal location. In certain embodiments refractive indices are determined for segments of the axis and at least one location is adjusted according to the refractive indices.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2496/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SPERM PROTEIN AS A DETECTION BIOMARKER OF EARLY STAGE OVARIAN CANCER

(51) International classification :C12Q1/68,C12N15/11,G01N33/574
(31) Priority Document No :61/535309
(32) Priority Date :15/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054914
Filing Date :12/09/2012
(87) International Publication No :WO 2013/040071
(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 :
This disclosure provides a method for determining if a patient is likely to or not likely to experience ovarian cancer utilizing SP17 as a biomarker. It also provides methods and therapies to treat patients identified as at risk for ovarian cancer or alternatively as identified as having a poorer prognosis.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2497/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INKJET INK INKJET RECORDING METHOD AND INKJET RECORDING APPARATUS

(51) International classification :C09D11/00,B41J2/01,B41M5/00
(31) Priority Document No :2011226368
(32) Priority Date :14/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/077018
Filing Date :12/10/2012
(87) International Publication No :WO 2013/054948
(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)YOKOHAMA Yuuki

(57) Abstract :
An inkjet ink of the present invention including: water; an organic solvent; a surfactant; and a colorant wherein the organic solvent comprises the following (1) (2) and (3) : (l)at least one polyhydric alcohol having an equilibrium moisture content of 30% by mass or higher at a temperature of 23°C and humidity of 80%RH; (2) an amide compound expressed by the Structural Formula (I); (3) a compound expressed by the Structural Formula (II); a compound expressed by the Structural Formula (III) or a compound represented by the General Formula (I) or any combination thereof.

No. of Pages : 138 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2350/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : MACHINE FOR THE TREATMENT OF FABRICS NETS GAUZES FELTS NON WOVEN FABRICS AND OTHER PIECE OR SHEET MATERIAL

(51) International classification :D06B3/28,D06B23/00,F04D13/00
(31) Priority Document No :MI2011A001553
(32) Priority Date :29/08/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/054138
Filing Date :14/08/2012
(87) International Publication No :WO 2013/030705
(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)CROTTA Emanuele

(57) Abstract :
The machine (1) for the treatment of fabrics according to the invention comprises a treatment tank (3) arranged for containing the fabric or other material to be treated (TC) and a treatment liquid. The head losses that the treatment liquid undergoes along the different collecting ducts (37A 37B) between the treatment tank (3) and the relative entry nozzle (370A 370B) in the collector (39) mutually differ at most of ± 10% of the losses themselves. The head losses that the treatment liquid undergoes between each entry nozzle (370A 370B) in the collector (39) and the entry (410) in the chamber (41) of the pump impeller differ at most of ± 10% between the various entry nozzles (370A 370B). The level of liquid on the bottom of the tank (3) is more even and it is thus possible to make the machine (30) work with very low bath levels.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2351/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTROPHOTOGRAPHIC TONER DEVELOPER CONTAINING THE TONER AND IMAGE FORMING APPARATUS

(51) International classification :G03G9/087,G03G9/08
(31) Priority Document No :2011199343
(32) Priority Date :13/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073969
Filing Date :12/09/2012
(87) International Publication No :WO 2013/039255
(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 electrophotographic toner including: a binder resin wherein the binder resin has one glass transition temperature Tg and the glass transition temperature Tg of the binder resin is within 25°C to 65°C as measured in second heating with a differential scanning calorimeter at a heating rate of 5 °C/min and wherein a phase image of the binder resin obtained with an atomic force microscope (AFM) of tapping mode contains first phase difference regions and a second phase difference region such that the first phase difference regions are dispersed in the second phase difference region where the first phase difference regions correspond to greater phase difference regions and the second phase difference region corresponds to a smaller phase difference region when an intermediate value between a maximum value and a minimum value of the phase differences is used as a threshold.

No. of Pages : 168 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2427/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CENTRIFUGAL COMPRESSOR MACHINE AND METHOD FOR PREVENTING SURGE THEREIN

(51) International classification :F04D27/02,F04D17/10,F04D25/08
(31) Priority Document No :2011218955
(32) Priority Date :03/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075513
Filing Date :02/10/2012
(87) International Publication No :WO 2013/051559
(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)NISHIYAMA Naoki
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6)MORIGUCHI Masashi

(57) Abstract :
Provided are a centrifugal compressor (12) for centrifugally compressing a gas (1) an electric motor (14) for rotatably driving the centrifugal compressor a current detector (16) for detecting a drive current (I) of the electric motor and an exhaust valve (18) for exhausting a compressed gas (2) to a lower pressure section (3). (A) The drive current (I) is detected at a sampling frequency (ts); (B) the value (moving average) n—(standard deviation) where n is a positive number from 3 to 4 and for which a plurality of drive currents measured at a sampling interval (tp) serves as a population is updated as a current threshold in real time; (C) it is determined that a surge has occurred when the exhaust valve (18) is closed and the drive current (I) is below the current threshold (X); and (D) in the event that a surge has occurred the exhaust valve (18) is opened for exhausting the compressed gas (2).

No. of Pages : 60 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2583/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :13/09/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR DETECTING LIVENESS IN IRIS OF AN EYE

(51) International classification :G06K
(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)Aditya S. Abhyankar

(57) Abstract :
Vulnerabilities in biometric systems including spoofing have emerged as an important issue. The present invention relates to a method for detecting liveness in iris of an eye. The method enables in characterization of live - iris pattern in a time-series of iris images for liveness detection. By using information in the high pass bands of the images the similarity score for the two images is calculated to determine the uniqueness of the live-iris pattern. In the method of the present invention wavelet-based approach is used and the live-iris pattern is characterized by its energy distribution in the decomposed wavelet sub-bands. The similarity match technique is based on Kullback-Leibler distance, which is used to decide uniqueness associated with the LivIris pattern.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2311/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR COMMUNICATIONS IN LOW POWER WIRELESS NETWORKS

(51) International classification :H04L27/26
(31) Priority Document No :61/544775
(32) Priority Date :07/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/068262
Filing Date :31/12/2011
(87) International Publication No :WO 2013/052079
(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 :
Embodiments may comprise an orthogonal frequency division multiplexing (OFDM) system operating in the 1GHz and lower frequency bands. In many embodiments the physical layer logic may implement orthogonal frequency division multiplexing symbols encoded with 32 sub carriers such as twenty data sub carriers four pilot sub carriers seven guard sub carriers and one direct current (DC) sub carrier. Many embodiments may transform the orthogonal frequency division multiplexing symbols between frequency and time domains with a 32 point fast Fourier transform or inverse fast Fourier transform. Some embodiments may up convert and transmit a communication signal with the orthogonal frequency division multiplexing symbols at one megahertz. Further embodiments may receive and detect communications signal with the orthogonal frequency division multiplexing symbols at one megahertz.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2312/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INFORMATION PROCESSING APPARATUS METHOD AND PROGRAM

(51) International classification :G06F17/21,G06F3/048,G06F13/00
(31) Priority Document No :2011219156
(32) Priority Date :03/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006116
Filing Date :26/09/2012
(87) International Publication No :WO 2013/051218
(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)MORIYA Shoichiro

(57) Abstract :
An information processing apparatus may include a processing unit to control layout of article information on a display where the layout is to include a plurality of display areas the display areas include first and second text display areas and a number of characters to be displayed in the first and second text display areas is determined respectively by a size of the first and second text display areas.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2388/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MEDICATION MANAGEMENT SYSTEM AND METHOD

(51) International classification :G04G11/00,A61J7/04
(31) Priority Document No :61/545607
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055418
Filing Date :08/10/2012
(87) International Publication No :WO 2013/054245
(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)LACROIX Joyca Petra Wilma

(57) Abstract :
A medication management system (100) comprises a portable device (10) attachable to a user (30) and a medication dispenser (20). The portable device comprises a lighting means (50) for providing a visual stimulus (55) to indicate an approaching medication intake moment or period. The medication dispenser (20) comprises further lighting means (40 41) for providing a further visual stimulus (45) to draw the attention of the user. The visual stimulus and the further visual stimulus have a same predetermined color and the visual stimulus (55) is provided a predetermined time before the medication dispenser provides the further visual stimulus (45).

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2010
(21) Application No.3097/CHE/2010 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL POLYMORPH OF TENOFOVIR DISOPROXIL

(51) International classification :C07F
(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 provides a novel crystalline form of tenofovir disoproxil, process for its preparation and pharmaceutical compositions comprising it. The present invention also provides a process for the purification of tenofovir disoproxil fumarate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2010
(21) Application No.3098/CHE/2010 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : OPTICAL RESOLUTION OF 2-HYDROXY-3-METHOXY-3,3-DIPHENYLPROPANOIC 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	

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(57) Abstract :
The present invention relates to process for optical resolution of 2-hydroxy-3- methoxy-3,3-diphenylpropanoic acid. Thus, for example, reacting racemic 2-hydroxy-3- methoxy-3,3-diphenylpropanoic acid with S-(-)-1-(1-naphtyl)ethylamine in acetone to obtain corresponding diastereomer salts. The diastereomeric salts were subjected to fractional crystallization to obtain (S)-2-hydroxy-3-methoxy-3,3-diphenylpropanoic acid ,S-(-)-1-(1-naphthyl)ethylamine. The separated isomer was dissolved in a mixture of water and methyl tert-butyl ether and pH was adjusted to 1.1 with concentrated hydrochloric acid to obtain (S)-2-hydroxy-3-methoxy-3,3-diphenylpropanoic acid.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2309/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MULTICAST/BROADCAST SERVICE CONTINUITY IN MULTI CARRIER NETWORKS

(51) International classification :H04B7/26,H04W4/06
(31) Priority Document No :61/542086
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057483
Filing Date :27/09/2012
(87) International Publication No :WO 2013/049301
(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 :
Embodiments of the present disclosure describe devices methods computer readable media and systems configurations for management and/or support of multimedia broadcast multicast service (MBMS) service in a wireless communications network. An evolved Node B (eNB) may transmit MBMS assistance information to a user equipment (UE). The MBMS assistance information may identify a carrier by which one or more upcoming MBMS services are to be provided and an indicator of a carrier selection mode to be used by the UE. The UE may transmit an MBMS interest indication message including information related to one or more targeted MBMS services which the UE wants to receive.

No. of Pages : 25 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2385/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DIMMABLE LUMINARY FEATURING COLOUR CHANGE DURING DIMMING

(51) International classification :H05B37/02,A61M21/02
(31) Priority Document No :61/546631
(32) Priority Date :13/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055266
Filing Date :02/10/2012
(87) International Publication No :WO 2013/054228
(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)VAN DE WOUW Inge

(57) Abstract :
A wake up lamp system (100; 1000) comprises: a light source (130) having a nominal light output intensity (Lmax); and a control device (110) for controlling the light source the control device receiving a clock signal from a clock device (120). The control device when operating in a wake up mode controls the light source such that its light output intensity is gradually increased from a minimum intensity value (Lmin) to a maximum intensity value (Lmu) and such that the colour point of the light output is gradually changed to travel a predefined chromaticity path with the position of the colour point on said chromaticity path being set as a function of the light output intensity. Said chromaticity path has a starting point having a colour temperature between 400K and 1500K associated with the minimum intensity and an end point having a colour temperature higher than 2700K associated with the nominal intensity.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2386/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MEDICAL PROBE WITH MULTI FIBER LUMEN

(51) International classification :A61B5/00
(31) Priority Document No :61/546696
(32) Priority Date :13/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055449
Filing Date :09/10/2012
(87) International Publication No :WO 2013/054254
(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 medical probe which consists of a cannula with a multilumen stylet inside. The multilumen contains at least two lumen. Both the multilumen as well as the cannula may have beveled ends. In the lumen straight optical fibers (i.e.no angle end face) are present that can be connected at the proximal end to a console. The cannula multilumen fiber system forming the medical probe comprises at least in one of the lumen of the multilumen more than one optical fiber. Preferably the source and detector fibers for the fluorescence detection are contained in one single lumen of the multilumen.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2456/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMAGE DECODING DEVICE IMAGE DECODING METHOD AND IMAGE ENCODING DEVICE

(51) International classification :H04N7/32
(31) Priority Document No :2011215475
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075200
Filing Date :28/09/2012
(87) International Publication No :WO 2013/047811
(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 efficient encoding/decoding process that reduces the size of encoded images when using asymmetric partitioning and takes advantage of the properties of asymmetric partitioning is implemented. An image decoding device that is provided with a motion compensation parameter derivation unit that derives a motion compensation parameter that indicates a prediction scheme namely either unidirectional or bidirectional prediction. If the size of prediction units is less than or equal to a prescribed size the motion compensation parameter derivation unit switches prediction schemes for the derivation of the motion compensation parameter.

No. of Pages : 444 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3763/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :26/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM TO NOTIFY USER MACHINE FROM OPERATING MACHINE AND ACKNOWLEDGE OR TAKE CORRECTIVE ACTIONS

(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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(57) Abstract :
In view of the foregoing, an embodiment herein provides a method and system to send an alert for important and/or emergency notification from one machine to another machine through a notification server. The notification server can communicate an alert and/or event change to the software application installed on the receiving machine which is easily accessible to the concerned person to acknowledge or to take corrective actions if any. Users device can receive the notification and play pre-configured sounds for different types of notifications.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2014
(21) Application No.2434/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : EVENT SERVICE FOR LOCAL CLIENT APPLICATIONS THROUGH LOCAL SERVER

(51) International classification :G06F9/06,G06F9/44,G06F15/16
(31) Priority Document No :61/546049
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059832
Filing Date :11/10/2012
(87) International Publication No:WO 2013/055973
(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)BECKMAN Brian C.
4)ISAACS Scott
5)BEN ITAY Meir
6)YARIV Eran
7)Y ARCAS Blaise Aguera

(57) Abstract :
In server/client architectures the server application and client applications are often developed in different languages and execute in different environments specialized for the different contexts of each application (e.g. low level performant platform specialized and stateless instructions on the server and high level flexible platform agnostic and stateful languages on the client) and are often executed on different devices. Convergence of these environments (e.g. server side JavaScript using Node.js) enables the provision of a server that services client applications executing on the same device. The local server may monitor local events occurring on the device and may execute one or more server scripts associated with particular local events on behalf of local clients subscribing to the local event (e.g. via a subscription model). These techniques may enable development of local event services in the same language and environment as client applications and the use of server side code in the provision of local event service.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2507/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR ARRANGING PEERS IN A LIVE STREAMING P2P NETWORK

(51) International classification :H04L29/08
(31) Priority Document No :11509205
(32) Priority Date :05/10/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2012/069509
Filing Date :03/10/2012
(87) International Publication No :WO 2013/050400
(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)ESSAYADI Fouad

(57) Abstract :
The present invention relates to a method and device for arranging peers in a P2P network. To this end a request is received from a peer entering the network to receive data content. Thereafter a latency is determined with which the entering peer is to receive the data content with respect to a real time playback point of the data content distributed by the streaming source. After the latency has been determined the entering peer is provided with a plurality of randomly selected peers from which the requested data content can be downloaded with an expected probability depending on the determined latency. Thus the entering peer is enabled to download with the expected probability the requested data content from a selected one of the randomly selected peers having a lower latency than that determined for the entering peer. Hence by carefully selecting an appropriate latency for the entering peer the possibility of having the entering peer download from one of its neighbouring peers can be increased. Analogously this decreases the risk of having a peer download the data content from the streaming source.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3857/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :29/08/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING AND EXTRACTING INTERACTIVE ANNOTATIONS FOR OBJECTS APPEARING IN REAL-TIME IMAGES ON A NETWORK ENABLED MOBILE IMAGING DEVICE

(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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(57) Abstract :
The present invention provides a system and computer implemented method for creating and extracting interactive annotations for objects, wherein the method comprising of capturing an image with objects of users interest using a network enabled mobile image device, annotating the captured image with meta-tag, assigning geo-markers for the annotated image, uploading annotated image along with computed location to a remote server, viewing users vicinity and capturing an image using the device, extracting objects and geographical markers of the image from the device, computing location from the geo markers, generating a subset of archived objects whose computed location are within a defined proximity of the users captured image to identify all those objects on the users image, super-imposing those meta-tags of the archived images on the users image for respective objects, accessing meta-tag on the users image to learn more about any object seen, and initiating a transaction using the meta-tag.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2276/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : SHAFT SEALING DEVICE AND ROTATING MACHINE COMPRISING SAME

(51) International classification :F16J15/22,F01D11/00,F01D25/00
(31) Priority Document No :2011234825
(32) Priority Date :26/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/077584
Filing Date :25/10/2012
(87) International Publication No :WO 2013/062040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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7)TAKAMURA Keita

(57) Abstract :
This shaft sealing device is provided in an annular space between a rotor and a stator surrounding the outer periphery of the rotor and divides the annular space in the axial direction of the rotor into a high pressure region and a low pressure region. The shaft sealing device is provided with a rigidity imparting means for imparting axially directed rigidity to a part of a surface facing the high pressure region on a high pressure side plate the rigidity imparting means being provided with: a sealer obtained by layering in the peripheral direction of the rotor a plurality of thin sheet sealing pieces extending out from the stator toward the radial inside of the rotor; and the high pressure side plate which extends radially inward from the stator so as to run along the high pressure side of the sealer and is segmented into a plurality in the peripheral direction.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2424/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : WEBPAGE BROWSING METHOD AND DEVICE AND STORAGE MEDIUM

(51) International classification :G06F17/30
(31) Priority Document No :201110264067.2
(32) Priority Date :07/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/081082
Filing Date :06/09/2012
(87) International Publication No :WO 2013/034094
(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 Bo
3)SHEN Jinlong
4)LI Xuefeng

(57) Abstract :
Disclosed are a webpage browsing method and device and a storage medium used for solving the problem of being unable to guarantee browsing continuity when a user surfs the Internet via a browser on a mobile terminal. The embodiments of the present invention save webpage content in a non volatile memory for a mobile terminal user via an object serialization method and automatically load the webpage content accessed before for the mobile terminal user when the user opens the browser again. The embodiments of the present invention enable the browser of a mobile terminal to remember the access history and access state of a user and automatically restore the last browsing state of the user the next time the user opens the browser reducing the repetition of user input operation realizing continuous browsing when the mobile terminal user surfs the Internet through a handheld mobile terminal saving the user s time reducing network traffic and improving user experience.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2425/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM WIRELESS TERMINAL WIRELESS STATION NETWORK DEVICE AND INFORMATION COLLECTION METHOD

(51) International classification :H04W24/10,H04W36/14
(31) Priority Document No :2011218705
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075243
Filing Date :28/09/2012
(87) International Publication No :WO 2013/047835
(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)FUTAKI Hisashi

(57) Abstract :
The present invention is a wireless communication system in which a wireless terminal acquires measurement information which a network designates during an idle state period and reports the acquired measurement information during an active state period. In a first cell a first wireless station which operates the first cell of a first wireless access technology comprises a notification means for carrying out a notification to the wireless terminal of first setting information relating to the acquisition of the measurement information in the first cell and an instruction means for instructing that information relating to the measurement information which is acquired in the first cell is reported after moving to a second cell of a second wireless access technology which differs from the first wireless access technology.

No. of Pages : 90 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(21) Application No.4057/CHENP/2010 A
(19) INDIA
(22) Date of filing of Application :01/07/2010
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING SUBSTRATES IN CHAMBERS

(51) International classification :H01L21/205
(31) Priority Document No :11/968, 188
(32) Priority Date :01/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2009/070004
Filing Date :04/01/2009
(87) International Publication No :WO2009082985
(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)FAN Chunwah

(57) Abstract :
Techniques for transferring workpieces from one chamber to another chamber are disclosed. According to one aspect of the techniques, a treatment system includes a load lock chamber, a transfer chamber and one or more process chambers. The load lock chamber is provided to receive workpieces for treatment or process in one or more process chambers. The transfer chamber is provided as a mechanism to move workpieces from one chamber to another chamber. The process chamber includes a set of electrodes used to treat the workpieces with other materials. To facilitate the transfer of the workpieces, the process chamber is designed to position each of the workpieces vertically between a pair of electrodes

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2260/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUSES AND METHODS FOR FACILITATING SIMULCASTING AND DE SIMULCASTING WITH A PLURALITY OF BASE STATIONS

(51) International classification :H04W88/08
(31) Priority Document No :61/547639
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060073
Filing Date :12/10/2012
(87) International Publication No :WO 2013/059099
(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)LOTT Christopher Gerard
3)ATTAR Rashid Ahmed Akbar

(57) Abstract :
A base station simulcast controller module apparatus (1402) is adapt ed to send a message to a base station controller (1406) to direct the base station controller (1406) to send downlink packets across each of a plurality of base stations (1404A 1404B and 1404C) for simul cast with a common sector identity ID. One or more simulcasting con trol instructions may be sent to the plurality of base stations (1404A 1404B and 1404C) to facilitate simulcasting with the sector ID from the plurality of base stations (1404A 1404B and 1404C).

No. of Pages : 63 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2337/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : INTERDIGITATED CAPACITOR HAVING DIGITS OF VARYING WIDTH

(51) International classification :H01L49/02
(31) Priority Document No :13/229207
(32) Priority Date :09/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/039898
Filing Date :29/05/2012
(87) International Publication No :WO 2013/036306
(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 Parag
3)JIANG Xuewen

(57) Abstract :
An interdigitated capacitor having digits of varying width is disclosed. One embodiment of a capacitor (100) includes a first plurality of conductive digits (110) and a second plurality of conductive digits (110) positioned in an interlocking manner with the first plurality of conductive digits (110) such that an interdigitated structure is formed. The first plurality of conductive digits (110) and the second plurality of conductive digits (110) collectively form a set of digits where the width of a first digit in the set of digits (110) is non uniform with respect to a second digit in the set of digits.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2338/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE PRECURSOR AND PROCESS FOR PRODUCING LITHOGRAPHIC PRINTING PLATE

(51) International classification :G03F7/11,G03F7/00,G03F7/033
(31) Priority Document No :2011218547
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072254
Filing Date :31/08/2012
(87) International Publication No:WO 2013/047089
(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 Shota

(57) Abstract :
Provided is a lithographic printing plate precursor which is inhibited from generating development scum without lowering the development speed and which gives a lithographic printing plate having excellent nonfouling properties and ink receptibility. Also provided is a process for producing a lithographic printing plate using the lithographic printing plate precursor. The lithographic printing plate precursor comprises a support and formed thereon in the following order a photosensitive layer and a protective layer wherein the photosensitive layer comprises a sensitizing dye a polymerization initiator a polymerizable compound and a binder polymer and the protective layer comprises a polymer which comprises repeating units represented by general formula (1) and repeating units represented by general formula (2) and in which the sum of the repeating units represented by general formula (1) and the repeating units represented by general formula (2) accounts for 90 mol% or more of all repeating units that constitute the polymer. In general formulae (1) and (2) R and R each represent a hydrogen atom or methyl. R and R may be the same or different and each represent a hydrogen atom methyl or ethyl. R represents a C unsubstituted alkyl group or an alkyl group substituted by an aromatic or heterocyclic group.

