पेटेंट कार्यालय
शासकीय जर्नल

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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.

(**Chaitanya Prasad**)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

25TH APRIL, 2014

CONTENTS

THE PATENT OFFICE
KOLKATA, 25/04/2014
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, 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
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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 25/04/2014

क्कार्यालयों 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 चिह्न, 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, 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.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(**Chaitanya Prasad**)
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.

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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.2234/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 25/04/2014

(54) Title of the invention : TRANSFER OF PERMANENT MAGNET ENERGY TO MECHANICAL ENERGY.

(51) International classification	:F03D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)KANOO AMAL KISHOR

(57) Abstract :

According to this invention a permanent magnet engine is disclosed. The permanent magnet engine comprises at least one cylinder adapted to be secured with engine body. A reciprocating piston having at least one permanent magnet secured therewith at one end thereof is disposed in each of the cylinder. A connecting rod adapted to be secured at other end of piston is provided to connect said piston with a crankshaft such that to provided rotational movement to the crankshaft. At least one movable permanent magnet provided with a timing shaft is provided above the cylinder to repel similar pole of the magnet provided with the piston to generate power stroke upon movement of the movable permanent magnet. A flywheel is provided at one end of the crankshaft such that to provide momentum to the crankshaft. Rotating means are provided at one side of the engine such that to provide rotational movement to the movable permanent magnets. Engagement and disengagement means are provided to couple the shaft of the moving magnets as and when required. Another flywheel adapted to be rotated by starting means is provided at other end of the crankshaft such that to coupled with a gear box through a clutch assembly. An air filter assembly is provided with engine body to facilitate entry of air into the piston cylinder assembly

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2013
(21) Application No.2844/DEL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : RAW MATERIAL FOR HAND MADE AND MILL MADE PAPER AND PAPER BOARDS FROM PALM TREE LEAVES.

(51) International classification :D21F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(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 :C/O R. PHILIP BIO-CHEM DEPT., JAMIA HAMDARD UNIVERSITY, HAMDARD P.O., N.DELHI India
(72)**Name of Inventor :**
1)PHILIP VARGHESE

(57) Abstract :
INNOVATION OF COCONUT PALM TREE LEAVES, FAN PALM AND DATE PALM TREE LEAVES FOR HANDMADE AND MILLMADE PAPER MAKING; RAW MATERIALS : AVAILABLE IN ABUNDANCE FROM NATURE AND VERY RICH IN FIBRE. A PERMANENT SOLUTION FOR SHORTAGE OF RAW MATERIAL WORLDWIDE. PULP PAPER INDUSTRIES INCOME : GOOD YIELD FOR PAPER IN QUALITY, QUANTITY/ ETC. : SUITABLE FOR ALL GRADES AND QUALITY OF PAPER : REVOLUTIONARY INDUSTRIALIZATION IN REMOTE VILLAGERS OF HANDMADE I MILLMADE PULP 1 PAPER INDUSTRIES. : INCOME FROM WASTE FOR FARMERS, TRADERS, EMPLOYMENT, INDUSTRIAL GROWTH,ETC .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.2335/DELNP/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : GAS TURBINE ENGINE COMPRESSOR ARRANGEMENT

(51) International classification :F01D
(31) Priority Document No :13/337354
(32) Priority Date :27/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/071614
Filing Date :26/12/2012
(87) International Publication No :WO 2013/101805
(61) Patent of Addition 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)HASEL Karl L.
2)STAUBACH Joseph B.
3)MERRY Brian D.
4)SUCIU Gabriel L.
5)DYE Christohper M.

(57) Abstract :
A gas turbine engine includes a fan section a gear arrangement configured to drive the fan section a compressor section and a turbine section. The compressor section includes a low pressure compressor section and a high pressure compressor section. The turbine section is configured to drive compressor section and the gear arrangement. An overall pressure ratio which is provided by a combination of a pressure ratio across said low pressure compressor section and a pressure ratio across said high pressure compressor section is greater than about 35. The pressure ratio across the low pressure compressor section is between about 3 and about 8 whereas the pressure ratio across the high pressure compressor section is between about 7 and about 15.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2368/DELNP/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FUNDAMENTAL GEAR SYSTEM ARCHITECTURE

(51) International classification :F02C
(31) Priority Document No :61/653731
(32) Priority Date :31/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041761
Filing Date :20/05/2013
(87) International Publication No :WO 2014/028085
(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)UNITED TECHNOLOGIES CORPORATION
Address of Applicant :One Financial Plaza Hartford Connecticut 06101 U.S.A.
(72)**Name of Inventor :**
1)SHERIDAN William G.

(57) Abstract :
A fan drive gear system for a gas turbine engine includes a gear system that provides a speed reduction between a fan drive turbine and a fan and a mount flexibly supporting portions of the gear system. A lubrication system supporting the fan drive gear system provides lubricant to the gear system and removes thermal energy produced by the gear system. The lubrication system includes a capacity for removing thermal energy equal to less than about 2% of power input into the gear system.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.869/DEL/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : APERTURE COUPLED MICROSTRIP PATCH ANTENNA WITH AN ASYMMETRIC '8' SHAPED SLOT FOR