No. of Pages : 104 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5704/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :11/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF INTERMEDIATES OF (1S,3S,7S,10R,11S,12S,16R)-7,11-DIHYDROXY-8,8,10,12,16-PENTAMETHYL-3-((E)-1-(2-METHYLTHIAZOL-4-YL)PROP-1-EN-2-YL)-4,17-DIOXABICYCLO[14.1.0]HEPTADECANE-5,9-DIONE

(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

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1)SRINIVASAN THIRUMALAI RAJAN
2)SAJJA ESWARAIAH
3)GHOJALA VENKAT REDDY

(57) Abstract :
The present invention relates to a novel process for the preparation of compound of general formula-10, which is an useful intermediate in the synthesis of (1S,3S,7S,10R,11S, 12S, 16R)-7,11 -dihydroxy-8,8,10,12,16-pentamethyl-3 -((E)-1 -(2-methylthiazol-4-yl)prop-1 -en-2-yl)-4,17-dioxa bicyclo[14.1.0]heptadecane-5,9-dione compound of formula-1.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2430/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :31/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : A SEAT PLACEABLE IN PUBLIC ROOMS

(51) International classification	:A47C17/16,A47C7/62,A47C13/00
(31) Priority Document No	:20115865
(32) Priority Date	:02/09/2011
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2012/000036
Filing Date	:03/09/2012
(87) International Publication No	:WO 2013/030431
(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)KOIKKALAINEN esko

(57) Abstract :
Convertible seat which can be located in public places which seat comprises a seat part (1) and a back rest (3) in which case the back rest (3) can be turned in relation to the seat part (1) mechanism (9) in order to convert the seat essentially into a horizontal plane to become a resting surface equipment in order to secure the items of the user equipment in order to collect the use charge and equipment in order to cover the seat which has been converted to become at least a resting surface to become at least a partly closed resting space in which case the equipment in order to cover the resting space comprises a covering device (16) with a standard width which can be moved from the back part of the seat forward which covering device comprises control elements (7) which are installed at the both sides of the seat to such height that a needed resting space is formed underneath the covering device (16). The seat comprises an control unit (27) which is adjusted to recognize the payment of the use charge and which is adjusted to allow the moving of the seat into a resting space on the grounds of that in which resting space the space (19) for keeping the items of the user is protected and the mentioned resting space can be closed with the covering device (16) and that the control unit (27) is adjusted move the covering device (16) away from the position which closes the resting space with the help of a regulating unit when the paid utilization time has finished.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2431/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :31/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : CU CHA/FE BEA MIXED ZEOLITE CATALYST AND PROCESS FOR THE TREATMENT OF NOX IN GAS STREAMS

(51) International classification :B01J29/80,B01D53/94,F01N3/10
(31) Priority Document No :11183983.3
(32) Priority Date :05/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/055337
Filing Date :04/10/2012
(87) International Publication No :WO 2013/050964
(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)ZIMMERMANN Svetlana

(57) Abstract :
The present invention relates to a catalyst preferably for use in selective catalytic reduction (SCR) said catalyst comprising one or more zeolites of the BEA structure type one or more zeolites of the CHA structure type and optionally one or more zeolites of the MFI structure type wherein at least part of the one or more zeolites of the BEA structure type contain iron (Fe) wherein at least part of the one or more zeolites of the CHA structure type contain copper (Cu) and wherein at least part of the optional one or more zeolites of the MFI structure type contain iron (Fe). Furthermore the present invention concerns an exhaust gas treatment system comprising said catalyst as well as a process for the treatment of a gas stream comprising NO using said catalyst as well.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5710/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :11/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CLUSTERING ALARM EVENTS

(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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2)CUDDIHY, PAUL EDWARD
3)SZUDAJSKI, THOMAS GILES

(57) Abstract :
A method generating a set of clustered real-time alarms includes receiving an alarm log having a plurality of entries corresponding to a plurality of alarms and determining a plurality of episodes of at least one alarm from the plurality of alarms. The method also includes determining a cluster of co-occurring alarms corresponding to each episode, to generate a plurality of clusters of co-occurring alarms. The method further includes identifying at least one set of clustered alarms from the plurality of clusters of co-occurring alarms. The method includes determining a causal alarm from the at least one set of clustered alarms and determining a cluster of correlated alarms associated with the casual alarm, from the at least one set of clustered alarms. The method also includes filtering a plurality of real-time alarms based on the cluster of correlated alarms to generate a set of clustered real-time alarms.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2281/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DATA COMMUNICATION METHOD AND MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W
(31) Priority Document No :.
(32) Priority Date :05/08/2011
(33) Name of priority country :Argentina
(86) International Application No :PCT/JP2006/315755
Filing Date :09/08/2006
(87) International Publication No :WO 2008/018130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :
Filed on :01/01/1900

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4)FUKUI Noriyuki
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6)TAKANO Michiaki
7)FUJIE Ryoichi
8)TANI Shigenori
9)OKUBO Akira
10)OZAKI Keisuke

(57) Abstract :
A data communication method executed in a communication system comprising a base station and mobile terminals. The base station can change frequency bandwidths to be used for transmitting broadcast data to provide one to many broadcast communication services and used for transmitting individual communication data to provide one to one individual communication services. Each mobile terminal can change receivable bandwidths to be used for receiving at least the broadcast data and individual communication data transmitted from the base station. A determination as to whether a requested content which is requested by the mobile terminal can be received among the contents provided by the broadcast communication services is implemented based on a frequency bandwidth used for transmitting the requested content. The mobile terminal therefore can determine whether a particular E MBMS content can be received taking into account its own UE position.

No. of Pages : 78 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2355/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AD HOC DISCOVERY AND SELECTION OF PRINTERS FOR PRINT JOBS

(51) International classification :G06F3/12
(31) Priority Document No :13/310239
(32) Priority Date :02/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051749
Filing Date :21/08/2012
(87) International Publication No :WO 2013/081687
(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)SWEET Michael R.

(57) Abstract :
The disclosed embodiments provide a system that performs a print job. During operation the system detects a printer in proximity to a portable electronic device associated with the print job. Next the system establishes a peer to peer connection between the portable electronic device and the printer and uses the peer to peer connection to obtain a set of printer attributes from the printer. If the printer attributes match the print job the system establishes a direct connection between the printer and the portable electronic device and sends the print job to the printer over the direct connection wherein the print job is executed using the printer.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2665/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :19/06/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : WATER SOLUBLE COMPOSITIONS FOR TREATING HAIR LOSS & PROMOTING HAIR GROWTH

(51) International classification :A61K8/00
(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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6)Dr. RAJAN SHARMA

(57) Abstract :
In view of the foregoing, an embodiment herein provides a composition, hitherto unknown, a combination of a hair growth stimulant and a multifunctional compound which not only prevents hair loss but also stimulates new hair growth. According to an embodiment, hair growth composition comprising a hair growth stimulant and a multifunctional compound to form water soluble salt, wherein the hair growth stimulant selected is a derivative of pyrimidine-3-oxide. According to an embodiment, a method for preparing water soluble salt is provided. According to an embodiment, a method for preventing hair loss and stimulating new hair growth is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012
(21) Application No.2981/CHE/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FOOD COMPOSITION COMPRISING BROCCOLI EXTRACTS

(51) International classification	:A61K36/00
(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)C.S., VIVEKBABU
4)SUJIT, PETER
5)DIXIT, AJAY KUMAR

(57) Abstract :
The present disclosure relates to novel food composition comprising broccoli extracts aimed at the management of cardiovascular health. The present disclosure also provides a process of production of these heart-healthy food compositions and food products comprising broccoli extracts which inhibit human pancreatic lipase activity.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5739/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :12/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : CLOUD BASED SYSTEM FOR MANAGING THE FIELD DEVICES AND CONTROLLERS AND A METHOD THEREOF

(51) International classification :G06C
(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)RITESH YANAPPA

(57) Abstract :
A system for managing the field devices and controllers in a building has a set of field devices placed on site in a building, and configured with a set of physical controllers through respective input/output modules. A set of cloud controllers is configured with the physical controllers as simulators or simulated controllers for the selected physical controllers. A resource managing system/BMS is configured with the physical controllers and the cloud simulated controllers such that, during failover or upgrade of physical controllers, the simulated controllers in the cloud act as the standby to the selected physical controllers. The input/ output module detects the failure in the physical controllers and automatically switches the connection of the field devices to the respective simulated controllers in the cloud.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2299/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : WIRELESS DOCKING LINK EFFICIENCY IMPROVEMENT SYSTEM

(51) International classification :H01Q1/24,G06F1/16
(31) Priority Document No :61/545289
(32) Priority Date :10/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055295
Filing Date :03/10/2012
(87) International Publication No :WO 2013/054232
(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)HOLTMAN Koen Johanna Guillaume
2)DRAAIJER Maurice Herman Johan

(57) Abstract :
A wireless docking system in a shared radio spectrum environment including: a docking station (320) configured with a radio (322) connected to an antenna (324); a dockee (310) configured with a radio (312) connected to an antenna (314) and using a radio standard with a carrier sensing mechanism for communication with the docking station; and an antenna efficiency reduction device (328) that reduces the sensitivity of the carrier sense mechanism in the dockee when the dockee is physically docked with the docking station.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2371/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HOLOGRAM

(51) International classification :G03H1/04
(31) Priority Document No :1115208.9
(32) Priority Date :02/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052138
Filing Date :31/08/2012
(87) International Publication No :WO 2013/030586
(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)HALL Simon Richard Geoffrey
2)STEVENS Richard Frederick

(57) Abstract :
A substrate includes a diffracting structure providing a hologram (20 6). The diffracting structure encodes a holographic image so that thatholographic image is produced in response to reference light being incident on a major surface of the substrate at an angle of incidence with respect to the said major surface of the substrate wherein the angle of incidence is no more than 20°.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2441/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :01/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : DELIVERY OF POSTAL ITEMS BY PARTICIPANTS OF A DELIVERY SERVICE

(51) International classification :G06Q10/08
(31) Priority Document No :10 2011 084 282.9
(32) Priority Date :11/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/070102
Filing Date :11/10/2012
(87) International Publication No :WO 2013/053782
(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)ROHMANN Manuela
2)SCHLAGHECKEN Georg
3)WEGNER Martin
4)HANSER Jrg

(57) Abstract :
The invention relates to a method for delivering a postal item to a destination address wherein the postal item is provided at a service base to a plurality of service bases. In the method (i) a first participant of a service is selected for the service from a plurality of registered participants on the basis of an allocation of the participant to the service base (ii) an inquiry is sent to the selected first participant and an acceptance message to the inquiry of the participant is received and (iii) in response to receiving the acceptance message the postal item is handed over at the service base to the first participant for transport to the destination address on at least a section of a transmission route.

No. of Pages : 59 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2995/CHE/2010 A
(19) INDIA
(22) Date of filing of Application :11/12/2010
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR THE LARGE SCALE MANUFACTURING OF GRAPHENE POLYHEDRAL STRUCTURES

(51) International classification :C01B
(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)Ashish Dev

(57) Abstract :
Method for the Large Scale Manufacturing of Graphene Polyhedral Structures The present invention disclosed a method for manufacturing Graphene polyhedral structures by using chemical vapor deposition (CVD) of methane as precursor gas and a mixture of alkaline earth metal and transition metal as catalyst The Graphene nanosheets formed in the present invention have hollow, porous, multi-wall carbon nanospheres or polyhedral structures with a narrow size distribution and an average particle size of approximately 80 nm and an average aspect ratio close to 7:5

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5782/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :13/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SMART SHOPPING CART FOR AUTOMATED BILLING PURPOSE USING WIRELESS SENSOR NETWORKS

(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 :**
1)DEBABRATA DAS
2)JYOTSNA BAPAT
3)SANCHITA ROY
4)UDITA GANGWAL

(57) Abstract :
The present invention relates to a Wireless Sensor Networks (WSN) based smart shopping system for places such as supermarkets and the like areas. Specifically, the present invention relates to implementation of a reliable, cost-efficient, fair and energy-efficient smart shopping cart using Wireless Sensor Networks. Further, the system helps in automating the billing process thereby avoiding long queue for checking-out customers shopped items. The system enables calculation and revision of the customer bill as and when she or he places the shopped products in the shopping cart. The system further enables the customer to track details of the purchased products and current bill amount on a monitor attached to the shopping cart. Moreover, the system ensures and detects the cases of deception invoked by customers, which makes the smart system fair and attractive to both the buyers and the sellers.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2013
(21) Application No.5875/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR SOFTWARE ANALYTICS USING BUSINESS INTELLIGENCE

(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)GIRISH MASKERI RAMA
2)DEEPTHI KARNAM

(57) Abstract :
The present invention describes a method and system for software analytics using business intelligence. The method includes receiving application parameters from a user for an application. The method also includes receiving, data related to the application based on the received application parameters. The method further includes designing an orthogonal dimension model for the application based on the received application parameters; and modeling the received data into the designed orthogonal dimensional model.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5876/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHODS FOR ANALYZING SOCIAL NETWORK CONTENT OF A KEY INFLUENCER

(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)SHAURABH BHARTI
2)JAI GANESH
3)NISHTHA SRIVASTAVA

(57) Abstract :
The technique relates to a system and method for analyzing content associated with one or more influencers of at least one social network. This technique involves identifying key influencers of at least one social network with respect to a topic of interest. Thereafter, an overall topic cloud and an influencer topic cloud for each key influencer is created and analyzed. The overall topic cloud and an influencer topic cloud are compared to cross-verify if the identification of the key influencers is correct. After that, volume of social interaction of the key influencers with respect to the topic of interest are determined and visualized.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5877/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A METHOD AND A SYSTEM TO IDENTIFY KEY LOGGING ACTIVITIES

(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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(72)**Name of Inventor :**
1)DR. ASHUTOSH SAXENA
2)HARIGOPAL K.B. PONNAPALLI
3)KRISHNA CHAITANYA T.

(57) Abstract :
The present disclosure discloses a method and a system to identify key logging activities. The method comprises triggering of atleast one cloud computing network by opening of atleast one browser of one or more digital device, generating of atleast one proof by the cloud computing network and sending the generated proof to the sanitizer , triggering of the sanitizer by opening of the browser of the digital device to generate one or more random sequence of keystrokes , generating atleast one malicious list by the sanitizer by capturing the system processes that capture the randomly generated keystrokes , updating the cloud computing network by the sanitizer with the generated malicious list, retrieving of proof by each of the system processes, verifying of the fetched proof of the system process by the proof checker and updating the cloud computing network with the restricted system processes by the proof checker.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5878/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING GRAPHICAL DYNAMIC USER AUTHENTICATION AND DEVICE ACCESS

(51) International classification	:G06F 21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. ASHUTOSH SAXENA
2)SRAVAN KUMAR R.

(57) Abstract :
The technique relates to a system and method for providing graphical dynamic user authentication and device access. The method involves maintaining a database in an electronic device having plurality of entities in a plurality of fields then prompting at least one user to generate atleast one action rule at the time of first usage of the electronic device by selecting an entity among the plurality of entities from one or more of the plurality of fields thereafter storing the atleast one action rule in a repository of the electronic device then prompting the at least one user to apply the atleast one action rule at the time of unlocking and finally granting the at least one user an access to the electronic device if the atleast one applied action successfully passes the rule identical to the atleast one stored action rule for the user.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(21) Application No.4789/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :23/10/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DYNAMIC RAPID APPLICATION DEVELOPMENT FRAMEWORK

(51) International classification	:G06F	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)N.JAYASANKAR**
(32) Priority Date	:NA	Address of Applicant :ROYAL GARDEN, B4/F1, 12 PARK AVENUE, KESAVAPERUMALPURAM, CHENNAI - 600028, Karnataka India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)N.JAYASANKAR**
(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 discloses a dynamic rapid application development framework which enables professionally build web based business application to automate business process. A method of the dynamic rapid application development framework comprising: creating and designing a web page by selecting tables and views in a database, building and running a web page by controlling all running programs, changing database schema based on an application selected by a user and creating optimal page layout for customizing web pages. The framework involves readily customizable and deployable application which can be connected to the existing server. The framework can also be used by non-professionals to work on the business application to build a consistent look web based application. Further the framework also reduces the cost of development and deployment.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5740/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :12/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : MEMS BASED SENSOR FOR MEASURING ACOUSTIC PRESSURE

(51) International classification :G01P
(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)CHITTAYIL RAMESAN LEKHA
3)SHEENA ABRAHAM
4)SUDARSHAN MADHAV HARDAS

(57) Abstract :
The disclosure relates to a MEMS based acoustic sensor for high precision acoustic measurements comprising of a silicon wafer incorporating a silicon diaphragm with a closed cavity under the diaphragm. A Pyrex glass is preferably bonded to the silicon wafer. A vent canal is formed to allow the movement of air in and out of the cavity. Two metal electrodes sandwich a piezoelectric layer at the top of the assembly. The electrodes form a central capacitor and a rim capacitor. The assembly is followed by a charge to voltage converter and a voltage amplifier. The invention is useful in high precision acoustic measurements of launch vehicles, aircrafts and structural test facilities.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5744/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :12/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM FOR DETERMINING AN ILLEGITIMATE THREE DIMENSIONAL VIDEOS AND METHOD THEREOF

(51) International classification :G06C
(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)SACHIN MEHTA
2)DR. RAJARATHNAM NALLUSAMY

(57) Abstract :
The present invention relates to a computer-implemented method, system and computer readable medium for determining illegitimate three dimensional videos. Methods are disclosed for efficient scene mapping process employed during the watermark extraction stage using non-blind watermarking methods, for example, singular value decomposition (SVD). Watermarks are embedded in a dual mode by treating the center video and depth video as separate channels of a three dimensional video.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5881/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : LOAD FREQUENCY CONTROL OF TWO AREA INTERCONNECTED POWER SYSTEM USING HYBRID NEURO FUZZY CONTROLLER

(51) International classification :H04M
(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)S. SIVABALAN
(72)**Name of Inventor :**
1)T.S. VINAYAGANATARAJ
2)S. SIVABALAN

(57) Abstract :
In this paper a new load frequency controller for two area interconnected power system is presented to minimise the deviations in frequency and tie line interchange power due to sudden load disturbances. This paper proposes a new control approach of Artificial Intelligence (AI) technique using Hybrid Neuro Fuzzy (HNF) approach to solve the problem in two area systems. The results of HNF controller in the two area power system and its performance is compared with other controllers .The advantage of HNF controller is the improved dynamic response and at the same time faster than conventional controller. Keywords; Load Frequency Control (LFC), Dynamic Response, Proportional Integral (PI) Controller, Fuzzy Logic Controller (FLC),Hybrid Neuro-Fuzzy(HNF)Controller.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5883/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR TRACKING USED HEAP PAGE, METHOD FOR DUMPING HEAP PAGE, METHOD FOR DEBUGGING CORE-FILE AND APPARATUS

(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)VENKATESH, R PRASANNA
2)MARIYAPPA, NAYANA
3)SHAHI, AMAN

(57) Abstract :
The present invention discloses a method for tracking used heap page, a method for dumping heap page, a method for debugging a core-file and apparatuses. The method for tracking used heap page includes: returning (101), by a processor, a memory pointer indicating an allocated memory to a process during memory allocation, wherein all heap pages in the allocated memory are set as read-only; detecting (102), by the processor, there is a page fault when the process tries to write data into a heap page in the allocated memory according to the memory pointer; setting (103), by the processor, the heap page corresponding to the page fault as read-write, so that the process can write data into the heap page, and marking the heap page corresponding to the page fault as a used heap page. According to the above methods and apparatus provided by the present invention, whether a heap page is unused can be determined, thereby dumping the unused heap pages to the core-file can be avoided, and the size of the debug data can be reduced.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2288/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :26/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ELECTROSURGICAL DEVICE WITH OFFSET CONDUCTIVE ELEMENT

(51) International classification :A61B18/14,A61B17/34
(31) Priority Document No :13/249908
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050591
Filing Date :27/08/2012
(87) International Publication No :WO 2013/044378
(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)TEMELLI Deniz
2)GODARA Neil

(57) Abstract :
A device for forming a lesion includes a hub defining a passageway therethrough and having a mounting structure at one end of the passageway and a shaft attached to the hub and defining lumen therethrough having a longitudinal axis. The shaft has a proximal end attached to the hub in communication with the passageway and a distal end extending away from the hub. The shaft includes an electrically conductive material on at least a portion of an inner surface and an electrically conductive material on at least a portion on an outer surface. A conductive member has a longitudinal axis and is attached to a mounting structure mateable with the mounting structure of the hub so that the conductive member extends through the passageway into the lumen so that at least near the hub the conductive member longitudinal axis is spaced from the lumen longitudinal axis thereby assisting in creating electrical contact between the conductive member outer surface and the shaft inner surface.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2362/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SADDLE TYPE VEHICLE

(51) International classification :B62J11/00,B62J23/00,B62J99/00
(31) Priority Document No :2012047114
(32) Priority Date :02/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055010
Filing Date :26/02/2013
(87) International Publication No :WO 2013/129421
(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)FUJIHARA Kiyotaka
3)MATSUI Yasumasa
4)KUSANO Takuhei
5)KURIKI Daisuke
6)TAKIZAWA Kota
7)SEKIYA Daisuke

(57) Abstract :
This saddle type vehicle contains: a front fork (7) for supporting a front wheel (6) in a rotatable manner; a steering shaft (9) connected to the front fork (7) and supported by a vehicle frame (11) in a steerable manner; a handle holder (40) which has a bottom holder (41L) and a top holder (42L) coming into contact with the bottom holder (41L) from the top and fastened to the bottom holder (41L) and which is disposed above the steering shaft (9); a portable terminal holder (55) fastened to the top holder (42L) or the bottom holder (41L) and capable of holding a portable information terminal (P); and a steering system (S) in which a handle pipe (10) sandwiched between the bottom holder (41L) and the top holder (42L) is secured to the handle holder (40).

No. of Pages : 89 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5777/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :13/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A FILTERING MECHANISM FOR SECURING LINUX KERNEL

(51) International classification :G06C
(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. DHARANIPRAGADA JANAKIRAM

(57) Abstract :
Various methods have been proposed for protecting the Linux kernel against various vulnerabilities. However, many of them require changes in the kernel itself leading to long testing and debugging periods. They also run the risks of introducing new bugs. The invention provides an alternate, safer method to do the same by providing wrappers around the kernel. This reduces the amount of testing needed since the new security code will be introduced only into the wrappers and also provides flexibility in various layers. The filters can be customized per se to suit the various security needs. The overhead incurred due to this is very low.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5778/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :13/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A FILTERING MEANS FOR TRACKING INFORMATION FLOW IN ANROID OPERATED DEVICES

(51) International classification :G06C
(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. DHARANIPRAGADA JANAKIRAM

(57) Abstract :
This invention relates to a main security features of android operating system with a data flow tracking filter that uses the message filter model to track the sensitive data in android operating system through I/O channels to provide users with enough control when the data attempts to leave the device through a network interface and expose how third party applications use their private data and to enable operating at kernel level capable of intercepting all standard channels of communication.

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2012
(21) Application No.7528/CHENP/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROSUVASTATIN CALCIUM INTERMEDIATE AND PREPARATION METHOD THEREOF

(51) International classification :C07F 9/535
(31) Priority Document No :201010162885.7
(32) Priority Date :05/04/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075519
Filing Date :28/06/2010
(87) 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)Wenqing LIN
2)Hongjie ZHENG
3)Xiaobo LIU

(57) Abstract :
A rosuvastatin calcium intermediate as shown by Formula I is prepared as follow: a) subjecting chloroethylene magnesium and R-epoxy chloropropane to Grignard reaction b) adding sodium cyanide for nucleophilic substitution reaction c) adding alcohol for alcoholysis reaction d) adding alkaline solvent for hydroxyl protection e) subjecting the mixture to oxidation reaction f) adding triphenyl phosphorus and subjecting to Wittig reaction in the presence of alkali to obtain the compound of formula I. The method has moderate reaction conditions is convenient and stable and can be applied to industrial production.

No. of Pages : 53 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5849/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :16/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : SHAPED COMPONENTS/TUBES FOR WIND TUNNEL, HYPERSONIC WIND TUNNEL, HEATER OR PREHEATER

(51) International classification :F25B
(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)KHAJA M M KHADER

(57) Abstract :
According to the invention The shaped components are in a shape of tubes having hole of required diameter ranging from 0.5 mm to several hundred millimeters and having required wall thickness ranging from 0.5 mm to several hundred millimeters, the said shaped components / tubes are arranged to form a assembly of required size and shape, such as round, oval, square, rectangular, triangular, hexagonal or any other required shape having plurality of passages extending in the direction of air or gas flow, when the said arrangement of tubes assembly is heated and air or gas is blown through the said assembly the air or gas will get heated to the required temperature, the said shaped components / tubes in the said system will experience less thermal shock as they get exposed from all sides and also center during heating and cooling.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.5860/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MEASURING WIND VELOCITY

(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHOUDHURY, NILOY
2)VARTAK, SAMEER DINKAR
3)GHOSH, SAMPA

(57) Abstract :
A wind velocity measurement system, a wind turbine, and a method for estimating wind velocity are presented. One or more light signals received from at least one light source are modulated to produce patterned light signals. The patterned light signals are projected towards a region of interest. At least a portion of reflected light signals reflected from the region of interest are received, where the reflected light signals are representative of an oscillating signal. A wind velocity is estimated based on the oscillating signal.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.5861/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MONOLITHIC CONTACT SYSTEM AND METHOD OF FORMING

(51) International classification :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)KARKADA, NAGAVENI
3)THIMMEGOWDA, SHALINI
4)THAMMAIAH, MALLIKARJUNA HEGGADADEVANAPURA
5)NARAYANAN, JANAKIRAMAN
6)JACOBS, LINDA YVONNE

(57) Abstract :
A circuit breaker having a monolithic structure and method of making is disclosed. The monolithic structure includes an arm portion having copper and a contact portion having a composite material. The composite material has a metallic matrix and a second phase disposed in the metallic matrix. The method of making the monolithic structure includes introducing a first powder into a first region of a mold, introducing a second powder into a second region of the mold, and consolidating the first powder and the second powder together. The first region of the mold corresponds to a contact portion, and the second region corresponds to an arm portion of the monolithic structure of the circuit breaker.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.5862/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR ENHANCED MILLIMETER WAVE (MMWAVE) CELL ACQUISITION

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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NIGAM, Anshuman
2)AGIWAL, Anil
3)SHARMA, Diwakar

(57) Abstract :
The various embodiments of the present invention disclose a method of enabling cell acquisition in a wireless communication. The method comprising steps of determining, by a first base station, a Mobile Station (MS) located at a granularity of a first frequency carrier cell sector level, identifying at least one second base station within the first frequency carrier cell sector level, transmitting a second frequency carrier cell search command to the MS and identifying, by the MS, the second frequency carrier cell based on one or more parameters defined in the search command. The first frequency carrier cell enables the MS in searching the second frequency carrier cell by providing a predefined number of synchronization slots to be monitored based on the location information of the MS.

No. of Pages : 60 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.5863/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF RIVAROXABAN

(51) International classification :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)RANE, DNYANDEV RAGHO
3)VELIVELA, SRINIVAS RAO
4)MADDIGUNTLA, RAMAKOTAIAH

(57) Abstract :
The present invention relates to a novel intermediate of formula (III). The present invention also relates to an improved process for the preparation of Rivaroxaban.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5865/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :16/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF LINEZOLID

(51) International classification :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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1)DESI REDDY, SRINIVAS REDDY
2)RANE, DNYANDEV RAGHO
3)VELIVELA, SRINIVAS RAO
4)PEKETI, SUBBAREDDY

(57) Abstract :
The present invention relates to novel, cost effective and industrially viable process for the preparation of Linezolid. The present invention also provides an improved process for the preparation of Linezolid.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2364/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DISUBSTITUTED 3 4 DIAMINO 3 CYCLOBUTENE 1 2 DIONE COMPOUNDS FOR USE IN THE TREATMENT OF CHEMOKINE MEDIATED PATHOLOGIES

(51) International classification :C07D405/06,C07D405/14,C07D407/06
(31) Priority Document No :61/552829
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FR2012/052479
Filing Date :26/10/2012
(87) International Publication No :WO 2013/061005
(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)MUSICKI Branislav
2)AUBERT Jr´me
3)BOITEAU Jean Guy
4)CLARY Laurence
5)ROSSIO Patricia
6)SCHUPPLI NOLLET Marl¨ne

(57) Abstract :
The present invention relates to novel disubstituted 3 4 diamino 3 cyclobutene 1 2 dione compounds represented by the following general formula (I): the pharmaceutical compositions containing these compounds and the use of these compounds and these compositions for the treatment of chemokine mediated pathologies.

No. of Pages : 123 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.4699/CHE/2012 A
(19) INDIA
(22) Date of filing of Application :09/11/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : A NOVEL RIGID UNIVERASAL CARTRIDGE FOR HOLDING SYSTEM

(51) International classification	:B23B	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Vijay Kumar Mada**
(32) Priority Date	:NA	Address of Applicant :Spectra Tools Fact : 589/1 Opp
(33) Name of priority country	:NA	Horticulture Near Meenakshi Temple Hulimavu Post
(86) International Application No	:NA	Bannerghatta Road Bangalore 560076 Karnataka India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)Vijay Kumar Mada**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
In view of the foregoing an embodiment herein provides a rigid cartridge for multiple and universal application of all machining processes. The rigid cartridge includes a cylindrical body a guiding & locating body connected to bottom side of cylindrical body and a combination screw having a left hand [LH] thread and a right hand [RH] thread wherein the cylindrical body includes a flat for locking the cartridge with the cutter body by using a locking screw wherein the combination screw is connected to the bottom end of said guiding & locating body. The LH thread is provided in cartridge side and RH thread is provided in cutter body side or vice versa. In the cutter body or boring bar a slot is provided for enabling to rotate the combination screw in clockwise or anti-clockwise direction to move the cartridge in forward and backward direction.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2395/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPLYING MANUFACTURING PATTERNS TO THE AUTOMATED PRODUCTION OF AN INTERACTIVE CUSTOMIZABLE PRODUCT

(51) International classification :G06F19/00
(31) Priority Document No :61/529234
(32) Priority Date :30/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053081
Filing Date :30/08/2012
(87) International Publication No :WO 2013/033356
(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)HARVILL Young
2)BEAVER Robert I. III

(57) Abstract :
A system and method for acquisition characterization and application of Manufacturing patterns to the automated production of the digital representation of these patterns as interactive media that gathers a customer s input and subsequently produces physical product is described.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2469/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : GLUCOAMYLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification :C12N9/24,C12P19/14
(31) Priority Document No :61/531189
(32) Priority Date :06/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053779
Filing Date :05/09/2012
(87) International Publication No :WO 2013/036526
(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)MATSUI Tomoko
2)CLARK Suzanne

(57) Abstract :
The present invention relates to glucoamylase variants having reduced sensitivity to protease nicking. The present invention also relates to polynucleotides encoding the variants; nucleic acid constructs vectors and host cells comprising the polynucleotides; and methods of using the variants.

No. of Pages : 93 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2470/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : GLASS VEHICLE ROOF COMPRISING LOCALIZED ZONES UNDER COMPRESSIVE STRESS

(51) International classification :B62D25/06
(31) Priority Document No :1159324
(32) Priority Date :14/10/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/052330
Filing Date :12/10/2012
(87) International Publication No :WO 2013/054060
(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)HENNION Alexandre
2)FREBOURG Philippe

(57) Abstract :
The invention relates to a motor vehicle roof comprising two longitudinal edges and two transverse edges which is symmetric about a median longitudinal plane consisting of glazing comprising at least one sheet of mineral glass said sheet comprising a belt of compressive edge stresses said sheet comprising at least two localized zones of compressive stresses inside said belt and positioned symmetrically about said plane of symmetry each localized zone of compressive stresses being less than 30 cm from a longitudinal edge.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5858/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :16/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : LYOPHILIZED COMPOSITIONS COMPRISING ISOMALT

(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)PARTHASARADHI REDDY, BANDI
2)KHADGAPATHI, PODILI
3)SREEDHAR, BANDARI

(57) Abstract :
The present invention relates to lyophilized pharmaceutical compositions comprising isomalt and process for preparing the same.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.5859/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING AN OPTIMAL IMAGE FRAME

(51) International classification :G03B
(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)ALADAHALLI, CHANDAN KUMAR MALLAPPA
2)SHRIRAM, KRISHNA SEETHARAM

(57) Abstract :
Methods and systems for imaging a subject are presented. One or more candidate structures corresponding to a target feature and one or more supplementary features in each of a plurality of image frames are identified, where the plurality of image frames corresponds to a volume of interest of the subject. One or more spatial configurations corresponding to each of a plurality of combinations of the candidate structures are determined. Each of the spatial configurations is compared with a spatial reference model corresponding to a determined relative position of the target feature and the supplementary features in the volume of interest. A quality indicator corresponding to each of the plurality of image frames is computed based on the comparison. An optimal image frame is selected from the plurality of image frames based on the computed quality indicator.

No. of Pages : 50 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2013
(21) Application No.5737/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : HAND-HELD DEVICE FOR ANALYZING QUALITY OF FOOD PRODUCT AT EARLY STAGE

(51) International classification	:g01n	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)SCHNEIDER ELECTRIC INDUSTRIES SAS**
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)VEERENDRA VASAM**
(87) International Publication No	: NA	**2)AISWARYA DORAIRAJ**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to a hand-held device for analyzing quality of food product, comprising: a sensing probe has inner lines spaced apart and surrounded by outer lines, where the outer lines are dissimilar conductive elements. A controller is coupled to the inner and outer lines of the probe through respective first and second resistive elements. A relay is coupled to the outer lines of the sensing probe and operated by the controller. An indicator is operatively connected to the controller. Once the sensing probe is inserted into the food product, the controller transmits a power signal and at least one frequency signal to the probe, so that the controller determines multiple parameters of the food product by switching on the relay to measure conductivity across the second resistive element at different frequency signals and by switching off the relay to measure potential difference across the outer lines of the probe. The indicator is operated by the controller based on the determined parameters of the food product. Thus, the hand-held device achieves rapid, instant and easy analysis of quality components of food product in the field itself.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5870/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AMORPHOUS DIPOTASSIUM (S)-2-(4-(2-(2-AMINO-4-OXO-4, 7-DIHYDRO-3H-PYRROLO[2,3-D]PYRIMIDIN-5-YL)BENZAMIDE)PENTANEDIOATE PROCESS

(51) International classification :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

(71)**Name of Applicant :**
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Address of Applicant :2ND FLOOR, 10/80, RAJENDRA GUNJ, RAICHUR Karnataka India
(72)**Name of Inventor :**
1)PIPAL, BHAGAT RAJ
2)GAYAM, VENKATA REDDY
3)CHATURVEDI, AKSHAY KANT

(57) Abstract :
The present invention relates to amorphous form of dipotassium (S)-2-(4-(2-(2-amino-4-oxo-4,7-dihydro-3H-pyrrolo[23-d]pyrimidin-5-yl)ethyl)benzamido)pentanedioate(I), and process for preparation thereof. The invention further relates to pharmaceutical compositions comprising amorphous form of dipotassium (S)-2-(4-(2-(2-amino-4-oxo-4,7-dihydro- 3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzamido)pentanedioate (I) having anti-cancer activity.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2379/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : FOOD HOLDING CABINET AND METHOD FOR HOLDING HOT FOOD

(51) International classification :F27D11/06
(31) Priority Document No :61/537529
(32) Priority Date :21/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062108
Filing Date :23/11/2011
(87) International Publication No :WO 2013/043212
(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)TAN Kim Huei
2)ALKADRI Sharifah Nadiah

(57) Abstract :
A food holding cabinet for holding and keeping hot food safe and fresh at a desired temperature until ready to be served. Radiant heaters disposed in food compartment walls supply radiant heat to the interior of the food holding compartment. The radiant heat is transferred from the radiant heaters via metallic heat sink plates. The radiant heat is supplied from two vertical walls and one horizontal wall to provide a uniformity of heat distribution across all tray levels.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2451/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD AND MACHINE FOR PRODUCING A SINGLE USE CAPSULE FOR BEVERAGES AND CAPSULE OBTAINED USING METHOD

(51) International classification :B65D85/804,B65B7/16,B65B29/02
(31) Priority Document No :BO2011A000621
(32) Priority Date :04/11/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/056042
Filing Date :31/10/2012
(87) International Publication No :WO 2013/064988
(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)BIANCHI Mauro

(57) Abstract :
A method for producing a single use capsule (1) for extraction beverages comprises the steps of: positioning a flat piece (8) of filter paper over a cup shaped rigid body (2); joining the flat piece (8) of filter paper along at least the rim (7) of the rigid body (2); forming the piece (8) of filter paper towards the interior of the rigid body (2) and by means of plastic deformation of the piece (8) of filter paper so as to define a containment chamber (5); filling of the containment chamber (5) with a dose (D) of product; closing of the chamber (5) and of the external rigid body (2) with a sheet lid (6). This invention also relates to a machine (100) which implements said method.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5769/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :13/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : BORTEZOMIB FORMULATIONS

(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

(71)**Name of Applicant :**
1)SHILPA MEDICARE LIMITED
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(72)**Name of Inventor :**
1)SHIVAKUMAR, PREDEEP
2)RAMAKRISHNAIAH, SHIVAMURTHY
3)ALAMPALLI, BADRINATH
4)CHATURVEDI, AKSHAY KANT

(57) Abstract :
The present invention relates to bortezomib pharmaceutical compositions and process for preparing the same.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5770/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :13/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : NOVEL BORTEZOMIB FORMULATIONS

(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

(71)**Name of Applicant :**
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1)SHIVAKUMAR, PREDEEP
2)RAMAKRISHNAIAH, SHIVAMURTHY
3)DASARI, NAGARAJU
4)CHATURVEDI, AKSHAY KANT

(57) Abstract :
The present invention relates to bortezomib pharmaceutical compositions and process of preparing the same.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2013
(21) Application No.5708/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING A MOTOR

(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 :**
1)GENERAL ELECTRIC COMPANY
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(72)**Name of Inventor :**
1)MUKHERJEE, RUPAM
2)KUMAR, AJITH KUTTANNAIR
3)AHUJA, MUNISHWAR
4)ALI, SHAHID
5)RAMACHANDRAPANICKER, SOMAKUMAR
6)BOYANAPALLY. SRILATHA

(57) Abstract :
A method for monitoring one or more motors is presented. The method includes acquiring an electrical parameter, a mechanical parameter, or a combination thereof, corresponding to one or more motors. The method further includes determining one or more loading conditions of the one or more motors based on the acquired electrical parameter, the acquired mechanical parameter, or a combination thereof. Also, the method includes determining a signature of the acquired electrical parameter, a signature of the acquired mechanical parameter, or a combination thereof. Moreover, the method includes identifying a range of frequencies corresponding to the determined signatures based on the one or more loading conditions. Furthermore, the method includes analyzing the determined signatures to identify a condition of a bearing cage corresponding to the one or more motors. System for monitoring the one or more motors is also presented.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2494/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROGRAMMABLE TEST INSTRUMENT

(51) International classification :G06F11/22
(31) Priority Document No :13/284491
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056250
Filing Date :20/09/2012
(87) International Publication No :WO 2013/062693
(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)FRICK Lloyd K.
2)LIND David John

(57) Abstract :
In general a test instrument includes a first processing system that is programmable to run one or more test programs to test a device interfaced to a test instrument and that is programmed to control operation of the test instrument and a 5 second processing system that is dedicated to device testing. The second processing system being programmable to run one or more test programs to test the device and the first processing system has a first application programming interface (API) and the second processing system has a second API the first API and the second API being different APIs the first API and the second API having at least 10 some duplicate functions.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2012
(21) Application No.1309/CHE/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : IVABRADINE HYDROCHLORIDE SOLID DISPERSION

(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

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(72)**Name of Inventor :**
1)PARTHASARADHI REDDY, BANDI
2)RATHNAKAR REDDY, KURA
3)MURALIDHARA REDDY, DASARI
4)SRINIVASA RAO, THUNGATHURTHY
5)VAMSI KRISHNA, BANDI

(57) Abstract :
The present invention provides a compound of 7,8-dimethoxy-3-[3-[[(lS)-(4,5-dimethoxybenzocyclobutan-1 -yl)methyl]methylamino]propyl]-1,3-de-hydro-7,8-dimethoxy-2H-3-benzazepin-2-one oxalate (de-hydro ivabradine oxalate salt) and process for its preparation. The present invention also provides a process for the purification of de-hydro ivabradine oxalate salt. The present invention further provides a novel process for the preparation of ivabradine using novel intermediate. The present invention further provides a novel amorphous solid dispersion of ivabradine hydrochloride in combination with a pharmaceutically acceptable carrier, process for its preparation and pharmaceutical compositions comprising it.

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2444/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DEVICE FOR TREATING A THREAD

(51) International classification :D02G1/16,D02J1/08,B65H57/00
(31) Priority Document No :10 2011 113 178.0
(32) Priority Date :09/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/057384
Filing Date :23/04/2012
(87) International Publication No :WO 2013/034318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OERLIKON TEXTILE GMBH & CO. KG
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(72)**Name of Inventor :**
1)HUBERT Christian
2)MATTHIES Claus
3)WESTPHAL Jan

(57) Abstract :
The invention relates to a device for treating a thread with compressed air. To this end the device has an intermingling device which is encapsulated in a housing with respect to the environment. For thread guidance the housing has a thread inlet and an opposite thread outlet. In order to prevent direct transmission of noise through the thread inlet and the thread outlet according to the invention the thread inlet and/or the thread outlet is formed in each case by two separate opening slots in quick succession and a thread guiding member between the opening slots.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2481/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : CLOSING VALVE UNIT FOR A CYCLONE

(51) International classification :B04C11/00
(31) Priority Document No :20115881
(32) Priority Date :07/09/2011
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2012/050865
Filing Date :06/09/2012
(87) International Publication No :WO 2013/034808
(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)IMMONEN Jarmo
2)J„RVINEN Marita
3)SUORTTI Simo

(57) Abstract :
A closing valve unit (9) for a centrifugal cleaner arrangement (1) said unit (9) being connectable by means of connecting members (14 15) between a feed conduit (3) of a centrifugal cleaner group (1) and a feed conduit of the cyclone (2) and between an accept channel (4) of the centrifugal cleaner group (1) and an accept conduit of the cyclone (2). The closing valve unit (9) comprises closing members for closing both the feed flow and the accept flow.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2482/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :02/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ANODIZED COATING OVER ALUMINUM AND ALUMINUM ALLOY COATED SUBSTRATES AND COATED ARTICLES

(51) International classification :C25D
(31) Priority Document No :10/972,591
(32) Priority Date :25/10/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/038338
Filing Date :25/10/2005
(87) International Publication No :WO/2006/047501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2256/CHENP/2007
Filed on :25/10/2005

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOLAN, Shawn, E.

(57) Abstract :
Using aqueous electrolytes containing complex fluorides or oxyfluorides such asfluorozirconates and fluorotitanates, ferrous metal articles and non-metallic articles having a first coating containing aluminum may be rapidly anodized to form a second protection surface coating. White coatings may be formed on articles using pulsed direct current or alternating current.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.5298/CHE/2012 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : LED LAMP DEVICE WITH FINS HAVING LONGITUDINAL AND TRANSVERSAL CHANNELS

(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YU-TIEN WANG

(57) Abstract :
An LED lamp device with fins having longitudinal and transversal channels includes a casing; an upper side of the casing having a cambered shape and a lower side of the casing being formed as a cavity; one end of the cavity being reduced as a neck; a plurality of fins form on an upper surface of the upper side of the casing for increasing heat dissipating areas; the fins being arranged along a longitudinal direction of the casing so as to form with a plurality of longitudinal air channels between the fins; at least one transversal air channel being formed to cut through the fins; by the arrangement of the longitudinal and transversal air paths, air being sufficient filled within the channels between fins; and a copper substrate fixed to the cavity of the casing; a plurality of screw holes being formed on the copper substrate for locking LED lamps.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5850/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :16/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROOF MOUNTING SYSTEM FOR DAYLIGHTING DEVICES

(51) International classification :B60J
(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)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M CENTER, P O BOX 33427, SAINT PAUL MN 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)KANNAN DURGAM GANESH PRASAD

(57) Abstract :
The disclosure relates to an universal modular roof mounting system for daylight delivery systems (TDDS) mounted on different types of roof structures. The mounting system disclosed herein includes a hollow base mountable on any type of roof structure. The base surrounds a hole made on the roof and a cover is mounted and fastened onto the hollow base. The cover has an opening at its top through which a tubing of a TDDS/TSD can be inserted to extend through the hole made on the roof into the building without touching the roof. The base and the cover arrangement make the mounting system modular and independent from the tubing. A water deflecting plate may be installed immediately behind the mounting system. The deflector plate is profiled so as to deflect flowing water away from the mounting system.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2316/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : RUBBER COMPOSITION AND TIRE

(51) International classification :C08L7/00,B60C1/00,C08F136/22
(31) Priority Document No :2011218122
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074169
Filing Date :21/09/2012
(87) International Publication No :WO 2013/047348
(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)KUWAHARA Shigenao
2)HIRATA Kei
3)KODA Daisuke

(57) Abstract :
A rubber composition containing the following: a rubber component (A) comprising at least one synthetic rubber and/or natural rubber; a farnesene polymer (B) having a weight average molecular weight no less than 2 000 but less than 25 000; and carbon black (C).

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2317/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : RUBBER COMPOSITION AND TIRE

(51) International classification :C08L7/00,B60C1/00,C08F136/22
(31) Priority Document No :2011218119
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074168
Filing Date :21/09/2012
(87) International Publication No :WO 2013/047347
(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)AMYRIS INC.
(72)**Name of Inventor :**
1)KUWAHARA Shigenao
2)HIRATA Kei
3)KODA Daisuke

(57) Abstract :
A rubber composition containing the following: a rubber component (A) comprising at least one synthetic rubber and/or natural rubber; a farnesene polymer (B); and 20 to 100 mass parts of carbon black (C) per 100 mass parts of the rubber component (A) said carbon black having a mean particle diameter of 5 to 100 nm.

No. of Pages : 60 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2318/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DISPERSION FORMED FROM A LIQUID PHASE AND A SOLID PHASE

(51) International classification :C08G18/63,C08L75/04,C08L71/02
(31) Priority Document No :11179809.6
(32) Priority Date :02/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066642
Filing Date :28/08/2012
(87) International Publication No :WO 2013/030173
(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)PETROVIC Dejan
2)ELING Berend
3)TOMOVIC Zeljko

(57) Abstract :
The present invention relates to dispersions formed from a liquid phase and a solid phase.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2391/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : LIGHTING APPARATUS

(51) International classification :G02B6/00,F21V7/00
(31) Priority Document No :61/545776
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055114
Filing Date :26/09/2012
(87) International Publication No :WO 2013/054220
(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)GREINER Horst

(57) Abstract :
The invention relates to alighting apparatus comprising a light emission unit (2) for emitting light (3) from an emission surface (4) in a main emission direction (6) and an outcoupling unit (7) for coupling the light out of the light emission unit. The outcoupling unit comprises a first surface (8) having a first central region (9) optically coupled to the emission surface and a first peripheral region (10)enclosing the first central region and a second surface (11) opposite to the first surface. The peripheral regions can be structured wherein the ratio of a) the area of the emission surface to b) the area of the first surface or the second surface is smaller than 0.5. This configuration can significantly decrease the likelihood of reabsorption of light by the emission surface thereby increasing the efficiency of extracting light out of the lighting apparatus.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5884/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :17/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF LACOSAMIDE

(51) International classification :A61P
(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)DESI REDDY, SRINIVAS REDDY
2)RANE, DNYANDEV RAGHO
3)BHAUSAHEB, CHAVHAN
4)VELIVELA, SRINIVAS RAO

(57) Abstract :
The present invention relates to a novel process for the preparation of Linezolid and the present invention further relates to a novel compound of formulas (V) and (VIII) are used in the preparation of Linezolid.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.4006/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :06/09/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN AUTOMATED SYSTEM FOR CRICKET BATTING CENTER

(51) International classification :A63B
(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)Mr Takeo TERUI
4)Mr.Sanjay Sahu
(72)**Name of Inventor :**
1)Mr.Tokutake Shigeru
2)Mr.Tatsuo Tanaka
3)Mr Takeo TERUI
4)Mr.Sanjay Sahu

(57) Abstract :
In view of the foregoing, an embodiment herein provides an automated system for cricket batting center, wherein he automated system can include one or more ball launching machine, a ball recovery device, a floor sloped towards the ball recovery device, and at least a target plate provided in front of the batsmen. The ball recovery device is a mechanism which can lift the collected balls due to gravity towards the ball recovery device and then transfer the balls in to the ball launching machine. A ball transfer mechanism may be provided in between the ball recovery device and ball launching machine, wherein the ball transfer mechanism may include rails or tubes to transfer the balls. According to an embodiment, the target plate may include a switch or pressure sensor or shock sensor, which can sense the ball as soon as the ball hit on the surface of target plate. The backside of the target plate may include a power cable outlet to transmit the electrical signal when the ball hit on the plate, wherein the power cable outlet can be connected to recording device which may record the hit of the ball. The recording device can be connected to the target plate by wire or wireless, wherein the recording device may include a digital number plate or camera, or light, buzzer or similar device to notify the hit as score points to the batsmen.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5106/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :12/11/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROGRESSIVE TRAINING ASSISTANCE DEVICE AND SYSTEM FOR ADVANCED VOCATIONAL SKILL TRAINING & ASSESSMENT

(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)R. Bhavani Rao
2)Josh Freeman
3)Akshay Nagarajan

(57) Abstract :
The present invention provides advanced vocational skill training and assessment comprises a progressive training assistance device and system for providing virtual environment, tactile feedback and performance evaluation to the unskilled user during training. The progressive training assistance device and system comprising: a training device, a haptic sensor, a control system and a virtual training environment. The training device includes atleast one active translational and atleast three passive rotational degrees of freedom for performing tasks. The haptic sensor is used for sensing and affording feedback. The control system is used for calculating a force applied by an unskilled user. The virtual training environment displays the performance of an unskilled user. Further, the progressive training assistance device and system compares the performance of an unskilled user with a standard benchmark and provides feedback to an unskilled user.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2013
(21) Application No.5879/CHE/2013 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR UNIVERSAL STRUCTURE PRESERVING DATA MASKING

(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)DR. ASHUTOSH SAXENA
2)SHIKHA GUPTA
3)UPAGUPTA MANDAL

(57) Abstract :
A system and method for masking one or more heterogeneous digital contents is provided. The present invention includes receiving the one or more heterogeneous digital contents from one or more data sources. Further, the received one or more heterogeneous digital contents can be parsed by a first parser unit to obtain a portable format data. The portable format data can be a homogeneous digital content arranged in one or more layers. Further, masking of the portable format data can be performed by a masking unit. A masking methodology can be applied based on selection of one or more rules from a plurality of rules to obtain a masked portable format data. Further, reverse-parsing of the masked portable format data can be performed by a second parser unit to obtain a masked data. Structure of the received one or more heterogeneous digital contents remains preserved.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2376/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : INSECTICIDAL LIPID AGENTS ISOLATED FROM ENTOMOPATHOGENIC FUNGI AND USES THEREOF

(51) International classification	:C07C229/22,A01H15/00,A01N37/44
(31) Priority Document No	:61/530168
(32) Priority Date	:01/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2012/054483
Filing Date	:31/08/2012
(87) International Publication No	:WO 2013/030792
(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)GLARE Travis Robert
3)CALDER Cody
4)VAN GINKEL Roelof

(57) Abstract :
The present invention provides insecticidal lipids together with compositions comprising such lipids and lipid fractions and methods of preparing same. Methods for the biological control of insects such as phytopathogenic insects using the lipids or compositions comprising said lipids optionally together with one or more insecticidal or entomopathogenic agents including entomopathogenic fungi are also provided.

No. of Pages : 73 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2377/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : IMAGE DECODING APPARATUS IMAGE DECODING METHOD AND IMAGE ENCODING APPARATUS

(51) International classification :H04N7/32
(31) Priority Document No :2011215475
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075191
Filing Date :28/09/2012
(87) International Publication No :WO 2013/047805
(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)YAMAMOTO Tomoyuki
2)IKAI Tomohiro
3)YASUGI Yukinobu

(57) Abstract :
The objective of the invention is to achieve both reduction of the code amount in a case of using asymmetric partition and efficient encoding/decoding processes utilizing the nature of asymmetric partition. If a CU information decoding unit decodes information that designates asymmetric division (asymmetric motion partition; AMP) as division type an arithmetic decoding unit switches in accordance with the position of a binary value between an arithmetic decoding using contexts and an arithmetic decoding using no contexts and performs decoding.

No. of Pages : 247 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2449/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SPACER FOR ROLLING BEARING NOTABLY USED IN A WIND TURBINE

(51) International classification :F16C19/38,F16C19/40,F16C33/37
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/065183
Filing Date :02/09/2011
(87) International Publication No :WO 2013/029684
(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)MAGNY Jean Baptiste
2)OVIZE Pascal
3)BOURON Cyril

(57) Abstract :
The spacer is adapted for a rolling bearing comprising an inner ring an outer ring and at least one row of angular contact rollers disposed between raceways provided on the rings. The spacer comprises two opposite faces 17 18 having a concave profile adapted to the rollers each face comprising at least a contact surface 17a 18a with the associated roller having the shape of a cylinder segment. The axes of the cylinder segments of said contact surfaces converge.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2009
(21) Application No.245/CHE/2009 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD FOR DETECTING OF CHANGES IN HYDROCARBON DEPOSIT

(51) International classification :G01V
(31) Priority Document No :08014357.1
(32) Priority Date :12/08/2008
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) 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)Ernst D.Rode

(57) Abstract :
The invention relates to a method for detecting of changes of a fluid in a subterranean reservoir, wherein at several points in time, data (1) are collected with the aid of a passive method in which low-frequency acoustic signals are passively measured by means of acoustic sensors (10). Changes in the fluid can be monitored in a simple and cost efficient way when these data are overlaid with static 3D data (2), which were collected with the aid of a reflection-seismic method so that a time-related representation of the change of the fluid is possible.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2269/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :25/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : HERMETICALLY CLOSED COMPRESSOR AND REFRIGERATION CYCLE DEVICE

(51) International classification :F04C29/06,F04C23/00
(31) Priority Document No :2011215028
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074008
Filing Date :20/09/2012
(87) International Publication No :WO 2013/047307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOSHIBA CARRIER CORPORATION
Address of Applicant :72 34 Horikawa Cho Saiwai Ku Kawasaki Shi Kanagawa 2128585 Japan
(72)**Name of Inventor :**
1)HIRAYAMA Takuya

(57) Abstract :
The compression mechanism section of a hermetically closed compressor the compression mechanism section being housed within a hermetically closed case has a first cylinder a second cylinder and a partition plate which is located between the first and second cylinders. The hermetically closed compressor has: a first bearing discharge port formed in a first bearing; and a first partition plate discharge port formed in the partition plate the first bearing discharge port and the first partition plate discharge port serving as discharge ports for discharging working fluid compressed within a first cylinder chamber. The hermetically closed compressor also has: a second bearing discharge port formed in a second bearing; and a second partition plate discharge port formed in the partition plate the second bearing discharge port and the second partition plate discharge port serving as discharge ports for discharging working fluid compressed within a second cylinder chamber. The cross sectional area of the first partition plate discharge port is set to be less than the cross sectional area of the first bearing discharge port and the cross sectional area of the second partition plate discharge port is set to be less than the cross sectional area of the second bearing discharge port.

No. of Pages : 57 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2339/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : BYPASS SWITCH FOR A BOOST DEVICE

(51) International classification :H02J3/18,G05F1/70
(31) Priority Document No :61/528881
(32) Priority Date :30/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052757
Filing Date :29/08/2012
(87) International Publication No :WO 2013/033137
(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 boost device is coupled to a compensation device that is configured to be connected to a power system. The boost device includes multiple portions each of the multiple portions including at least one electrical element and a solid state switching device electrically connected to the at least one electrical element. The solid state switching device is connected in parallel with the at least one electrical element such that closing the solid state switching substantially prevents current flow to the at least one electrical element.

No. of Pages : 30 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2340/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :27/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ROAMING SESSION TERMINATION TRIGGERED BY ROAMING AGREEMENT/PARTNER DELETION

(51) International classification :H04W28/24,H04W4/26,H04W8/18
(31) Priority Document No :13/275465
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050732
Filing Date :17/10/2012
(87) International Publication No :WO 2013/056369
(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)MANN Robert A.
4)YEUNG Lui Chu
5)MOHEBI SARMADI Partoo

(57) Abstract :
Various exemplary embodiments relate to a method performed by a policy and charging rules node (PCRN) for processing a change in a status of a roaming partner the method including: receiving at the PCRN a message indicating a change in a status of the roaming partner; identifying roaming subscriber sessions associated with the roaming partner; determining home based roaming subscriber sessions among the identified subscriber sessions; marking the determined home based roaming subscriber sessions for termination; and sending a termination message to a policy and charging enforcement node for the determined home based roaming subscriber sessions.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2468/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SEED TREATMENT METHODS AND COMPOSITIONS

(51) International classification :A01N43/16
(31) Priority Document No :61/532234
(32) Priority Date :08/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054443
Filing Date :10/09/2012
(87) International Publication No :WO 2013/036922
(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)HABIB Ahsan
3)KOSANKE John

(57) Abstract :
Disclosed are methods of enhancing plant growth comprising treating seed at least one month prior to planting with an effective amount of a plant signal molecule wherein upon harvesting the plant exhibits at least one of increased plant yield measured in terms of bushels/acre increased root number increased root length increased root mass increased root volume and increased leaf area compared to plants harvested from untreated seed or compared to plants harvested from seed treated with the signal molecule just prior to or within a week or less of planting.

No. of Pages : 40 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(21) Application No.4482/CHE/2012 A
(19) INDIA
(22) Date of filing of Application :26/10/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : METHOD SYSTEM AND PROGRAM FOR AUTOMATIC GENERATION OF SCREENS FOR MOBILE APPS BASED ON BACK-END SERVICES

(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)VENKAT K. R.
3)BABU Sudhir
4)MURTHY Radhakrishna

(57) Abstract :
The present invention enables development of a mobile app screen based on a back-end service deploy the screen into a mobile app and develop integration components to contact to the back-end service. The present invention enables automatic creation of a user interface based on a back-end service and offers sufficient flexibility in screen layout modification. The present invention facilitates seamless addition of that screen into a mobile app submission of data from the screen into the back-end service and rendering of data received from the back-end service onto the screen.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.4487/CHE/2012 A
(19) INDIA
(22) Date of filing of Application :29/10/2012
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYNERGISTIC COMPOSITION COMPRISING PLANT EXTRACTS COMPRISING RESVERATROL AND EPIGALLOCATECHIN GALLATE AND USES THEREOF

(51) International classification	:A61K 36/00
(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)RAMAKRISHNA, SHYAM
3)VIVEKBABU, CHIKKARASANAHALLI SHIVEGOWDA

(57) Abstract :
The present disclosure relates to a composition comprising one or more plant extracts, wherein the plant extract comprises resveratrol and epigallocatechin gallate. The composition as disclosed herein is useful for prevention and/or treatment of obesity, overweight, cardiovascular diseases and other metabolic disorders.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5798/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :13/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : CALCINATION OF MICA USING ROTARY RETORT

(51) International classification	:F27B7/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)GOGINENI VENKAKTA SAI PRATAP**
(32) Priority Date	:NA	Address of Applicant :D.NO. 64-1, RAVI INSULATING
(33) Name of priority country	:NA	COMPANY, GOGINENIPURAM, GUDUR SPS NELLORE
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)GOGINENI VENKATA SAI PRATAP**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
An electrically heated rotatory retort furnace configured for producing coloured mica comprising of: a shell covering an octagonal retort; a hopper having an inclined floor leading to a chute; a charging door comprising a cover plate; a plurality of heating units; wherein the retort comprises a drive chain and bearing assembly including flange which is attached to the retort for rotation, a sprocket secured to the forward end of the retort and is connected by a chain to a drive mechanism operable to rotate the retort about its axis.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5079/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :11/11/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : AN UNIQUE SYSTEM OF COLLECTION, RETENTION & DISPOSAL OF HUMAN EXCRETION (LIQUID WASTE) IN TRAINS

(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)NAGARAJ T.V.

(57) Abstract :
The invention is a unique system evolved for disposal of liquid waste of the passengers travelling in trains. Since millions of people travel daily in trains far and wide, people use toilets in the train for attending to nature call, and for other purposes like washing face and hands, shaving, throwing food residue, cleaning small vessels, throwing plastic articles and bottles into the toilets etc. All these acts lead to accumulation and scattered disposal of liquid waste in a wide and long area in and around railway platforms and elsewhere. This leads to bad and filthy surroundings and affects thehealth and hygiene of the people. To eliminate this social menace, an unique system has beendesigned to have clean and tidy surroundings and ensure public health and hygiene. Forthispurpose the unique system aims to systematically collect, retain and dispose off such liquid wasteby using a fabricated steel tank having a hole at the bottom along with other components like electro-magnets, a shaft, a lid, flush tank etc. The system uses electro-magnets for pulling upsteel lid by a shaft which drains out liquid waste and simultaneously clean the tank by flushingwater into the steei tank at a desired place and time. The system also has an arrangement to be operated manually by pulling a wire and do the same work in a similar manner. Hence such pre-determined disposal will give free raw-material free of cost at a designated place and time for getting bio-products for piggery, poultry and agriculture. This creates employment to many people in the designated places and for thousands of people at the national level.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2402/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PCRN ROAMING AGREEMENT

(51) International classification :H04W28/24,H04W4/26,H04W8/18
(31) Priority Document No :13/275686
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050731
Filing Date :17/10/2012
(87) International Publication No :WO 2013/056368
(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)YEUNG Lui
3)MANN Robert
4)LALSETA Sachin
5)MOHEBI SARMADI Partoo
6)MA Haiqing
7)SIDDAM Kalyan Premchand

(57) Abstract :
Various exemplary embodiments relate to a method performed by a policy and charging rules node (PCRN) for managing a session for a roaming subscriber. The method may include: defining a roaming agreement associated with at least one roaming partner and including at least one limitation; receiving a session establishment request; extracting a subscription identifier; determining an active roaming partner by comparing the subscription identifier to the roaming partner profile; selecting the roaming agreement including the active roaming partner; and enforcing the at least one limitation when processing the session establishment request. The PCRN may include: a roaming agreement storage; a first interface configured to receive a session establishment request for a roaming subscriber; a roaming manager configured to identify a roaming partner associated with the roaming subscriber and a roaming agreement associated with the roaming partner; and a second interface configured to communicate session information with a roaming partner PCRN.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2403/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : NAI SUBSCRIPTION ID HINT DIGIT HANDLING

(51) International classification :H04W8/00
(31) Priority Document No :13/275809
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050734
Filing Date :17/10/2012
(87) International Publication No :WO 2013/056370
(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)MAO Ivy
2)MA Haiqing H.
3)WANG Peter
4)MANN Robert A.

(57) Abstract :
Various exemplary embodiments relate to a method of identifying a subscriber at a network node. The method may include receiving a message including a network access identifier (NAI); removing the first digit from the NAI to form a stripped NAI! determining whether the stripped NAI corresponds to a subscriber; determining whether the NAI corresponds to a subscriber! adding a hint digit to form an extended NAI and determining whether the extended NAI corresponds to a subscriber! and if any of the NAIs correspond to a subscriber using the corresponding NAI to identify the subscriber. Various exemplary embodiments relate to a policy and charging rules node including: a subscriber cache including a subscriber identifier! an interface configured to receive a NAI! a NAI modifier configured to form an extended NAI and a stripped NAI! and a subscriber identification module configured to determine whether a NAI is stored in the subscriber cache.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2479/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : DRY BUILDING MATERIAL FORMULATIONS CONTAINING POLYMER POWDERS

(51) International classification :C08K3/36,C08L29/04,C08L31/04
(31) Priority Document No :10 2011 084 048.6
(32) Priority Date :05/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/069494
Filing Date :02/10/2012
(87) International Publication No :WO 2013/050388
(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)K–HLER Thomas
2)H„RZSCHEL Reinhard

(57) Abstract :
The invention relates to dry building material formulations containing one or more hydraulically setting binders one or more fillers one or more polymers in the form of powders (polymer powders) that can be redispersed in water and optionally one or more additives characterized in that the polymer powders can be obtained by drying aqueous dispersions containing one or more silica sols and one or more polymers of ethylenically unsaturated monomers.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2476/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PESTICIDE PREPARATION AND PROCESS FOR PRODUCING THE SAME

(51) International classification	:A01N25/08,A01N25/12,A01N43/08
(31) Priority Document No	:2011221411
(32) Priority Date	:05/10/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/EP2012/069556
Filing Date	:04/10/2012
(87) International Publication No	:WO 2013/050433
(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)SATO Atsuhi

(57) Abstract :
A novel pesticide preparation which can be easily produced at a low cost and has sustained release properties is provided. A pesticide preparation containing a pesticide active ingredient and a heat meltable material and/or a thermoplastic material the pesticide preparation further containing an amine being capable of forming an associated state with the pesticide active ingredient and containing a group having a hydrophobic moiety on a nitrogen atom.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2381/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING DIMMING OF SOLID STATE LIGHTING DEVICE

(51) International classification :H05B33/08
(31) Priority Document No :61/547082
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055541
Filing Date :12/10/2012
(87) International Publication No :WO 2013/054297
(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 BRUYCKER Patrick Alouisius Martina

(57) Abstract :
Determining an amount of light output from a solid state lighting (SSL) unit based on a dimmer setting includes determining the dimmer setting of the dimmer during a readout mode by analyzing a power signal received from the dimmer the dimmer setting indicating a desired level of light determining power needed at input terminals of the SSL unit for an SSL load to output the desired level of output light and determining a value of an adjusting signal for adjusting the power at the input terminals of the SSL unit during a power reception mode based at least in part on the determined dimmer setting causing the SSL unit to output the desired level of light.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2453/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : MECHANISMS TO IMPROVE MOBILE DEVICE ROAMING IN WIRELESS NETWORKS

(51) International classification :H04W48/16,H04W88/02
(31) Priority Document No :13/315144
(32) Priority Date :08/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058619
Filing Date :04/10/2012
(87) International Publication No :WO 2013/085610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APPLE INC.
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(72)**Name of Inventor :**
1)CHHABRA Kapil
2)BALASUBRAMANIYAN Saravanan
3)THOMAS Tito

(57) Abstract :
A mobile wireless device adapts roaming parameters used to determine searching for and switching among access points. The roaming parameters are adjusted based on a wireless network characterization for access points that includes a detected wireless network type. In an embodiment the wireless network type is characterized by a service set identifier and a number of unique basic service set identifiers associated with the service set identifier per radio frequency band. Roaming parameters include a scan threshold a roam threshold and a time interval between successive scans.

No. of Pages : 44 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.4128/CHENP/2013 A
(19) INDIA
(22) Date of filing of Application :28/05/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : VENDING MODIFIED CLIMATE CONTROL DEVICE

(51) International classification :G07F17/00
(31) Priority Document No :61/418674
(32) Priority Date :01/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062448
Filing Date :29/11/2011
(87) International Publication No :WO 2012/075038
(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 :403 King George Road Suite 205 Basking Ridge New Jersey 07920 U.S.A.
(72)**Name of Inventor :**
1)GORDON Michael
2)PASCH Scott

(57) Abstract :
A user input comprising a climate control parameter is received. A climate control subsystem that is configured to modify an environment based on the climate control parameter is activated. A payment message that is based on a usage parameter is transmitted to a billing system. The payment message results in a charge being made to an account of the user.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2491/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :02/04/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : ULTRAVIOLET LIGHT ABSORBING MATERIALS FOR INTRAOCULAR LENS AND USES THEREOF

(51) International classification :C08F220/28,C08F220/36
(31) Priority Document No :61/535849
(32) Priority Date :16/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055561
Filing Date :14/09/2012
(87) International Publication No :WO 2013/040449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BENZ RESEARCH AND DEVELOPMENT CORP.
Address of Applicant :6447 Parkland Drive P.O. Box 1839 Sarasota Florida 34230 1839 U.S.A.
(72)**Name of Inventor :**
1)REBOUL Adam
2)BENZ Patrick H

(57) Abstract :
A method for reducing the transmittance of ultraviolet radiation through an intraocular lens to 10 % or less at 370 nm by (a) polymerizing a mixture comprising: at least one first monomer and a second monomer comprising a trisaryl 1 3 5 triazine moiety (b) forming an optic portion from the copolymer wherein the second monomer is present in about 0.10 to about 0.20 percent by weight of the overall polymer and wherein the optic portion of the intraocular lens displays essentially the same physical properties such as for example refractive index as the optic portion of the intraocular lens formed from the polymerized mixture of (a) without the second monomer but otherwise identical conditions. Additionally a method for preventing the transmittance of at least 90% of ultraviolet radiation at 370 nm through a foldable intraocular lens comprising: (a) incorporating a monomer comprising a 4 (4 6 diphenyl 1 3 5 triazin 2 yl) 3 hydroxyphenoxy moiety into at least one polymer and (b) forming the polymer into a material suitable for use as an intraocular lens wherein the monomer comprising a 4 (4 6 diphenyl 1 3 5 triazin 2 yl) 3 hydroxyphenoxy moiety comprises 0.10 to 0.15 weight percent of the overall dry polymer.

No. of Pages : 29 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2390/CHENP/2014 A
(19) INDIA
(22) Date of filing of Application :28/03/2014
(43) Publication Date : 19/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR MR EXAMINATION AND TEMPERATURE CONTROL SYSTEM AND METHOD

(51) International classification :G01R33/28,G01R33/48,A61B5/055
(31) Priority Document No :61/545627
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055294
Filing Date :03/10/2012
(87) International Publication No :WO 2013/054231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
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(72)**Name of Inventor :**
1)VAN DEN BRINK Johan Samuel
2)HARVEY Paul Royston
3)FORTHMANN Peter
4)LEUSSLER Christoph
5)VERNICKEL Peter
6)WLBERN Jan Hendrik
7)GRAESSLIN Ingmar

(57) Abstract :
The invention provides an apparatus(1) for magnetic resonance (MR) examination of a subject (S) comprising: an examination region (3) for accommodating the subject (S) during the MR examination; a radio frequency system (5) for transmission of a radio frequency (RF) signal or field into the examination region (3) during the MR examination; and a temperature control system (6) for controlling the temperature of the subject (S) in the examination region (3) during the examination. The temperature control system(6) is configured to actively control or regulate an environment of the subject (S) and thereby the temperature or thermal comformt of the subject (S) based upon a detected and/or an expected temperature of the subject (S) during the MR examination. The invention also provides a method of controlling thermal comfort of the subject (S) during an examination of the subject (S) in a MR apparatus(1) comprising the steps of: estimating and/or detecting a temperature of the subject (S) during the MR examination and actively controlling or regulating the environment of the subject (S) based upon the estimated and/or detected temperature of the subject (S) during the MR examination.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.2463/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PYRAZOLOQUINOLINE DERIVATIVE

(51) International classification :C07D471/04,A61K31/437,A61K31/444
(31) Priority Document No :61/544860
(32) Priority Date :07/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/075748
Filing Date :04/10/2012
(87) International Publication No :WO 2013/051639
(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)NORIMINE Yoshihiko
2)TAKEDA Kunitoshi
3)HAGIWARA Koji
4)SUZUKI Yuichi
5)ISHIHARA Yuki
6)SATO Nobuaki

(57) Abstract :
A compound represented by formula (I) or a pharmacologically acceptable salt thereof which has an inhibitory effect on PDE9 and therefore is expected as being capable of increasing the cGMP level in the brain. Since the inhibitory effect on PDE9 and an increase in the cGMP level contribute to improvement in learning and memory behavior the aforesaid compound or a pharmacologically acceptable salt thereof would be available as a remedy for cognitive dysfunction in Alzheimer s disease. In formula (I): R represents a hydrogen atom; R represents an aromatic ring group etc.; R represents a hydrogen atom etc.; R represents a hydrogen atom; R represents an oxepanyl group etc.; and R represents a hydrogen atom.

No. of Pages : 147 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.2407/CHENP/2014 A
(43) Publication Date : 19/06/2015

(54) Title of the invention : PROCESS LINE FOR THE PRODUCTION OF FREEZE DRIED PARTICLES

(51) International classification :F26B5/06,A61K9/16
(31) Priority Document No :11008057.9
(32) Priority Date :05/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/004162
Filing Date :04/10/2012
(87) International Publication No :WO 2013/050156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANOFI PASTEUR S A
Address of Applicant :2 avenue pont Pasteur F 69007 Lyon France
(72)**Name of Inventor :**
1)LUY Bernhard
2)PLITZKO Matthias
3)STRUSCHKA Manfred

(57) Abstract :
A process line (300) for the production of freeze dried particles under closed conditions comprising at least a spray chamber (302) for droplet generation and freeze congealing of the liquid droplets to form particles and a bulk freeze dryer (304) for freeze drying the particles the freeze dryer (304) comprising a rotary drum for receiving the particles. Further a transfer section (308) is provided for a product transfer from the spray chamber (302) to the freeze dryer (304). For the production of the particles under end to end closed conditions each of the devices (302 304) and of the transfer section (308) is separately adapted for operation preserving sterility of the product to be freeze dried and/or containment.

No. of Pages : 56 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.5840/CHE/2013 A
(19) INDIA
(22) Date of filing of Application :16/12/2013
(43) Publication Date : 19/06/2015

(54) Title of the invention : DOCKING SYSTEM

(51) International classification :B64G
(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)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)DARSHAN, SANTOSH

(57) Abstract :
A docking system for a portable device for use in thermal validator is provided. The docking system includes a housing assembly, a locking subsystem and a retaining member. The locking subsystem is provided on the housing assembly for locking and unlocking the portable device when disposed inside the housing assembly. The retaining member couples the housing assembly to an input-output module.

No. of Pages : 30 No. of Claims : 25

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENTS UNDER SECTION 60 OF THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN 2 MONTHS FROM THE DATE OF PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM-14 UNDER RULE 85 OF THE PATENTS (AMENDMENT) RULES, 2006.

Sl. No.	PATENT NOS.	NAME OF THE APPLICANT	TITLE	DATE OF CESSATION	APPRO-PRIATE OFFICE
1.	192143	Malshe Vinod Chintamani	A plant for manufacturing cement and simultaneously generating electricity and process thereof	19/03/2014	Mumbai
2.	192012	Malshe Vinod Chintamani	A process for production of micro-porous microsphers of polymers and polymeric pigments therefrom	19/03/2014	Mumbai
3.	213202	Godrej Agrovet Limited	A process for the preparation of emulsifi-able myco-chemical herbicide concentrate	20/05/2014	Mumbai

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT(CHENNAI)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANT	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
237285	M/s. BIOCON LIMITED	A PROCESS FOR OBTAINING A PURE FORM OF RAPAMYCIN	10/11/2014	CHENNAI
257450	M/s. BIOCON LIMITED	A PROCESS FOR PREPARATION OF INSULIN COMPOUNDS	07/08/2014	CHENNAI
237293	M/s. BIOCON LIMITED	A NOVEL PROCESS FOR THE RECOVERY OF TACROLIMUS IH SUBSTANTIALLY PURE FORM	05/12/2014	CHENNAI
207638	M/s. BIOCON LIMITED	A PROCESS FOR PRODUCING PRAVASTATIN SODIUM SALT USING STREPTOMYCES FLAVIDOVIRENS DSM 14455	27/09/2014	CHENNAI
245135	M/s. BIOCON LIMITED	PROCESS FOR THE PREPARATION OF AMORPHOUS FLUVASTATIN SODIUM	05/10/2014	CHENNAI
243313	M/s. BIOCON LIMITED	A METHOD FOR PRODUCING N-TERMINAL METHIONINE FREE POLYPEPTIDES IN MICROBIAL HOST CELLS	30/11/2014	CHENNAI
259104	M/s. BIOCON LIMITED	A METHOD FOR PRODUCING BIOLOGICALLY ACTIVE POLYPEPTIDE HAVING INSULINOTROPIC ACTIVITY	25/02/2014	CHENNAI
202972	M/s. BIOCON LIMITED	A PROCESS FOR PRODUCING PRAVASTATIN SODIUM SALT USING STREPTOMYCES FLAVIDOV1RENS DSM	27/09/2014	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	266896	3049/DELNP/2009	04/10/2007	10/10/2006	ACTIVE SUBSTANCE COMPOSITION ON THE BASIS OF METALLOCENE POLYOLEFIN WAXES FOR PRODUCING STABILIZED, LIGHT-RESISTANT PLASTIC MATERIALS	CLARIANT FINANCE (BVI) LIMITED	16/04/2010	DELHI
2	266915	3801/DELNP/2006	01/12/2004	05/12/2003	TECHNIQUE FOR FILM GRAIN SIMULATION USING A DATABASE OF FILM GRAIN PATTERNS	THOMSON LICENSING	22/06/2007	DELHI
3	266921	1381/DEL/2004	26/07/2004	21/08/2003	METHOD OF PRODUCING FINE FIBRES	ZIMMER GMBH	18/08/2006	DELHI
4	266930	2636/DELNP/2004	10/03/2003	12/03/2002	A PROCESS VESSEL FOR EVAPORATING A LIQUID FEED AND TREATING RESULTING VAPOUR, AND A METHOD IMPLEMENTED THEREIN	UOP LLC	17/04/2009	DELHI
5	266931	3046/DELNP/2007	24/11/2005	26/11/2004	DRAW AND BUFFER GEAR, ESPECIALLY FOR CENTRAL BUFFER COUPLINGS OF RAIL VEHICLES	VOITH TURBO SCHARFENBERG GMBH & CO. KG	31/08/2007	DELHI
6	266933	2419/DELNP/2005	09/11/2003	16/12/2002	FIREARM MAGAZINE WITH STATUS INDICATOR	HAMAFTEACH HAMISTOVEV L.T.D	25/05/2007	DELHI
7	266936	2028/DEL/2004	18/10/2004	21/10/2003	CONTROL METHOD FOR TEXTILE MACHINES, IN PARTICULAR FOR CROCHET MACHINES	LUIGI OMODEO ZORINI	08/09/2006	DELHI
8	266938	6128/DELNP/2005	26/11/2002	26/11/2001	A SHEET OF PAPER INCLUDING WATERMARKS	DE LA RUE INTERNATIONAL LIMITED	31/08/2007	DELHI
9	266941	2236/DEL/2004	09/11/2004		AN ATTACHMENT DEVICE FOR HAND HELD DRILLING MACHINE TO PREVENT FALLING OF COAL DUST DURING VERTICAL DRILLING IN MINE ROOFS.	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	08/09/2006	DELHI

10	266948	1625/DELNP/2008	08/09/2006	09/09/2005	AN ABSORBENT ARTICLE FOR WEARING IN AN UNDERGARMENT	THE PROCTER & GAMBLE COMPANY	25/07/2008	DELHI
11	266953	403/DEL/2005	24/02/2005	06/03/2004	A REVERSAL MECHANISM FOR ROLLING RING DRIVES	JOACHIM UHING GMBH & CO	05/01/2007	DELHI
12	266955	948/DEL/2006	04/04/2006	13/04/2005	DEVICE FOR THE AUTOMATIC DOFFING OF BOBBINS IN A CROSSWINDING MACHINE	SAVIO MACCHINE TESSILI S.P.A.	31/08/2007	DELHI
13	266963	1139/DEL/2005	05/05/2005	30/06/2004	MULTI-CHANNEL ECHO CANCELLATION WITH ROUND ROBIN REGULARIZATION	MICROSOFT TECHNOLOGY LICENSING, LLC	31/07/2009	DELHI
14	266967	5135/DELNP/2006	10/03/2004	10/03/2004	DEVICE FOR MUTUAL POSITIONING OF LONGITUDINAL BUILDING COMPONENTS	SYNTHES GMBH	13/07/2007	DELHI
15	266968	5991/DELNP/2006	02/03/2005	19/04/2004	FOOT-PROPELLED WHEELED HOBBY AND/OR SPORT DEVICE	M W INNOVATORS LIMITED	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	266888	1973/MUMNP/2008	07/03/2007	07/03/2006	COMPOSITIONS COMPRISING METATHESIZED UNSATURATED POLYOL ESTERS	ELEVANCE RENEWABLE SCIENCES, INC.	20/02/2009	MUMBAI
2	266893	1870/MUMNP/2007	07/03/2006	11/05/2005	SMART TAG ACTIVATION	INTELLEFLEX CORPORATION	07/12/2007	MUMBAI
3	266895	1323/MUMNP/2008	26/12/2006	23/12/2005	ANTENNAS WITH POLARIZATION DIVERSITY	RUCKUS WIRELESS, INC.	19/09/2008	MUMBAI
4	266897	607/MUMNP/2007	29/09/2005	29/09/2004	WIRELESS DEVICE TO MANAGE CROSS-NETWORK TELECOMMUNICATION SERVICES	TRAVERSE INC	27/07/2007	MUMBAI
5	266898	293/MUM/2007	14/02/2007		ROTARY ADJUSTABLE HEAD RESTRAINT FOR AUTOMOBILE SEAT	MAHINDRA & MAHINDRA LTD.	18/04/2008	MUMBAI
6	266907	1010/MUM/2008	12/05/2008		A HYDRAULICALLY OPERATED TRASH RACK CLEANING MACHINE	GMW PRIVATE LIMITED	01/08/2008	MUMBAI
7	266908	3568/MUM/2010	30/12/2010		ANTIINFLAMMATORY COMPOSITION	ZOTA HEALTH CARE LTD.	18/02/2011	MUMBAI
8	266909	81/MUM/2011	10/01/2011 16:37:55		PROCESS FOR THE PREPARATION OF ALDITOL ACETALS	RELIANCE INDUSTRIES LTD.	17/08/2012	MUMBAI
9	266910	826/MUMNP/2008	07/11/2006	08/11/2005	METHOD FOR PROVIDING ASSISTANCE DATA TO A MOBILE STATION OF A SATELLITE POSITIONING SYSTEM	THE EUROPEAN GNSS SUPERVISORY AUTHORITY	05/09/2008	MUMBAI
10	266932	1962/MUM/2009	26/08/2009 15:12:31		METHOD FOR PRODUCING PROANTHOCYANIDIN POLYMER COMPOSITIONS FOR PHARMACEUTICAL FORMULATIONS	GLENMARK PHARMACEUTICALS LTD	14/10/2011	MUMBAI
11	266949	2242/MUMNP/2008	26/04/2007	28/04/2006	SLIDE TYPE WRITING TOOLS HAVING DEVICE FOR PREVENTING DRYNESS	MORRIS CORPORATION	16/01/2009	MUMBAI

12	266952	595/MUMNP/2007	02/11/2005	11/11/2004	A PAPERMAKER'S FABRIC FOR USE AS A FABRIC AND METHOD OF PRODUCING THE SAME	ALBANY INTERNATIONAL CORP.	27/07/2007	MUMBAI
13	266962	358/MUMNP/2010	25/08/2008	27/08/2007	METAL CORROSION INHIBITION	MOMENTIVE PERFORMANCE MATERIALS, INC	16/07/2010	MUMBAI
14	266964	394/MUMNP/2011	04/09/2009	09/09/2008	THIOETHERIFICATION PROCESSES FOR THE REMOVAL OF MERCAPTANS FROM GAS STREAMS	LUMMUS TECHNOLOGY , INC.	02/09/2011	MUMBAI
15	266965	954/MUMNP/2010	14/10/2008	11/10/2007	METHOD AND DEVICE FOR FLUORIDE REMOVAL FROM DRINKING WATER	CLEANWATER CAPITAL ,LLC	17/09/2010	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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	266886	1314/CHENP/2008	14/09/2006	16/09/2005	SPECTRUM MEASUREMENT MANAGEMENT FOR DYNAMIC SPECTRUM ACCESS WIRELESS SYSTEMS	KONINKLIJKE PHILIPS ELECTRONICS N.V.	28/11/2008	CHENNAI
2	266889	7032/CHENP/2008	20/07/2006	20/07/2006	ELECTRIC-VEHICLE CONTROLLER	MITSUBISHI ELECSTRICAL CORPORATION	27/03/2009	CHENNAI
3	266890	1884/CHENP/2007	03/11/2005	03/11/2004	ROTATABLE DEVICE FOR HOLDING A SUBSTRATE	SSS MICRO TEC LITHOGRAPHY GMBH	31/08/2007	CHENNAI
4	266891	3046/CHE/2008	03/12/2008 16:43:50	19/12/2007	SHEET CONVEYANCE APPARATUS AND IMAGE FORMING APPARATUS INCLUDING THE SAME	CANON KABUSHIKI KAISHA	11/09/2009	CHENNAI
5	266892	2172/CHENP/2008	01/11/2006	01/11/2005	METHOD FOR OBTAINING DISEASE RESISTANT PLANTS	UNIVERSITEIT UTRECHT HOLDING B.V	06/03/2009	CHENNAI
6	266894	6061/CHENP/2007	04/05/2006	30/06/2005	CONTACT RING ASSEMBLY FOR A ROTOR OF AN ELECTRICAL MACHINE, ELECTRICAL MACHINE WITH A CONTACT RING ASSEMBLY AS WELL AS PROCESS FOR MANUFACTURE OF A CONTACT RING ASSEMBLY	ROBERT BOSCH GmbH	27/06/2008	CHENNAI
7	266899	5710/CHENP/2008	10/05/2007	11/05/2006	ROUTING IN A MESH NETWORK	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
8	266900	3141/CHENP/2008	17/11/2006	22/11/2005	METHOD AND APPARATUS FOR INSPECTING A CONTAINER SIDEWALL CONTOUR	OWENS-BROCKWAY GLASS CONTAINER INC	06/03/2009	CHENNAI
9	266901	1557/CHENP/2009	19/09/2006	19/09/2006	A FLAME DETECTOR ARRANGEMENT FOR MONITORING A FLAME DURING A COMBUSTION PROCESS IN A FURNACE	ABB RESEARCH LTD.	26/06/2009	CHENNAI

10	266902	1896/CHE/2005	23/12/2005		HIGH OR MEDIUM VOLTAGE SWIVEL	SINGLE BUOY MOORINGS INC.	27/07/2007	CHENNAI
11	266904	1238/CHENP/2010	10/08/2007	10/08/2007	A METHOD FOR PROVIDING PLANTS OF THE SOLANACEAE FAMILY HAVING A REDUCED SYMPODIAL INDEX	ENZA ZADEN BEHEER B.V.	13/08/2010	CHENNAI
12	266905	369/CHE/2006	02/03/2006 13:06:54		METHOD FOR MAXIMUM PERCENT RECOVERY AND DETECTION OF ORGANOCHLORINE AND ORGANOPHOSPHOROUS PESTICIDES TOGETHER FROM BRACKISHWATER/COASTAL WATER	INDIAN COUNCIL OF AGRICULTURAL RESEARCH	07/12/2007	CHENNAI
13	266911	2727/CHENP/2007	21/11/2005	24/11/2004	MULTI-FEATURE TIME FILTERING FOR ENHANCING STRUCTURES IN NOISY IMAGES	KONINKLIJKE PHILIPS ELECTRONICS N.V.	07/09/2007	CHENNAI
14	266912	1517/CHENP/2007	27/09/2005	29/10/2004	PAPER WITH PHOTO-FEEL BACKCOAT	HEWELETT-PACKARD DEVELOPMENT COMPANY, L.P.	31/08/2007	CHENNAI
15	266913	4805/CHENP/2007	24/04/2006	28/04/2005	PROCESS FOR DESULPHURIZING OLEFINIC GASOLINE	INSTITUT FRANCAIS DU PETROLE	25/01/2008	CHENNAI
16	266914	5411/CHENP/2007	24/05/2006	25/05/2005	DRIVER AND FLUX CONTROL METHOD FOR A LIGHT EMITTING DIODE STRING	KONINKLIJKE PHILIPS ELECTRONICS N.V.	27/06/2008	CHENNAI
17	266916	2619/CHENP/2007	18/11/2005	18/11/2004	A METHOD FOR DETECTING EARTH FAULTS IN AN ELECTRICAL POWER SUPPLY GRID	PowerSense A/S	07/09/2007	CHENNAI
18	266918	1052/CHENP/2008	28/08/2006	02/09/2005	PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF OVERACTIVE BLADDER	THERA VIDA, INC	12/09/2008	CHENNAI
19	266920	323/CHE/2004	07/04/2004	16/04/2003	INTEGRATED HIGH PRESSURE NLG RECOVERY IN THE PRODUCTION OF LIQUEFIED NATURAL GAS	AIR PRODUCTS AND CHEAMICALS INC	24/03/2006	CHENNAI
20	266922	1744/CHE/2006	22/09/2006		METHOD FOR MANAGING AN INCOMING REAL DURING A FAKE CALL	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI

21	266924	4146/CHENP/2007	21/04/2006	22/04/2005	VARYING PROPERTIES ALONG LENGTHS OF TEMPERATURE LIMITED HEATERS	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	16/11/2007	CHENNAI
22	266926	6885/CHENP/2008	15/06/2007	16/06/2006	METHOD FOR MANUFACTURING A SEALING BLADDER MADE OF THERMOSETTING POLYMER FOR PRESSURIZED FLUID STORAGE TANK	Commissariat a I'energie atomique et aux energies alternatives,RAIGI	27/03/2009	CHENNAI
23	266939	4990/CHENP/2007	05/04/2006	06/04/2005	COMBINED AIR-SUPPLYING / AIR-PURIFYING SYSTEM	Scott Technologies, Inc.	27/06/2008	CHENNAI
24	266940	5513/CHENP/2007	25/04/2006	01/06/2005	TOOL WITH FINE ADJUSTMENT	KENNAMETAL INC.	28/03/2008	CHENNAI
25	266942	380/CHE/2006	03/03/2006		AN IMPROVED WATCH DOG TIMER	SKANRAY HEALTHCARE PRIVATE LIMITED	28/12/2007	CHENNAI
26	266943	2285/CHENP/2008	09/11/2006	10/11/2005	POWER LINE COMMUNICATION APPARATUS AND POWER LINE COMMUNICATION METHOD	PANASONIC CORPORATION	06/03/2009	CHENNAI
27	266944	264/CHENP/2007	22/06/2004	22/06/2004	METER ELECTRONICS AND METHOD FOR DETECTING A RESIDUAL MATERIAL IN A FLOW METER ASSEMBLY	MICRO MOTION, INC	24/08/2007	CHENNAI
28	266947	2458/CHENP/2008	09/11/2006	18/11/2005	METHOD OF MAKING A LITHOGRAPHIC PRINTING PLATE	AGFA GRAPHICS NV	06/03/2009	CHENNAI
29	266950	3072/CHENP/2008	20/12/2006	20/12/2005	SYSTEM AND METHOD FOR A PROGRAMMABLE MULTIMEDIA CONTROLLER	SAVANT SYSTEMS LLC	06/03/2009	CHENNAI
30	266954	4882/CHENP/2007	16/03/2006	30/03/2005	SCALABLE MULTI-CHANNEL AUDIO CODING	KONINKLIJKE PHILIPS ELECTRONICS N.V.	25/01/2008	CHENNAI
31	266956	2874/CHENP/2009	23/11/2007	24/11/2006	PROCESS FOR THE CONVERSION OF NITRILE COMPOUNDS TO CARBOXYLIC ACIDS AND CORRESPONDING ESTERS	RHODIA OPERATIONS	21/08/2009	CHENNAI
32	266958	4147/CHENP/2008	05/02/2007	09/02/2006	ANTI-SHOCK COLLET	THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD.	13/03/2009	CHENNAI

33	266959	4211/CHENP/2006	15/10/2004	21/06/2004	METHODS AND APPARATUS FOR SELECTING BETWEEN MULTIPLE CARRIERS BASED ON SIGNAL ENERGY MEASUREMENT	QUALCOMM Incorporated	22/06/2007	CHENNAI
34	266960	1106/CHENP/2008	05/09/2006	07/09/2005	METHOD FOR TREATING WASTES FROM TEREPHTHALIC ACID PROCESS	HANWHA CHEMICAL CORPORATION,SAM NAM PETROCHEMICAL CO., LTD.	12/09/2008	CHENNAI
35	266961	114/CHENP/2006	06/06/2005	10/06/2004	A METHOD FOR ADVANCED CHROMA ENHANCEMENT IN A CAMERA SYSTEM	QUALCOMM Incorporated	19/10/2007	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	266887	2266/KOLNP/2008	12/12/2006	12/12/2005	BASE OIL COMPRISING BRANCHED HYDROCARBONS AND PROCESS FOR PRODUCING IT	NESTE OIL OYJ	16/01/2009	KOLKATA
2	266903	202/KOLNP/2009	07/08/2007	08/08/2006	HYDROGENATED BLOCK COPOLYMERS AND CROSSLINKING COMPOSITIONS CONTAINING THE SAME	ASAHI KASEI CHEMICALS CORPORATION	08/05/2009	KOLKATA
3	266906	645/KOLNP/2008	04/04/2003	04/04/2002	A COMPOSITION OF AN IMMUNOSTIMULATORY RNA OLIGOMER	ZOETIS BELGIUM S.A.	14/11/2008	KOLKATA
4	266917	1452/KOL/2008	26/08/2008 17:06:27		DEVICE AND METHOD FOR DRILLING FAN BLADE LOCKING HOLES ON A ROTOR OF A LARGE SIZE TURBOGENERATOR	BHARAT HEAVY ELECTRICALS LIMITED	05/03/2010	KOLKATA
5	266919	461/KOL/2007	23/03/2007	30/05/2006	AN EXHAUST AFTER-TREATMENT SYSTEM FOR A VEHICLE AND A METHOD OF MONITORING A DOSING AGENT IN AN EXHAUST-TREATMENT SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC	14/12/2007	KOLKATA
6	266923	238/KOL/2005	28/03/2005	30/03/2004	SCROLL FLUID MACHINE	ANEST IWATA CORPORATION	17/11/2006	KOLKATA
7	266925	2139/KOLNP/2007	09/12/2005	23/12/2004	GEAR PAIR COMPRISING A CROWN GEAR AND PINION	THYSSENKRUPP PRAZISIONSSCHMIEDE GMBH	07/09/2007	KOLKATA
8	266927	1246/KOL/2006	20/11/2006	17/01/2006	TRACTION CONTROL METHOD FOR A TRACKED VEHICLE FOR ESTABLISHING A MINIMUM ALLOWABLE TURN RADIUS	GM GLOBAL TECHNOLOGY OPERATIONS ,INC	03/04/2009	KOLKATA

9	266928	968/KOL/2006	25/09/2006	21/11/2006	AN ENGINE IDLE FAULT CONTROL SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS INC	18/07/2008	KOLKATA
10	266929	1185/KOL/2006	07/11/2006	23/12/2005	VEHICLE PROPULSION SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS INC	20/07/2007	KOLKATA
11	266934	3027/KOLNP/2009	12/02/2008	12/02/2007	METHODS AND APPARATUS FOR AGGREGATING COMMUNICATION CHANNEL	MUSHROOM NETWORKS, INC.	20/08/2010	KOLKATA
12	266935	898/KOL/2008	19/05/2008	08/06/2007	RUBBER COMPOSITION FOR TIRE, AND TIRE	SUMITOMO RUBBER INDUSTRIES, LTD.	24/04/2009	KOLKATA
13	266937	1405/KOL/2009	02/12/2009 14:28:35		A PROCESS FOR MANUFACTURING SILICA BRICKS WITH REDUCED THERMAL EXPANSION	DALMIA INSTITUTE OF SCIENTIFIC & INDUSTRIAL RESEARCH,OCL INDIA LIMITED	13/08/2010	KOLKATA
14	266945	858/KOL/2008	08/05/2008	28/06/2007	A SELECTIVELY ENGAGEABLE ONE-WAY CLUTCH AND SYNCHRONIZER ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
15	266946	1899/KOLNP/2006	02/08/1999	06/08/1998	A METHOD FOR ISOLATING A TETRAMERIC FORM OF URICASE FROM A SOLUTION OF PURIFIED URATE OXIDASE (URICASE)	MOUNTAIN VIEW PHARMA CEUTTCALS, INC.,,DUKE UNIVERSITY	11/05/2007	KOLKATA
16	266951	1512/KOLNP/2009	14/08/2008	14/08/2007	METHOD FOR ACQUIRING RESOURCE REGION INFORMATION FOR PHICH AND METHOD OF RECEIVING PDCCH	LG ELECTRONICS INC.	29/05/2009	KOLKATA
17	266957	2931/KOLNP/2008	30/11/2006	29/12/2005	AN EXHAUST SYSTEM FOR A MOTOR VEHICLE	EMCON TECHNOLOGIES GERMANY (AUGSBURG) GMBH	06/02/2009	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 LEXMARK INTERNATIONAL, INC. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
236064	18-99	FUNAI ELECTRIC CO., LTD., A JAPANESE CORPORATION HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 7-7-1, NAKAGAITO, DAITO CITY, OSAKA 574-0013 JAPAN

The Design stands in the name of MONIER TECHNICAL CENTRE LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
196410	25-01	MONIER ROOFING GMBH, A COMPANY INCORPORATED UNDER THE LAWS OF GERMANY OF FRANKFURTER LANDSTRABE 2-4, 61440 OBERURSEL, GERMANY

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	198885	07.04.2015
2.	199165	10.04.2015
3.	199166	10.04.2015
4.	199167	10.04.2015
5.	199173	10.04.2015
6.	199174	10.04.2015
7.	199149	28.04.2015
8.	199151	28.04.2015
9.	199355	28.04.2015
10.	199404	28.04.2015

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

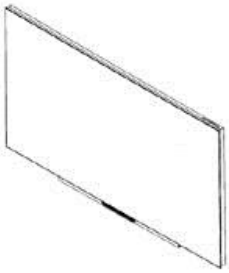
DESIGN NUMBER	265236
CLASS	07-01
1)SANIMAR COMPANY LTD., HAVING THEIR OFFICE AT IKBAL CD., YATAY SK. NO. 13/19, UMRANIYE, ISTANBUL, TURKEY.	
DATE OF REGISTRATION	28/08/2014
TITLE	GLASS MUG
PRIORITY NA	

DESIGN NUMBER	265574
CLASS	08-05
1)MR. PAWAN ABBOTT R/O D941, 1ST FLOOR, NEW FRIENDS COLONY, NEW DELHI-65 AN INDIAN CITIZENS, DIRECTOR OF ABBOTT TOOLFAST PVT. LTD., 16, SECTOR-27A, FARIDABAD, HARYANA AN INDIAN COMPANY	
DATE OF REGISTRATION	10/09/2014
TITLE	WEDGE CLAMP
PRIORITY NA	

DESIGN NUMBER	265795
CLASS	14-03
1)BANG & OLUFSEN A/S, A DANISH PUBLIC LIMITED COMPANY OF THE ADDRESS PETER BANGS VEJ 15, 7600 STRUER, DENMARK	
DATE OF REGISTRATION	22/09/2014
TITLE	TELEVISION

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DA 2014 00030	24/03/2014	DENMARK

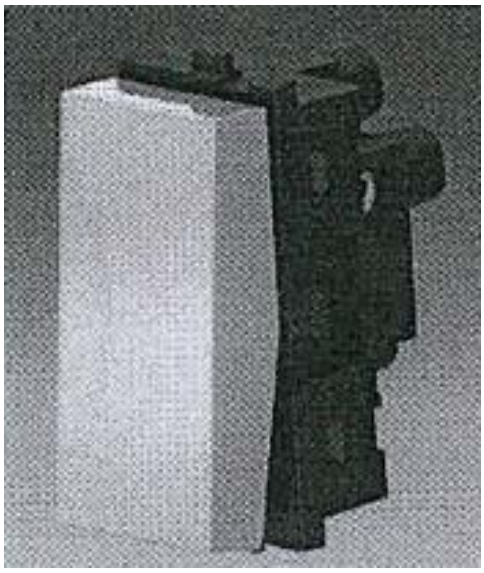


DESIGN NUMBER	267925
CLASS	13-03

1)DEVENDRA K JAIN TRADING AS VIHAN ELECTRICALS, A PROPRIETORSHIP FIRM HAVING PLACE OF BUSINESS AT
MANAV-5, BEHIND GAMDEVI MANDIR, OPPOSITE SAI SERVICE, SATIVALI VILLAGE, VASAI (EAST), DIST. THANE, MAHARASHTRA 401208

DATE OF REGISTRATION	04/12/2014
TITLE	ELECTRICAL SWITCH

PRIORITY NA



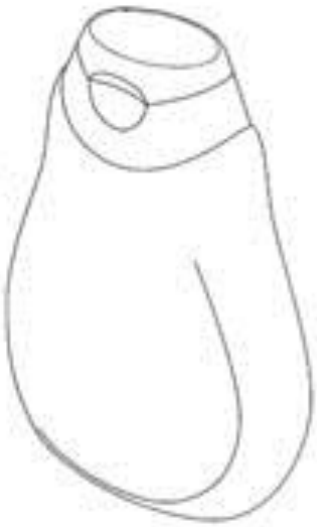
DESIGN NUMBER	268258
CLASS	09-01

1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF
UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION	17/12/2014
TITLE	BOTTLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002492942-0001	30/06/2014	OHIM



DESIGN NUMBER	264641
CLASS	12-12

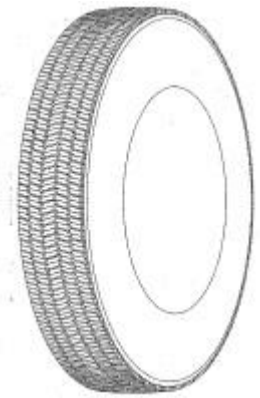
1)MR. PRASHANT V. KAMAT, INDIAN NATIONAL ON BEHALF OF KAMAT FOUNDATION (GOA), A TRUST HAVING ITS PRINCIPAL PLACE OF BUSINESS ADDRESS AT
L-90, PHASE II E, VERNA INDUSTRIAL ESTATE, VERNA, GOA-403722

DATE OF REGISTRATION	11/08/2014
TITLE	STRETCHER

PRIORITY NA

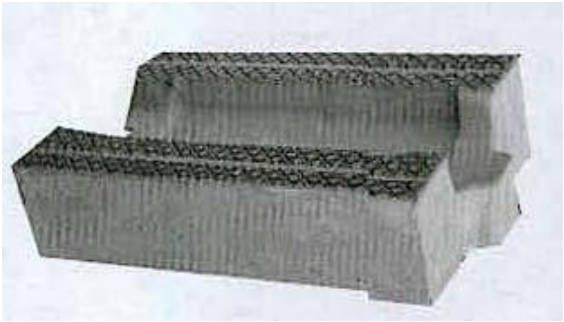
DESIGN NUMBER	266396
CLASS	12-15
1)COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN, A FRENCH COMPANY OF 12 COURS SABLON, FR-63000, CLERMONT-FERRAND, FRANCE, AND MICHELIN RECHERCHE ET TECHNIQUE, S.A., A SWISS COMPANY OF ROUTE LOUIS-BRAILLE 10, CH-1763, GRANGES-PACCOT, SWITZERLAND	
DATE OF REGISTRATION	07/10/2014
TITLE	TIRE TREAD
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/488,987	25/04/2014	U.S.A.



DESIGN NUMBER	265237
CLASS	07-01
1)SANIMAR COMPANY LTD., HAVING THEIR OFFICE AT IKBAL CD., YATAY SK. NO. 13/19, UMRANIYE, ISTANBUL, TURKEY.	
DATE OF REGISTRATION	28/08/2014
TITLE	SHOT GLASS
PRIORITY NA	

DESIGN NUMBER	266049
CLASS	15-09
1)RANJITH GEORGE, ATHALATHIL HOUSE, MULAMKUNNATHUKAVU, THADAPARAMBU, THRISSUR-680581, KERALA STATE, INDIAN CITIZEN	
DATE OF REGISTRATION	25/09/2014
TITLE	MOULD FOR CONCRETE BRICK CONSTRUCTION
PRIORITY NA	



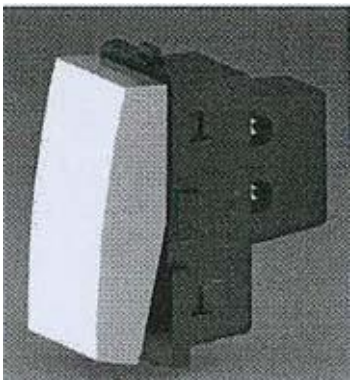
DESIGN NUMBER	266645
CLASS	09-03
1)INGER BJÖRSING, A SWEDISH CITIZEN, OF BANDHUSGATAN 29 261 30 LANDSKRONA, SWEDEN	
DATE OF REGISTRATION	10/10/2014
TITLE	FOLDING BOX FOR ON-LINE PACKAGING
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002468009-0001	21/05/2014	OHIM

DESIGN NUMBER	265699
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	16/09/2014
TITLE	TIRE TREAD
PRIORITY	

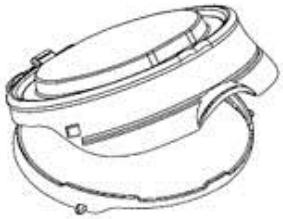
PRIORITY NUMBER	DATE	COUNTRY
JP2014-005827	19/03/2014	JAPAN

DESIGN NUMBER	267926
CLASS	13-03
1)DEVENDRA K JAIN TRADING AS VIHAN ELECTRICALS, A PROPRIETORSHIP FIRM HAVING PLACE OF BUSINESS AT MANAV-5, BEHIND GAMDEVI MANDIR, OPPOSITE SAI SERVICE, SATIVALI VILLAGE, VASAI (EAST), DIST. THANE, MAHARASHTRA 401208	
DATE OF REGISTRATION	04/12/2014
TITLE	ELECTRICAL SWITCH
PRIORITY NA	



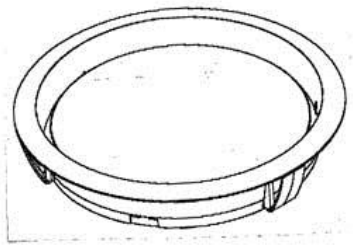
DESIGN NUMBER	264658
CLASS	09-03
1)GONZALEZ SANCHEZ, JOSE FRANCISCO, OF C/SALVADOR ESPRIU, Nº 33 1º B CALDES DE MONTBUI, BARCELONA 08140, SPAIN, A NATIONAL OF SPAIN	
DATE OF REGISTRATION	11/08/2014
TITLE	CAP FOR CONTAINERS
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002406058-0001	17/02/2014	OHIM



DESIGN NUMBER	265599
CLASS	02-02
1)RAMSON EXPORTS (INDIA), 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141007 (PUNJAB), INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PARTNERS ARE:- ARJUN SOOD AND KARUNA SOOD BEING INDIAN NATIONALS OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	10/09/2014
TITLE	T-SHIRT
PRIORITY NA	

DESIGN NUMBER	267426
CLASS	26-05
1)PHOTOQUIP INDIA LTD., A-33, ROYAL INDUSTRIAL ESTATE, NAIGAON CROSS ROAD, WADALA, MUMBAI-400 031. STATE OF MAHARASHTRA, INDIA, / A LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT.,	
DATE OF REGISTRATION	17/11/2014
TITLE	DOWN LIGHT
PRIORITY NA	



DESIGN NUMBER	266651
CLASS	02-02
1)RAMSON EXPORTS (INDIA) 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141 007 (PUNJAB) INDIA.	
DATE OF REGISTRATION	10/10/2014
TITLE	T-SHIRT
PRIORITY NA	

DESIGN NUMBER	265701
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI (EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/09/2014
TITLE	LADIES SUIT (SET)
PRIORITY NA	

DESIGN NUMBER	267928
CLASS	13-03
1)DEVENDRA K JAIN TRADING AS VIHAN ELECTRICALS, A PROPRIETORSHIP FIRM HAVING PLACE OF BUSINESS AT MANAV-5, BEHIND GAMDEVI MANDIR, OPPOSITE SAI SERVICE, SATIVALI VILLAGE, VASAI (EAST), DIST. THANE, MAHARASHTRA 401208	
DATE OF REGISTRATION	04/12/2014
TITLE	ELECTRICAL SWITCH
PRIORITY NA	

DESIGN NUMBER	265483
CLASS	24-01
1)VIACYTE, INC., A CORPORATION OF THE STATE OF DELAWARE, OF 3550 GENERAL ATOMICS COURT, SAN DIEGO, CA 92121, USA	
DATE OF REGISTRATION	08/09/2014
TITLE	CELL ENCAPSULATION DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/484,358	07/03/2014	U.S.A.

DESIGN NUMBER	265824
CLASS	08-06
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, ‘‘KRISHNA’’ • , NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA.	
DATE OF REGISTRATION	22/09/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	268215
CLASS	12-16
1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW, OF 85045 INGOLSTADT, GERMANY	
DATE OF REGISTRATION	16/12/2014
TITLE	WHEEL RIM FOR VEHICLES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002498501-0001	08/07/2014	OHIM

DESIGN NUMBER	265255
CLASS	09-01
1)CLASSIC PERFUME CENTRE, 6TH SHEPERD ROAD, IBRAHIM MANSION, 4TH FLOOR, FLAT NO. 19, MUMBAI 400008, (NEXT TO SABOO SIDDIQUE COLLEGE), AN INDIAN PROPRIETOR FIRM	
DATE OF REGISTRATION	28/08/2014
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	265458
CLASS	24-01
1)VIACYTE, INC., A CORPORATION OF THE STATE OF DELAWARE, OF 3550 GENERAL ATOMICS COURT, SAN DIEGO, CA 92121, USA	
DATE OF REGISTRATION	05/09/2014
TITLE	CELL ENCAPSULATION DEVICE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/484,362	07/03/2014	U.S.A.

DESIGN NUMBER	264845
CLASS	08-06
1)IPSA BUSINESS (INDIA) PVT. LTD., 51/1/17, SITE-IV, INDUSTRIAL AREA, SAHIBABAD-201010, GHAZIABAD, U.P., INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)	
DATE OF REGISTRATION	19/08/2014
TITLE	DOOR HANDLE SET
PRIORITY NA	

DESIGN NUMBER	267662
CLASS	07-05
1)GRINDWELL NORTON LTD A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT LEELA BUSINESS PARK, 5TH LEVEL, ANDHERI-KURLA ROAD, MAROL, ANDHERI (E), MUMBAI-400 059, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	24/11/2014
TITLE	SCOURING AND WIPING PAD
PRIORITY NA	

DESIGN NUMBER	217966
CLASS	09-01
1)RECKITT BENCKISER (UK) LIMITED., OF 103-105 BATH ROAD, SLOGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM	
DATE OF REGISTRATION	20/02/2008
TITLE	BOTTLE LID

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
000884648-0002	20/02/2008	OHIM

DESIGN NUMBER	267086
CLASS	19-02
1)HEMAL NARENDRA AND PARESH NARENDRA, INDIAN NATIONALS OF 33, VENKATRAMANA BUILDING, TEMPLE SQUARE, CAR STREET, MANGALORE-575 001, KARNATAKA, INDIA	
DATE OF REGISTRATION	29/10/2014
TITLE	GRILL HOLDER FOR STAMP MOUNTS
PRIORITY NA	

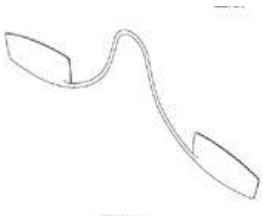
DESIGN NUMBER	265823
CLASS	08-06
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, " KRISHNA", NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA.	
DATE OF REGISTRATION	22/09/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	265158
CLASS	10-07
1)MONTRES TUDOR S.A., A JOINT STOCK COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND, OF 3, RUE FRANCOIS DUSSAUD, 1211 GENEVE 26, SWITZERLAND	
DATE OF REGISTRATION	26/08/2014
TITLE	WATCHCASE WITH WRISTLET

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
140457	28/02/2014	SWITZERLAND

DESIGN NUMBER	265361
CLASS	31-00
1)PHILIPS INDIA LIMITED, A COMPANY INCORPORATED UNDER THE PROVISIONS OF THE INDIAN COMPANIES ACT 1956 AND HAVING OFFICE AT PHILIPS INNOVATION CAMPUS, MFAR MANYATA TECH PARK, MANYATA NAGAR, NAGAVARA, BANGALORE-560045, INDIA	
DATE OF REGISTRATION	02/09/2014
TITLE	BASE UNIT OF MIXER-GRINDER
PRIORITY NA	

DESIGN NUMBER	265515	
CLASS	08-06	
1)RASIKLAL GHUSABHAI CHOVATIYA (ADULT & INDIAN NATIONAL) SOLE PROPRIETOR OF M K TECHNOCAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 2, PATEL NAGAR, SADBHAVNA, PLOT, NR: BHAGWATI ENTERPRISE, 50, FEET MAIN ROAD, RAJKOT-GUJARAT-(INDIA)		
DATE OF REGISTRATION	09/09/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	264980	
CLASS	09-01	
1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA		
DATE OF REGISTRATION	22/08/2014	
TITLE	JAR	
PRIORITY NA		
DESIGN NUMBER	266020	
CLASS	16-06	
1)ODASHO OÜ, (REPUBLIC OF ESTONIA), OF THE ADDRESS TARTU MNT 10-23, 10145 TALLINN, ESTONIA		
DATE OF REGISTRATION	25/09/2014	
TITLE	READING GLASSES	
PRIORITY NA		

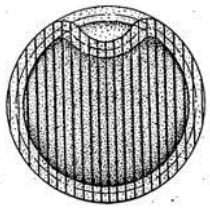
DESIGN NUMBER	266418	
CLASS	08-06	
1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA		
DATE OF REGISTRATION	07/10/2014	
TITLE	CABINET HANDLE	
PRIORITY NA		

DESIGN NUMBER	268418	
CLASS	08-06	
1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT INDIAN NATIONAL) SOLE PROPRIETOR OF OM SAI MANUFACTURE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360 002-GUJARAT-(INDIA)		
DATE OF REGISTRATION	26/12/2014	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	267324	
CLASS	19-02	
1)JITENDRA KUMAR, INDIAN NATIONAL, PROPRIETOR OF : M/S. BABAJI ENTERPRISES,A SLOLE PROPRIETORSHIPFIRM, CARRYING ON BUSINESS AT NO. 11, KASI CHETTY LANE, SHATRASHALA COMPLEX, IIND FLOOR, SOWCARPET, CHENNAI-600 079 INDIA		
DATE OF REGISTRATION	11/11/2014	
TITLE	CURRENCY COUNTING MACHINE	
PRIORITY NA		

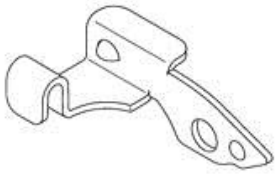
DESIGN NUMBER	199708
CLASS	28-03
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC., GRANDVIEW ROAD, SKILLMAN, N J 08558, A NEW JERSEY CORPORATION, U.S.A.	
DATE OF REGISTRATION	28/12/2004
TITLE	SKIN TREATMENT ARTICLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/220,184	28/12/2004	U.S.A.



DESIGN NUMBER	264649
CLASS	22-06
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION., AN ORGANISATION OF THE GOVERNMENT OF INDIA, OF MINISTRY OF DEFENCE, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110105 (INDIA)	
DATE OF REGISTRATION	11/08/2014
TITLE	MOSQUITO TRAPPING DEVICE
PRIORITY NA	

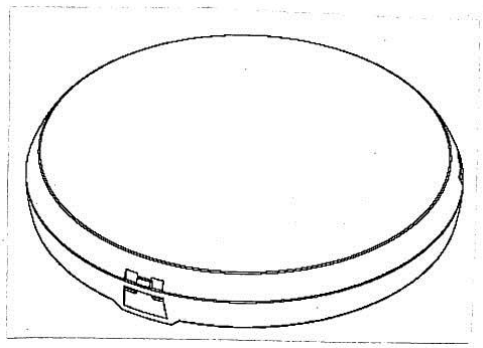
DESIGN NUMBER	264258
CLASS	23-01
1)TOYOX CO., LTD. 4371, MAEZAWA, KUROBE-SHI, TOYAMA-KEN, JAPAN, A JAPANESE COMPANY.	
DATE OF REGISTRATION	25/07/2014
TITLE	LOCK FOR CONNECTOR OF FLUID PIPE DEVICE
PRIORITY NA	



DESIGN NUMBER	265238
CLASS	07-01
1)SANIMAR COMPANY LTD., HAVING THEIR OFFICE AT IKBAL CD., YATAY SK. NO. 13/19, UMRANIYE, ISTANBUL, TURKEY.	
DATE OF REGISTRATION	28/08/2014
TITLE	BEER MUG
PRIORITY NA	

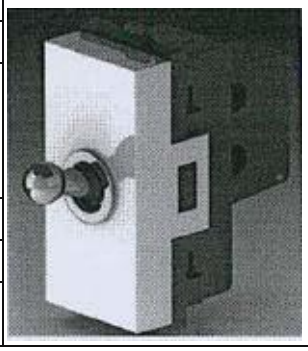
DESIGN NUMBER	265401
CLASS	15-02
1)ANAND VASANT BAM, AN INDIAN NATIONAL, WHOSE ADDRESS IS 24, ANANT COLONY, BIBVEWADI CORNER, SATARA ROAD, PUNE 411037, MAHARASHTRA STATE, INDIA	
DATE OF REGISTRATION	04/09/2014
TITLE	FLUID PUMP
PRIORITY NA	

DESIGN NUMBER	267425
CLASS	26-05
1)PHOTOQUIP INDIA LTD., A-33, ROYAL INDUSTRIAL ESTATE, NAIGAON CROSS ROAD, WADALA, MUMBAI-400 031. STATE OF MAHARASHTRA, INDIA, / A LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT.,	
DATE OF REGISTRATION	17/11/2014
TITLE	DOWN LIGHT
PRIORITY NA	



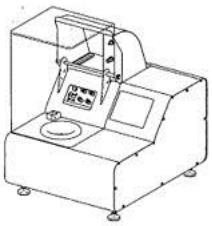
DESIGN NUMBER	266650	
CLASS	02-02	
1)RAMSON EXPORTS (INDIA) 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141 007 (PUNJAB) INDIA.		
DATE OF REGISTRATION	10/10/2014	
TITLE	T-SHIRT	
PRIORITY NA		

DESIGN NUMBER	265700	
CLASS	02-02	
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI (EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	16/09/2014	
TITLE	LADIES SUIT (SET)	
PRIORITY NA		

DESIGN NUMBER	267927	
CLASS	13-03	
1)DEVENDRA K JAIN TRADING AS VIHAN ELECTRICALS, A PROPRIETORSHIP FIRM HAVING PLACE OF BUSINESS AT MANAV-5, BEHIND GAMDEVI MANDIR, OPPOSITE SAI SERVICE, SATIVALI VILLAGE, VASAI (EAST), DIST. THANE, MAHARASHTRA 401208		
DATE OF REGISTRATION	04/12/2014	
TITLE	ELECTRICAL SWITCH	
PRIORITY NA		

DESIGN NUMBER	265185
CLASS	10-05
1)ROBERT BOSCH GMBH, A GERMAN COMPANY OF POSTFACH 30 02 20, 70442 STUTTGART, GERMANY	
DATE OF REGISTRATION	27/08/2014
TITLE	TESTING APPARATUS FOR DIESEL INJECTION SYSTEMS
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002413930	27/02/2014	OHIM

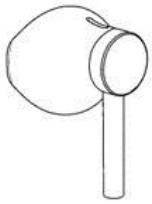


DESIGN NUMBER	267710
CLASS	15-03
1)BHOGALS AGRO TECH, 732, INDL. AREA-B, LUDHIANA-141 003 (PUNJAB) INDIA. AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- HARINDER PAL SINGH & SHARANJIT KAUR BEING INDIAN NATIONAL OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	26/11/2014
TITLE	SUGARCANE HARVESTER
PRIORITY NA	

DESIGN NUMBER	267241
CLASS	15-03
1)TRACTORS AND FARM EQUIPMENT LIMITED, COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT NO. 861, ANNASALAI, CHENNAI-600002, TAMIL NADU, INDIA	
DATE OF REGISTRATION	07/11/2014
TITLE	PLOUGH
PRIORITY NA	

DESIGN NUMBER	267447
CLASS	14-01
1)AMAZON TECHNOLOGIES, INC, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES, HAVING ITS OFFICE AT P.O. BOX 8102, RENO, NEVADA 89507, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	17/11/2014
TITLE	EARPHONE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/491,258	19/05/2014	U.S.A.

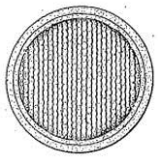


DESIGN NUMBER	197607
CLASS	19-06
1)MERZ & KRELL GMBH & CO, KGAA, A COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF BAHNHOFSTRASSE 76, 64401 GROSS-BIEBERAU, GERMANY.	
DATE OF REGISTRATION	12/05/2004
TITLE	WRITING INSTRUMENT
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
40403048.3	12/05/2004	GERMANY

DESIGN NUMBER	199716
CLASS	28-03
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC., GRANDVIEW ROAD, SKILLMAN, N J 08558, A NEW JERSEY CORPORATION, U.S.A	
DATE OF REGISTRATION	28/12/2004
TITLE	SKIN TREATMENT ARTICLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/220,185	28/12/2004	U.S.A.

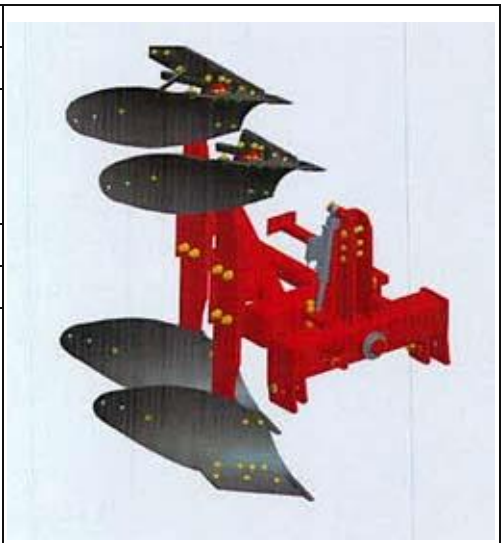


DESIGN NUMBER	267242
CLASS	15-03

1)TRACTORS AND FARM EQUIPMENT LIMITED, COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT
NO. 861, ANNASALAI, CHENNAI-600002, TAMIL NADU, INDIA

DATE OF REGISTRATION	07/11/2014
TITLE	PLOUGH

PRIORITY NA



DESIGN NUMBER	267448
CLASS	14-02

1)AMAZON TECHNOLOGIES, INC, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES, HAVING ITS OFFICE AT
P.O. BOX 8102, RENO, NEVADA 89507, UNITED STATES OF AMERICA

DATE OF REGISTRATION	17/11/2014
TITLE	ELECTRONIC DEVICE CASE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/491,244	19/05/2014	U.S.A.

DESIGN NUMBER	265653
CLASS	09-03

1)PIDILITE INDUSTRIES LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 HAVING ITS OFFICE AT
REGENT CHAMBERS, 7TH FLOOR, JAMNALAL BAJAJ MARG, 208, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA, INDIA, INDIAN NATIONAL

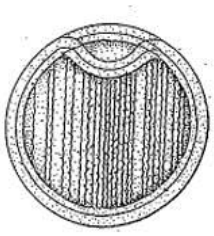
DATE OF REGISTRATION	12/09/2014
TITLE	CONTAINER

PRIORITY NA

DESIGN NUMBER	197609
CLASS	19-06
1)MERZ & KRELL GMBH & CO, KGAA, A COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF BAHNHOFSTRASSE 76, 64401 GROSS-BIEBERAU, GERMANY.	
DATE OF REGISTRATION	12/05/2004
TITLE	COMPONENT OF WRITING INSTRUMENT
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
40403048.3	12/05/2004	GERMANY

DESIGN NUMBER	199717
CLASS	28-03
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC., GRANDVIEW ROAD, SKILLMAN, N J 08558, A NEW JERSEY CORPORATION, U.S.A	
DATE OF REGISTRATION	28/12/2004
TITLE	SKIN TREATMENT ARTICLE
PRIORITY NA	



DESIGN NUMBER	265253
CLASS	09-01
1)BEING HUMAN ENTERPRENUER, 30, DONTAD STREET, 1ST FLOOR, KHADAK, MUMBAI-400 009, AN INDIAN PROPRIETOR FIRM.	
DATE OF REGISTRATION	28/08/2014
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	265444
CLASS	12-15
1)PODDAR TYRES LIMITED, JUGIANA, G.T. ROAD, LUDHIANA-141 420 (PUNJAB) INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	05/09/2014
TITLE	TYRE FOR BICYCLE
PRIORITY NA	

DESIGN NUMBER	217965
CLASS	09-01
1)RECKITT BENCKISER (UK) LIMITED., OF 103-105 BATH ROAD, SLOGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM	
DATE OF REGISTRATION	20/02/2008
TITLE	BOTTLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
000884648-0001	20/02/2008	OHIM

DESIGN NUMBER	263091
CLASS	12-11
1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN	
DATE OF REGISTRATION	03/06/2014
TITLE	MOTORCYCLE

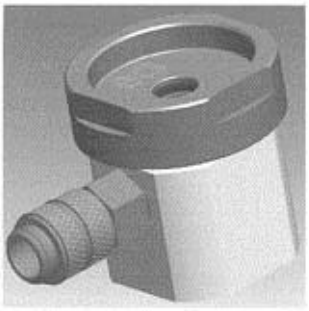
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-029744	18/12/2013	JAPAN

DESIGN NUMBER	265183
CLASS	10-05
1)ROBERT BOSCH GMBH, A GERMAN COMPANY OF POSTFACH 30 02 20, 70442 STUTTGART, GERMANY	
DATE OF REGISTRATION	27/08/2014
TITLE	ADAPTER FOR USE IN DIESEL INJECTION TESTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002413930	27/02/2014	OHIM



DESIGN NUMBER	265388
CLASS	26-05
1)DECATHLON, 4, BOULEVARD DE MONS, 59650, VILLENEUVE D'ASCQ, FRANCE A COMPANY OF FRANCE	
DATE OF REGISTRATION	03/09/2014
TITLE	LAMP

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002420976-0001	10/03/2014	OHIM

DESIGN NUMBER	267703
CLASS	07-04
1)PATIDAR POLYMERS, INDIAN PROPRIETORSHIP FIRM HAVING PRINCIPAL PLACE OF BUSINESS AT SURVEY NO. 29, PLOT NO. 20, OPP. SHIVAM CASTING, B/H. KRISHNA PARK RESTAURANT, GONDAL ROAD, VAVDI, RAJKOT GUJARAT, INDIA AND HAVING PROPRIETOR BHARAT RATILAL TRAMBADIA, RESIDING AT AADITYA HEIGHTS, C-704, OPP. COPPER HEIGHTS, SADHUVASVANI ROAD, RAJKOT, GUJARAT, INDIA, INDIAN NATIONALS	
DATE OF REGISTRATION	26/11/2014
TITLE	FOOD PROCESSOR

PRIORITY NA

DESIGN NUMBER	268425
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-360 002-GUJARAT-(INDIA)

DATE OF REGISTRATION	26/12/2014
TITLE	HANDLE

PRIORITY NA

DESIGN NUMBER	265867
CLASS	07-01

1)EICHER GOODEARTH PRIVATE LIMITED, AT
3RD FLOOR, SELECT CITY WALK MALL, A-3, DISTRICT CENTRE, SAKET, NEW DELHI-110017, AN INDIAN COMPANY

DATE OF REGISTRATION	23/09/2014
TITLE	CROCKERY

PRIORITY NA

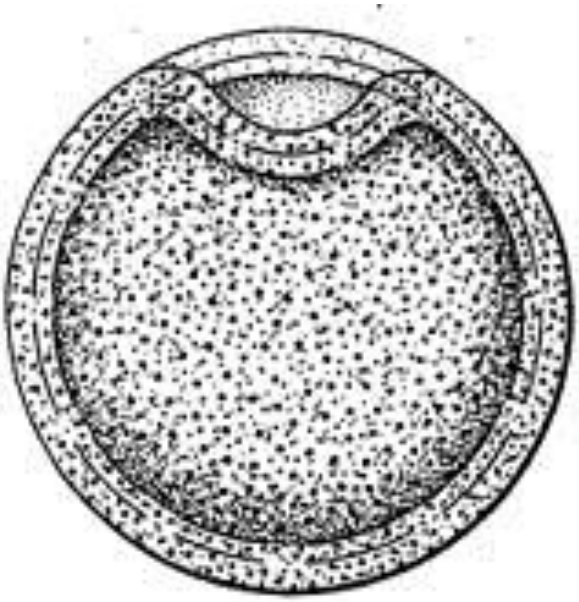
DESIGN NUMBER	199713
CLASS	28-03

1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC.,
GRANDVIEW ROAD, SKILLMAN, N J 08558, A NEW JERSEY CORPORATION, U.S.A

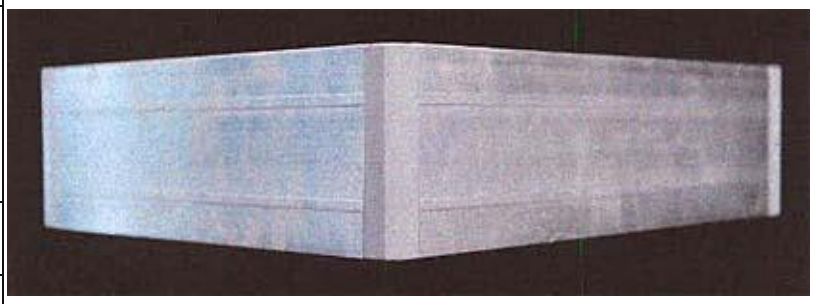
DATE OF REGISTRATION	28/12/2004
TITLE	SKIN TRATMENT ARTICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/220,186	28/12/2004	U.S.A.



DESIGN NUMBER	255764
CLASS	09-04
1)M/S. WORLD KITCHEN PRODUCTS, AN INDIAN PARTNERSHIP FIRM, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, SURVEY NO. 116/16/1, BLOCK NO. 119, PLOT NO. B, VILLAGE:-PIPODARA, TALUKA:-MANGROL, DIST: SURAT, GUJARAT STATE, INDIA	
DATE OF REGISTRATION	12/08/2013
TITLE	BASKET FOR KITCHEN
PRIORITY NA	



DESIGN NUMBER	265163
CLASS	29-02
1)LIFE LINE SECURITY & SYSTEM, AN INDIAN PROPRIETORSHIP FIRM, HAVING ADDRESS AT 20, FARISHTA COMPLEX, G.E ROAD, RAIPUR-492001, CHHATTISGARH, INDIA	
DATE OF REGISTRATION	26/08/2014
TITLE	PROTECTION SHIELD FOR HUMAN
PRIORITY NA	

DESIGN NUMBER	266420
CLASS	08-06
1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA	
DATE OF REGISTRATION	07/10/2014
TITLE	CABINET HANDLE
PRIORITY NA	

DESIGN NUMBER	266568
CLASS	06-07
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN	
DATE OF REGISTRATION	09/10/2014
TITLE	PHOTO FRAME
PRIORITY NA	

DESIGN NUMBER	268422
CLASS	08-06
1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT INDIAN NATIONAL) SOLE PROPRIETOR OF OM SAI MANUFACTURE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360 002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	26/12/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	266676
CLASS	06-01
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD 380007 GUJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	10/10/2014
TITLE	CHAIR FOR DISABLED PEOPLE
PRIORITY NA	

DESIGN NUMBER	265858
CLASS	31-00

1)HOMELAND HOUSEWARES, LLC OF
11755 WILSHIRE BLVD., SUITE 1200, LOS ANGELES, CALIFORNIA 90025, U.S.A., AMERICAN COMPANY

DATE OF REGISTRATION	23/09/2014
TITLE	MIXING VESSEL OF BLENDER FOR FRUIT JUICE EXTRACTION

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/486,285	27/03/2014	U.S.A.

DESIGN NUMBER	264559
CLASS	12-08

1)CHRYSLER GROUP LLC, A DELAWARE LIMITED LIABILITY COMPANY OF
800 CHRYSLER DRIVE EAST, AUBURN HILLS, MICHIGAN 48326-2766, U.S.A.

DATE OF REGISTRATION	07/08/2014
TITLE	CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/482,350	18/02/2014	U.S.A.

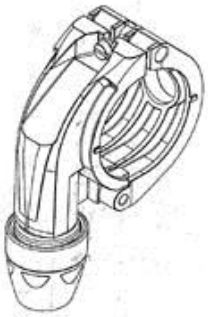
DESIGN NUMBER	265556
CLASS	23-01

1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF
BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY

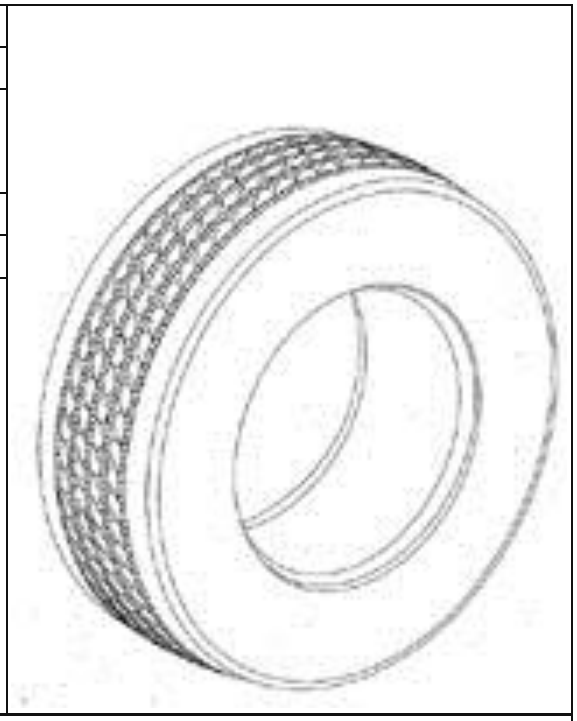
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM



DESIGN NUMBER	266036
CLASS	12-15
1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION	25/09/2014
TITLE	TYRE TREAD
PRIORITY NA	



DESIGN NUMBER	268452
CLASS	21-01
1)AUTOMOBILI LAMBORGHINI S.P.A., AN ITALIAN COMPANY OF VIA MODENA 12, 40019 SANT' AGATA BOLOGNESE (BO), ITALY	
DATE OF REGISTRATION	29/12/2014
TITLE	MODEL CAR

PRIORITY

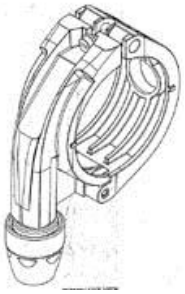
PRIORITY NUMBER	DATE	COUNTRY
002494674-0001	02/07/2014	OHIM

DESIGN NUMBER	267407
CLASS	24-99
1)MR. LALIT MAHAJAN, AN INDIAN CITIZEN, WHOSE ADDRESS IS 1-D, MANHAR MAHAL, 4 BAKUL BAGAN ROW, BEHIND LANSDOWNE MARKET, KOLKATA-700025, WEST BENGAL, INDIA	
DATE OF REGISTRATION	14/11/2014
TITLE	MEDICAL TESTING DEVICE
PRIORITY NA	

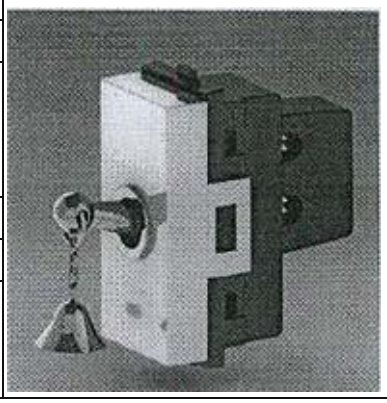
DESIGN NUMBER	209126
CLASS	24-04
1)CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400008, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	28/03/2007
TITLE	KNOB FOR INHALER
PRIORITY NA	

DESIGN NUMBER	265557
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM



DESIGN NUMBER	267922
CLASS	13-03
1)DEVENDRA K JAIN TRADING AS VIHAN ELECTRICALS, A PROPRIETORSHIP FIRM HAVING PLACE OF BUSINESS AT MANAV-5, BEHIND GAMDEVI MANDIR, OPPOSITE SAI SERVICE, SATIVALI VILLAGE, VASAI (EAST), DIST. THANE, MAHARASHTRA 401208	
DATE OF REGISTRATION	04/12/2014
TITLE	ELECTRICAL SWITCH
PRIORITY NA	



DESIGN NUMBER	267657
CLASS	28-03
1)B. R. PLASTICS, AN INDIAN PARTNERSHIP FIRM, WHOSE OFFICE AT 59, 3RD BHOIWADA, BHULESHWAR, MUMBAI-400002, MAHARASHTRA, INDIA AND FACTORY AT 314, A TO Z INDUSTRIAL ESTATE, 3RD FLOOR, G. KADAM MARG, MUMBAI-400013, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE SURENDRA RAMANLAL SHAH, RAJESH RAMANLAL SHAH, UDAY RAMANLAL SHAH AND PARAG SURENDRA SHAH, ALL INDIANS AND ALL BEING PARTNERS AND OF ABOVE ADDRESS	
DATE OF REGISTRATION	24/11/2014
TITLE	TEETHS FOR COMB
PRIORITY NA	

DESIGN NUMBER	267303
CLASS	08-06
1)LG ELECTRONICS INC. OF 20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150- 721, REPUBLIC OF KOREA.	
DATE OF REGISTRATION	10/11/2014
TITLE	HINGE
PRIORITY NA	

DESIGN NUMBER	267428
CLASS	06-09
1)CENTUARY FIBRE PLATES PVT. LTD., (INCORPORATED UNDER THE COMPANIES ACT, 1956) 1ST FLOOR, IDEAL TOWERS, SURVEY NO. 115, AKBAR ROAD, OPP: BHEL ENCLAVE, TADBUND, SECUNDERABAD, INDIA AT THE ABOVE ADDRESS	
DATE OF REGISTRATION	17/11/2014
TITLE	MATTRESS
PRIORITY NA	

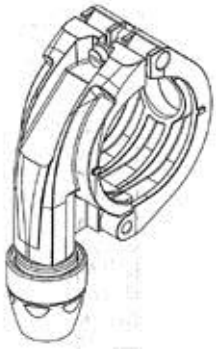
DESIGN NUMBER	266657
CLASS	02-02
1)RAMSON EXPORTS (INDIA) 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141 007 (PUNJAB) INDIA.	
DATE OF REGISTRATION	10/10/2014
TITLE	T-SHIRT
PRIORITY NA	

DESIGN NUMBER	265703
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI(EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/09/2014
TITLE	GARMENT (SET)
PRIORITY NA	

DESIGN NUMBER	265555
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES

PRIORITY

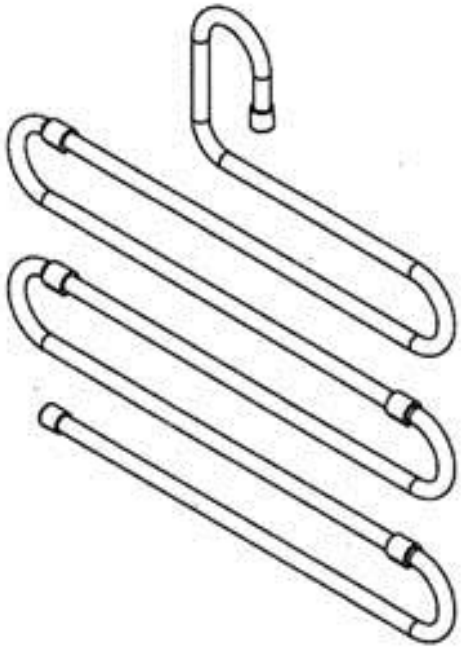
PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM



DESIGN NUMBER	266035
CLASS	12-15
1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION	25/09/2014
TITLE	TYRE TREAD
PRIORITY NA	

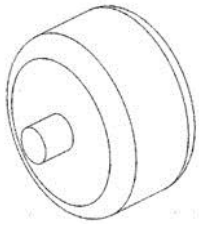
DESIGN NUMBER	267406
CLASS	24-99
1)MR. LALIT MAHAJAN, AN INDIAN CITIZEN, WHOSE ADDRESS IS 1-D, MANHAR MAHAL, 4 BAKUL BAGAN ROW, BEHIND LANSDOWNE MARKET, KOLKATA-700025, WEST BENGAL, INDIA	
DATE OF REGISTRATION	14/11/2014
TITLE	MEDICAL TESTING DEVICE
PRIORITY NA	

DESIGN NUMBER	266712
CLASS	06-08
1)CASA BRANDS INDIA PVT. LTD., A COMPANY INCORPORATED UNDER THE LAWS OF INDIA, OF C-37A, LOWER GROUND FLOOR, KALKAJI, NEW DELHI-110019, INDIA.	
DATE OF REGISTRATION	15/10/2014
TITLE	CLOTHES HANGER
PRIORITY NA	



DESIGN NUMBER	265674	
CLASS	19-02	
1)PARAG PRAVIN KENIA. (INDIAN NATIONAL) HAVING OFFICE AT 701, TULIP SAINATH GARDEN, TATA COLONY, NAVGHAR ROAD, MULUND (EAST), MUMBAI-400 081, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	15/09/2014	
TITLE	STAMP PAD	
PRIORITY NA		

DESIGN NUMBER	267910	
CLASS	09-03	
1)PRASHANT NISHIKANT JOSHI OF 1701, WILGTON HIRANANDANI ESTATE, GHODBUNDER ROAD, THANE (WEST), MAHARASHTRA, INDIA, INDIAN NATIONAL		
DATE OF REGISTRATION	04/12/2014	
TITLE	CONTAINER WITH LID & LOCK	
PRIORITY NA		

DESIGN NUMBER	209122	
CLASS	24-04	
1)CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400008, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	28/03/2007	
TITLE	ROLLER FOR CARTRIDGE	
PRIORITY NA		

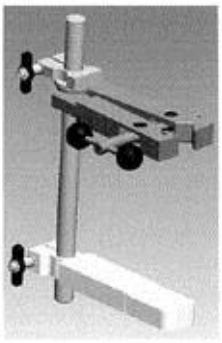
DESIGN NUMBER	265184
CLASS	10-05

1)ROBERT BOSCH GMBH, A GERMAN COMPANY OF
POSTFACH 30 02 20, 70442 STUTTGART, GERMANY

DATE OF REGISTRATION	27/08/2014
TITLE	CLAMP FOR USE IN DIESEL INJECTION TESTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002413930	27/02/2014	OHIM



DESIGN NUMBER	267536
CLASS	15-03

1)GURU NANAK AGRI. ENGG. WORKS, OPP. POWER HOUSE, BATHINDA ROAD, HANDIYA, BARNALA-148107 (PUNJAB) INDIA
AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- HAKAM SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	20/11/2014
TITLE	GEAR BOX FOR COMBINE HARVESTER

PRIORITY NA

DESIGN NUMBER	267708
CLASS	07-01

1)FITSON SINGAPORE PTE LTD, A CORPORATION DULY ORGANIZED AND EXISTING UNDER THE LAWS OF SINGAPORE, OF
625 ALJUNIED ROAD, #06-04A ALJUNIED INDUSTRIAL COMPLEX, SINGAPORE-389836

DATE OF REGISTRATION	26/11/2014
TITLE	FEEDING BOTTLE

PRIORITY

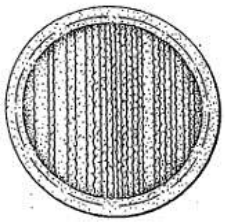
PRIORITY NUMBER	DATE	COUNTRY
D2014/671/B	27/05/2014	SINGAPORE

DESIGN NUMBER	267446
CLASS	08-07
1)A. S. KHAN (AN INDIAN NATIONAL) TRADING AS M/S. JAYCO WHISTLE CO., UPPER FORT, 9/33, TANDON PARA, ALIGARH (U.P.)	
DATE OF REGISTRATION	17/11/2014
TITLE	HANDCUFF
PRIORITY NA	

DESIGN NUMBER	199714
CLASS	28-03
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC., GRANDVIEW ROAD, SKILLMAN, N J 08558, A NEW JERSEY CORPORATION, U.S.A	
DATE OF REGISTRATION	28/12/2004
TITLE	SKIN TREATMENT ARTICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/220,185	28/12/2004	U.S.A.



DESIGN NUMBER	268227
CLASS	09-01
1)M/S. SSP PLASTIPACK PVT. LTD. (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, 1956), E-85, SECTOR-1, DSIIDC INDUSTRIAL AREA, BAWANA, DELHI-110039	
DATE OF REGISTRATION	16/12/2014
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	255767
CLASS	09-04

1)M/S. WORLD KITCHEN PRODUCTS, AN INDIAN PARTNERSHIP FIRM, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT,
SURVEY NO. 116/16/1, BLOCK NO. 119, PLOT NO. B, VILLAGE:-PIPODARA, TALUKA:-MANGROL, DIST: SURAT, GUJARAT STATE, INDIA

DATE OF REGISTRATION	12/08/2013
TITLE	BASKET FOR KITCHEN

PRIORITY NA

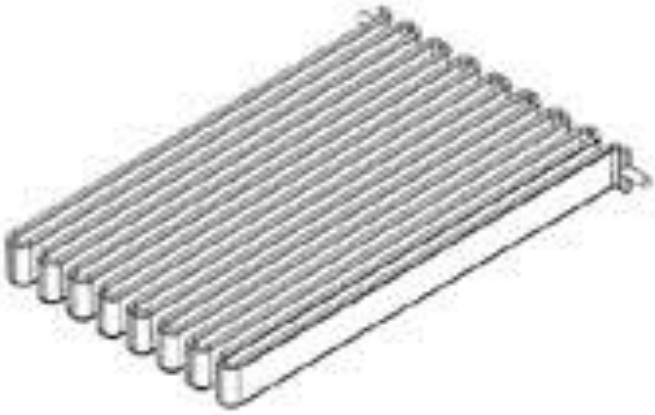
DESIGN NUMBER	265459
CLASS	24-01

1)VIACYTE, INC., A CORPORATION OF THE STATE OF DELAWARE, OF
3550 GENERAL ATOMICS COURT, SAN DIEGO, CA 92121, USA

DATE OF REGISTRATION	05/09/2014
TITLE	CELL ENCAPSULATION DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/484,356	07/03/2014	U.S.A.



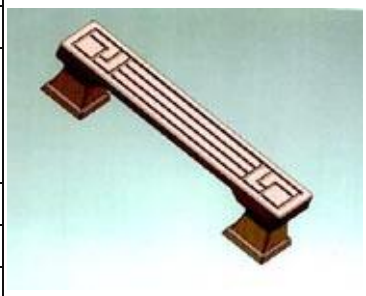
DESIGN NUMBER	264846
CLASS	08-06

1)IPSA BUSINESS (INDIA) PVT. LTD., 51/1/17, SITE-IV, INDUSTRIAL AREA, SAHIBABAD-201010, GHAZIABAD, U.P., INDIA
(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

DATE OF REGISTRATION	19/08/2014
TITLE	DOOR HANDLE SET

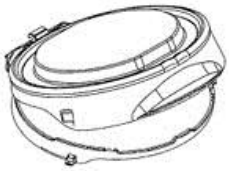
PRIORITY NA

DESIGN NUMBER	265822
CLASS	08-06
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, "KRISHNA", NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA.	
DATE OF REGISTRATION	22/09/2014
TITLE	HANDLE
PRIORITY NA	

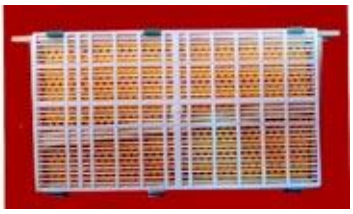


DESIGN NUMBER	264659
CLASS	09-03
1)GONZALEZ SANCHEZ, JOSE FRANCISCO, OF C/SALVADOR ESPRIU, Nº 33 1º B CALDES DE MONTBUI, BARCELONA 08140, SPAIN, A NATIONAL OF SPAIN	
DATE OF REGISTRATION	11/08/2014
TITLE	CAP FOR CONTAINERS
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002406058-0002	17/02/2014	OHIM

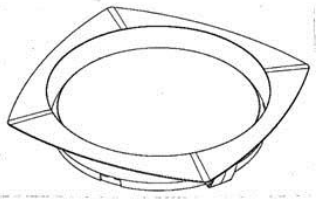


DESIGN NUMBER	265612
CLASS	30-02
1)HI-TECH NATURAL PRODUCTS (INDIA) LTD., (A PUBLIC LIMITED COMPANY REGISTERED AND INCORPORATED IN INDIA UNDER THE PROVISIONS OF THE COMPANIES ACT, 1956) HAVING ITS REGISTERED OFFICE AT 205, JAWAHAR GALI, FARSH BAZAR, SHAHDARA, DELHI-110 032, INDIA, INDIAN NATIONAL	
DATE OF REGISTRATION	11/09/2014
TITLE	ROYAL JELLY PRODUCTION & EXTRACTION KIT
PRIORITY NA	



DESIGN NUMBER	267656	
CLASS	28-03	
1)B. R. PLASTICS, AN INDIAN PARTNERSHIP FIRM, WHOSE OFFICE AT 59, 3RD BHOIWADA, BHULESHWAR, MUMBAI-400002, MAHARASHTRA, INDIA AND FACTORY AT 314, A TO Z INDUSTRIAL ESTATE, 3RD FLOOR, G. KADAM MARG, MUMBAI-400013, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE SURENDRA RAMANLAL SHAH, RAJESH RAMANLAL SHAH, UDAY RAMANLAL SHAH AND PARAG SURENDRA SHAH, ALL INDIANS AND ALL BEING PARTNERS AND OF ABOVE ADDRESS		
DATE OF REGISTRATION	24/11/2014	
TITLE	COMB	
PRIORITY NA		

DESIGN NUMBER	267302	
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 400 001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	10/11/2014	
TITLE	TIFFIN CARRIER	
PRIORITY NA		

DESIGN NUMBER	267427	
CLASS	26-05	
1)PHOTOQUIP INDIA LTD., A-33, ROYAL INDUSTRIAL ESTATE, NAIGAON CROSS ROAD, WADALA, MUMBAI-400 031. STATE OF MAHARASHTRA, INDIA, / A LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES		
DATE OF REGISTRATION	17/11/2014	
TITLE	DOWN LIGHT	
PRIORITY NA		

DESIGN NUMBER	266655
CLASS	02-02

1)RAMSON EXPORTS (INDIA)
808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141 007 (PUNJAB) INDIA.

DATE OF REGISTRATION	10/10/2014
TITLE	LADIES TOP

PRIORITY NA

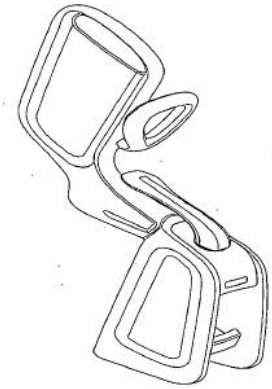
DESIGN NUMBER	265355
CLASS	12-05

1)ARJOHUNTLEIGH AB, HAVING THEIR ADDRESS AT
HANS MICHELSENSGATAN 10 SE-211 20 MALMO SWEDEN, A COMPANY INCORPORATED UNDER THE SWEDISH LAWS

DATE OF REGISTRATION	02/09/2014
TITLE	LIFTING DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002504035	17/07/2014	OHIM



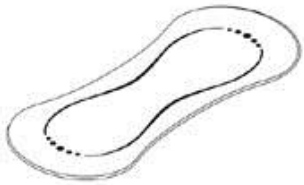
DESIGN NUMBER	267695
CLASS	24-04

1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT
ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA

DATE OF REGISTRATION	26/11/2014
TITLE	SANITARY NAPKIN

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
815995801	26/05/2014	WIPO



DESIGN NUMBER	265560
CLASS	03-01
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	TOOL BOX

PRIORITY

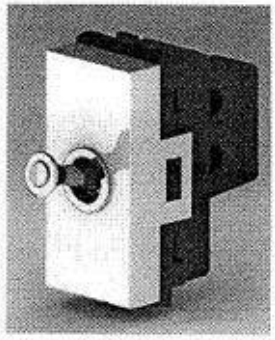
PRIORITY NUMBER	DATE	COUNTRY
001408314	07/04/2014	OHIM

DESIGN NUMBER	265235
CLASS	07-01
1)SANIMAR COMPANY LTD., HAVING THEIR OFFICE AT IKBAL CD., YATAY SK. NO. 13/19, UMRANIYE, ISTANBUL, TURKEY.	
DATE OF REGISTRATION	28/08/2014
TITLE	JUICE GLASS

PRIORITY NA

DESIGN NUMBER	268468
CLASS	06-01
1)WORLDTAG INNOVATIONS PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 AND HAVING ITS PLACE OF BUSINESS AT 703/704, SUSHILA BAUG, 53-A, S.V. ROAD, SANTA CRUZ (WEST), MUMBAI-400054, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	29/12/2014
TITLE	CHAIR

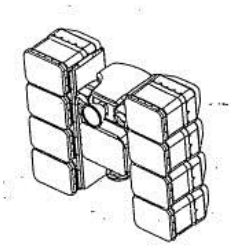
PRIORITY NA

DESIGN NUMBER	265697	
CLASS	24-02	
1)DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION, MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110 011, INDIA; NATIONALITY: INDIAN		
DATE OF REGISTRATION	15/09/2014	
TITLE	REMOTE PHYSIOLOGICAL MONITORING BELT	
PRIORITY NA		
DESIGN NUMBER	267924	
CLASS	13-03	
1)DEVENDRA K JAIN TRADING AS VIHAN ELECTRICALS, A PROPRIETORSHIP FIRM HAVING PLACE OF BUSINESS AT MANAV-5, BEHIND GAMDEVI MANDIR, OPPOSITE SAI SERVICE, SATIVALI VILLAGE, VASAI (EAST), DIST. THANE, MAHARASHTRA 401208		
DATE OF REGISTRATION	04/12/2014	
TITLE	ELECTRICAL SWITCH	
PRIORITY NA		
DESIGN NUMBER	268257	
CLASS	02-04	
1)SARTAJ SALES, A-593, MADIPUR COLONY, ROHTAK ROAD, DELHI, INDIA (AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- SH. HARKIRAT SINGH AN INDIAN NATIONAL OF THE ABOVE ADDRESS		
DATE OF REGISTRATION	17/12/2014	
TITLE	SOLE FOR FOOTWEAR	
PRIORITY NA		

DESIGN NUMBER	264780
CLASS	27-02
1)HARE FABDESIGNER PRIVATE LIMITED, 35, RAMESHWAR NUTAN LAXMI SOCIETY, 10TH ROAD, J.V.P.D. SCHEME, VILE PARLE WEST, MUMBAI-400049, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	14/08/2014
TITLE	HOOKAH
PRIORITY NA	

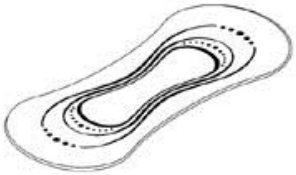
DESIGN NUMBER	219252
CLASS	14-01
1)MOOG INC., A NEW YORK CORPORATION, OF JAMISON ROAD, EAST AURORA, NEW YORK 14052, USA.	
DATE OF REGISTRATION	21/04/2008
TITLE	EIGHT SPEAKER REMOTE ACOUSTIC HAILING DEVICE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/307,443	21/04/2008	U.S.A.

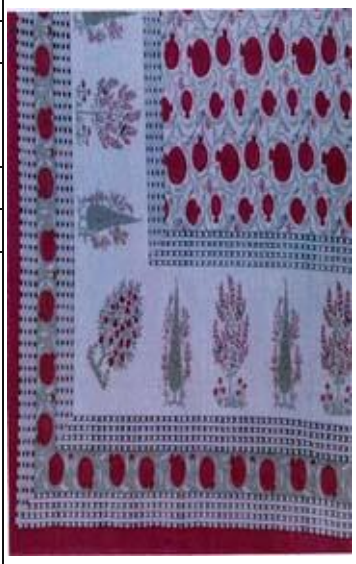


DESIGN NUMBER	267693
CLASS	24-04
1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	26/11/2014
TITLE	SANITARY NAPKIN
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
815995801	26/05/2014	WIPO



DESIGN NUMBER	265724
CLASS	05-05
1)EICHER GOODEARTH PRIVATE LIMITED, AT 3RD FLOOR, SELECT CITY WALK MALL, A-3, DISTRICT CENTRE, SAKET, NEW DELHI-110017, AN INDIAN COMPANY	
DATE OF REGISTRATION	16/09/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	265825
CLASS	08-06
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, "KRISHNA", NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA.	
DATE OF REGISTRATION	22/09/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	265161
CLASS	14-02
1)NILESH JAMBHULKAR, A BRITISH CITIZEN OF BLACKHEATH, 17 HARRADEN ROAD, LONDON SE3 8BZ, ENGLAND	
DATE OF REGISTRATION	26/08/2014
TITLE	DOCKING STATION WITH SCREEN
PRIORITY NA	

DESIGN NUMBER	265372
CLASS	02-02
1)RAMSON EXPORTS (INDIA), 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141 007 (PUNJAB), INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PARTNERS ARE:- ARJUN SOOD AND KARUNA SOOD BEING INDIAN NATIONALS OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	02/09/2014
TITLE	T-SHIRT
PRIORITY NA	

DESIGN NUMBER	265518
CLASS	08-06
1)TEJASBHAI MAVJIBHAI BHANDERI (ADULT AND INDIAN NATIONAL) SOLE PROPRIETOR OF BAJRANG HARDWARE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- PATEL NAGAR, NR. BHOJABHAGAT CHOWK, 50 FEET ROAD, RAJKOT-360 002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	09/09/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	266419
CLASS	08-06
1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA	
DATE OF REGISTRATION	07/10/2014
TITLE	CABINET HANDLE
PRIORITY NA	

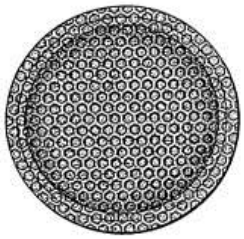
DESIGN NUMBER	266567	
CLASS	06-07	
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN.		
DATE OF REGISTRATION	09/10/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		

DESIGN NUMBER	267331	
CLASS	24-01	
1)MR. NEERAJ GARG, PROPRIETOR OF FIRM: M/S NISHIKA ENTERPRISES, WHOSE ADDRESS A2/14, PRATEEK APARTMENT, OPPOSITE C.A. APARTMENT, PASCHIM VIHAR, NEW DELHI-110063, INDIAN		
DATE OF REGISTRATION	11/11/2014	
TITLE	SHARP DISPOSAL CONTAINERS WITH CUTTER	
PRIORITY NA		

DESIGN NUMBER	268421	
CLASS	08-06	
1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT INDIAN NATIONAL) SOLE PROPRIETOR OF OM SAI MANUFACTURE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360 002-GUJARAT-(INDIA)		
DATE OF REGISTRATION	26/12/2014	
TITLE	HANDLE	
PRIORITY NA		

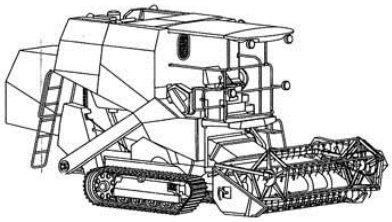
DESIGN NUMBER	199616
CLASS	28-03
1)JOHNSON & JOHNSONCONSUMER COMPANIES INC., GRANDVIEW ROAD, SKILLMAN, N J 08558 U.S.A. A NEW JERSEY CORPORATION, USA	
DATE OF REGISTRATION	28/12/2004
TITLE	SKIN TREATMENT ARTICLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/220,209	28/12/2004	U.S.A.



DESIGN NUMBER	266674
CLASS	06-03
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD 380007 GUJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	10/10/2014
TITLE	CORNER TABLE
PRIORITY NA	

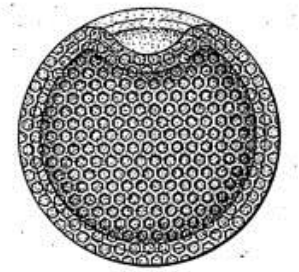
DESIGN NUMBER	265857
CLASS	15-03
1)CLAAS KGAA MBH, MÜNSTERSTRASSE 33, 33428 HARSEWINKEL, GERMANY	
DATE OF REGISTRATION	22/09/2014
TITLE	COMBINE HARVESTER
PRIORITY NA	



DESIGN NUMBER	264443
CLASS	07-04
1)YUSUF M. RATLAMWALA AN INDIAN COMPANY INCORPORATED UNDER THE PROVISIONS OF THE COMPANIES ACT, HAVING OFFICE AT 80 D, CHIKALPADA, 1ST FLOOR, FORAS ROAD, MUMBAI-400008, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	04/08/2014
TITLE	TEA STRAINER
PRIORITY NA	

DESIGN NUMBER	199709
CLASS	28-03
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC., GRANDVIEW ROAD, SKILLMAN, N J 08558, A NEW JERSEY CORPORATION, U.S.A.	
DATE OF REGISTRATION	28/12/2004
TITLE	SKIN TREATMENT ARTICLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/220,209	28/12/2004	U.S.A.



DESIGN NUMBER	265212
CLASS	05-05
1)M/S. NAKSHATRA CREATIONS PVT. LTD., OF PLOT NO 5511, ROAD NO 55, G.I.D.C., SACHIN, DIST. SURAT-394230 SURAT (GUJARAT) INDIA, AND A COMPANY REGISTERED UNDER THE COMPANY ACT SITUATED AT ABOVE ADDRESS	
DATE OF REGISTRATION	28/08/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	

DESIGN NUMBER	267248
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-411 035, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	07/11/2014
TITLE	SIDE FAIRING REAR FOR MOTORCYCLE

PRIORITY NA

DESIGN NUMBER	197611
CLASS	19-06

1)MERZ & KRELL GMBH & CO, KGAA, A COMPANY INCORPORATED UNDER THE LAWS OF GERMANY,
OF BAHNHOFSTRASSE 76, 64401 GROSS-BIEBERAU, GERMANY.

DATE OF REGISTRATION	12/05/2004
TITLE	COMPONENT OF WRITING INSTRUMENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
40403048.3	12/05/2004	GERMANY

DESIGN NUMBER	196947
CLASS	07-02

1)HAWAKINS COOKERS LIMITED,
MAKER TOWER F 101 CUFFE PARADE, P.O.BOX 16083, MUMBAI-400005, MAHARASHTRA INDIA,

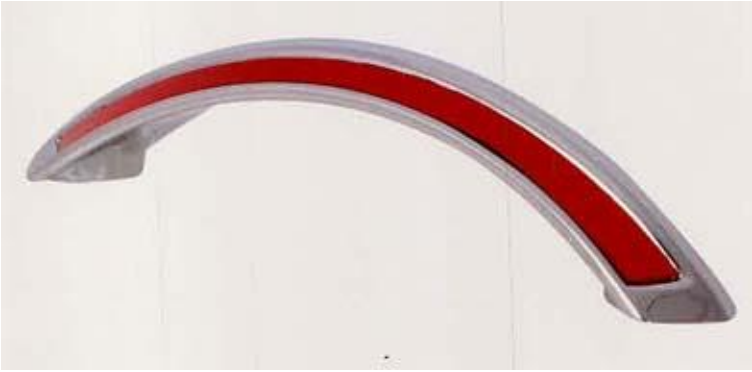
DATE OF REGISTRATION	09/09/2004
TITLE	PRESSURE COOKER

PRIORITY NA

DESIGN NUMBER	267571
CLASS	11-01
1)FARAH KHAN ALI, RESIDING AT: 101, SANJAY PLAZA, A.B. NAIR ROAD, JUHU, MUMBAI 400 049, MAHARASHTRA, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	21/11/2014
TITLE	EARRING
PRIORITY NA	

DESIGN NUMBER	267449
CLASS	09-01
1)MARICO LIMITED, A COMPANY INCORPORATED AND EXISTING UNDER THE INDIAN COMPANIES ACT, 1956, OF THE ADDRESS 7TH FLOOR GRANDE PALLADIUM, 175 C.S.T. ROAD, KALINA 400 098 SANTACRUZ (E) MAHARASHTRA	
DATE OF REGISTRATION	17/11/2014
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	265766
CLASS	08-06
1)MAHESHBHAI SASHIKANTBHAI PIPALIYA, 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-360 002-GUJARAT- (INDIA)	
DATE OF REGISTRATION	19/09/2014
TITLE	HANDLE
PRIORITY NA	

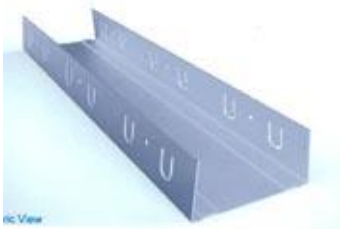


DESIGN NUMBER	267694
CLASS	24-04
1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	26/11/2014
TITLE	SANITARY NAPKIN
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
815995801	26/05/2014	WIPO

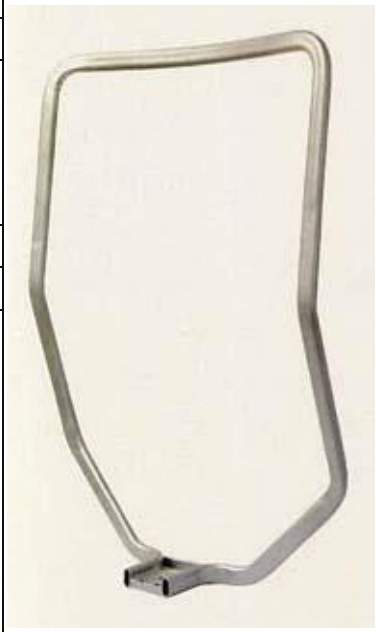
DESIGN NUMBER	265636
CLASS	12-16
1)M/S HYBRID TECH, B-3, AMBIKA SOCIETY, OPPOSITE CONVENT SCHOOL, BILIMORA, TAL-GANDEVI, DIST.: NAVSARI, PIN: 396321, GUJRAT, INDIA	
DATE OF REGISTRATION	12/09/2014
TITLE	POLLUTION CONTROL UNIT FOR VEHICLES
PRIORITY NA	

DESIGN NUMBER	268219
CLASS	25-01
1)SAINT GOBAIN INDIA LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING PLACE OF BUSINESS AT 05TH LEVEL, LEELA BUSINESS PARK, ANDHERI-KURLA ROAD, ANDHERI EAST, MUMBAI 400 059	
DATE OF REGISTRATION	16/12/2014
TITLE	FLOOR & CEILING CHANNEL
PRIORITY NA	



DESIGN NUMBER	265234
CLASS	07-01
1)SANIMAR COMPANY LTD., HAVING THEIR OFFICE AT IKBAL CD., YATAY SK. NO. 13/19, UMRANIYE, ISTANBUL, TURKEY.	
DATE OF REGISTRATION	28/08/2014
TITLE	WHISKY GLASS
PRIORITY NA	

DESIGN NUMBER	268467
CLASS	06-01
1)WORLDTAG INNOVATIONS PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 AND HAVING ITS PLACE OF BUSINESS AT 703/704, SUSHILA BAUG, 53-A, S.V. ROAD, SANTA CRUZ (WEST), MUMBAI-400 054, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	29/12/2014
TITLE	FRAME FOR THE CHAIR BACK
PRIORITY NA	



DESIGN NUMBER	266929
CLASS	03-01
1)SAMSONITE IP HOLDINGS S.Ã R.L., A LUXEMBOURG PRIVATE LIMITED LIABILITY COMPANY OF 13-15 AVENUE DE LA LIBERTÉ, L-1931 LUXEMBOURG, LUXEMBOURG	
DATE OF REGISTRATION	28/10/2014
TITLE	LUGGAGE

PRIORITY

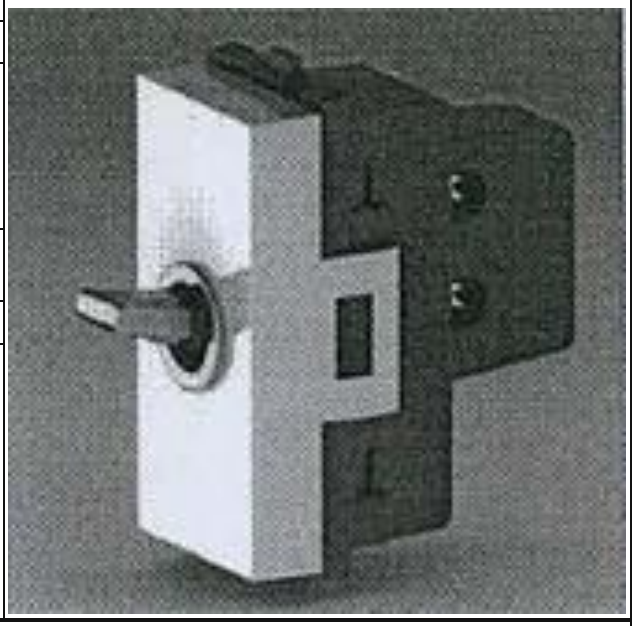
PRIORITY NUMBER	DATE	COUNTRY
1400779.7M002	28/04/2014	HONGKONG

DESIGN NUMBER	267923
CLASS	13-03

1)DEVENDRA K JAIN TRADING AS VIHAN ELECTRICALS, A PROPRIETORSHIP FIRM HAVING PLACE OF BUSINESS AT
MANAV-5, BEHIND GAMDEVI MANDIR, OPPOSITE SAI SERVICE, SATIVALI VILLAGE, VASAI (EAST), DIST. THANE, MAHARASHTRA 401208

DATE OF REGISTRATION	04/12/2014
TITLE	ELECTRICAL SWITCH

PRIORITY NA



DESIGN NUMBER	268254
CLASS	02-04

1)RELAXO FOOTWEARS LTD., 316-319, ALLIED HOUSE, INDERLOK CHOWK, OLD ROHTAK ROAD, DELHI-110 035, INDIA,
AN INDIAN COMPANY REGISTERED UNDER INDIAN COMPANIES ACT, 1956, OF THE ABOVE ADDRESS

DATE OF REGISTRATION	17/12/2014
TITLE	FOOTWEAR

PRIORITY NA

DESIGN NUMBER	265157
CLASS	10-07

1)MONTRES TUDOR S.A., A JOINT STOCK COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND,
OF 3, RUE FRANCOIS DUSSAUD, 1211 GENEVE 26, SWITZERLAND

DATE OF REGISTRATION	26/08/2014
TITLE	WATCHCASE WITH WRISTLET

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
140457	28/02/2014	SWITZERLAND

DESIGN NUMBER	265356
CLASS	12-05
1)ARJOHUNTLEIGH AB, HAVING THEIR ADDRESS AT HANS MICHELSENSGATAN 10 SE-211 20 MALMO SWEDEN, A COMPANY INCORPORATED UNDER THE SWEDISH LAWS	
DATE OF REGISTRATION	02/09/2014
TITLE	LIFTING DEVICE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002503664	16/07/2014	OHIM

DESIGN NUMBER	265514
CLASS	08-06
1)DILIPBHAI BACHUBHAI HIRPARA (INDIAN NATIONALS) AND SOLE PROPRIETOR OF JANKI DIE-CAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- PLOT NO. 834, AJI INDUSTRIAL AREA, NR; SITARAM WAY BRIDGE, OPP: MUNICIPAL WORKSHOP, BHAVNAGAR ROAD, RAJKOT-GUJARAT (INDIA)	
DATE OF REGISTRATION	09/09/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	267526
CLASS	12-07
1)INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI (IISERM), ROOM 508, HOSTEL 7, IISER MOHALI, KNOWLEDGE CITY, SECTOR 81, S.A.S. NAGAR, MOHALI, PIN-160062, CHANDIGARH, INDIA	
DATE OF REGISTRATION	20/11/2014
TITLE	RADIOACTIVITY DETECTION DRONE FOR THE SURFACE OF EXPO-PLANETS WITH ATMOSPHERE
PRIORITY NA	

DESIGN NUMBER	266672
CLASS	06-01
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD 380007 GUJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	10/10/2014
TITLE	CHAIR
PRIORITY NA	

DESIGN NUMBER	199672
CLASS	12-16
1)DEERE & COMPANY, MOLINE ILLINOIS 61265, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	10/12/2004
TITLE	ENGINE COVER
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/218988	10/12/2004	U.S.A.

DESIGN NUMBER	266061
CLASS	23-04
1)DAIKIN INDUSTRIES LTD., A JAPANESE COMPANY OF THE ADDRESS: UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA-FU, JAPAN	
DATE OF REGISTRATION	26/09/2014
TITLE	AIR CONDITIONER
PRIORITY NA	

DESIGN NUMBER	267658
CLASS	28-03

1)B. R. PLASTICS, AN INDIAN PARTNERSHIP FIRM, WHOSE OFFICE AT 59, 3RD BHOIWADA, BHULESHWAR, MUMBAI-400002, MAHARASHTRA, INDIA AND FACTORY AT 314, A TO Z INDUSTRIAL ESTATE, 3RD FLOOR, G. KADAM MARG, MUMBAI-400013, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE
SURENDRA RAMANLAL SHAH, RAJESH RAMANLAL SHAH, UDAY RAMANLAL SHAH AND PARAG SURENDRA SHAH, ALL INDIANS AND ALL BEING PARTNERS AND OF ABOVE ADDRESS

DATE OF REGISTRATION	24/11/2014
TITLE	HANDLE FOR COMB
PRIORITY NA	

DESIGN NUMBER	217846
CLASS	14-03

1)RESEARCH IN MOTION LIMITED,
A CANADIAN CORPORATION OF 295 PHILLIP STREET, WATERLOO, ONTARIO N2L3W8, CANADA

DATE OF REGISTRATION	14/08/2008
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/303,720	15/02/2008	U.S.A.

DESIGN NUMBER	267308
CLASS	10-05

1)MANIK SHARMA, PROF. (DR.) ASHWANI KUMAR THUKRAL, PROF. (DR.) RENU BHARDWAJ ALL INDIAN NATIONALS HAVING ADDRESS-
DEPARTMENT OF BOTANICAL & ENVIRONMENTAL SCIENCES, GURU NANAK DEV UNIVERSITY, AMRITSAR-143005 (PUNJAB) INDIA

DATE OF REGISTRATION	10/11/2014
TITLE	THERMAL PROOFING TESTING EQUIPMENT

PRIORITY NA

DESIGN NUMBER	266660
CLASS	02-02
1)RAMSON EXPORTS (INDIA) 808, STREET NO. 2, SHANKER LANE, GURU VIHAR, RAHON ROAD, LUDHIANA-141007 (PUNJAB) INDIA.	
DATE OF REGISTRATION	10/10/2014
TITLE	T-SHIRT
PRIORITY NA	

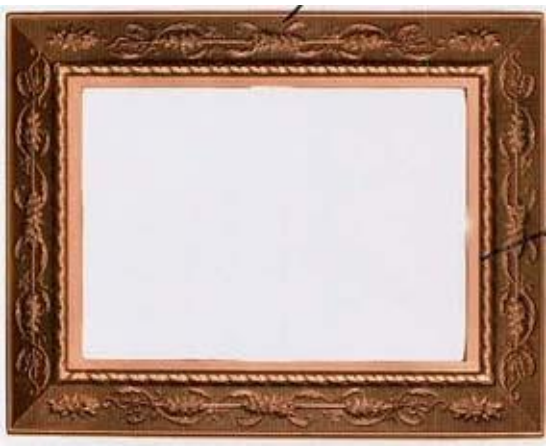
DESIGN NUMBER	265387
CLASS	09-05
1)CAFFITALY SYSTEM S.P.A., VIA PANIGALI 38, 40041 GAGGIO MONTANO (BOLOGNA), ITALY, NATIONALITY: ITALY	
DATE OF REGISTRATION	03/09/2014
TITLE	CAPSULE USED IN THE PREPARATION OF BEVERAGES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002419432	06/03/2014	OHIM

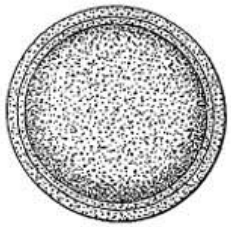
DESIGN NUMBER	266421
CLASS	08-06
1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA	
DATE OF REGISTRATION	07/10/2014
TITLE	CABINET HANDLE
PRIORITY NA	

DESIGN NUMBER	266569
CLASS	06-07
1)M/S ARCHIE AND JUGHEAD INDIA PVT LTD. HAVING OFFICE AT B-144, MAYAPURI INDUSTRIAL AREA, PHASE-1, NEW DELHI-110064, INDIA, AN INDIAN	
DATE OF REGISTRATION	09/10/2014
TITLE	PHOTO FRAME
PRIORITY NA	



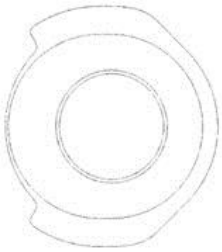
DESIGN NUMBER	268424
CLASS	08-06
1)(1)MAHESHBHAI SASHIKANTBHAI PIPALIYA (2) MANOJBHAI JERAMBHAI LILA (BOTH THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF KRISHA METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT- 6, PARSANA SOCIETY, 50, FEET ROAD, ‘‘RAM’‘ • RAJKOT-360 002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	26/12/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	265866
CLASS	07-01
1)EICHER GOODEARTH PRIVATE LIMITED, AT 3RD FLOOR, SELECT CITY WALK MALL, A-3, DISTRICT CENTRE, SAKET, NEW DELHI-110017, AN INDIAN COMPANY	
DATE OF REGISTRATION	23/09/2014
TITLE	CROCKERY
PRIORITY NA	

DESIGN NUMBER	199712	
CLASS	28-03	
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC., GRANDVIEW ROAD, SKILLMAN, N J 08558, A NEW JERSEY CORPORATION, U.S.A.		
DATE OF REGISTRATION	28/12/2004	
TITLE	SKIN TREATMENT ARTICLE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
29/220,186	28/12/2004	U.S.A.

DESIGN NUMBER	266699	
CLASS	23-03	
1)M/S. AIRIER NATURA PVT. LTD, REPRESENTED BY ITS DIRECTORS RAVIPRAKASH BHAT & SHYLAJA BHAT, INDIAN NATIONAL, HAVING OUR OFFICE AT NO. 2 & 3, 4TH MAIN ROAD, AIRIER COMPLEX BALAJI LAYOUT, SANJAY NAGAR, BANGALORE-560094, KARNATAKA, INDIA		
DATE OF REGISTRATION	13/10/2014	
TITLE	BIO-MASS PELLET BURNER	
PRIORITY NA		

DESIGN NUMBER	209112	
CLASS	24-04	
1)CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400008, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	28/03/2007	
TITLE	TOP COVER OF INHALER	
PRIORITY NA		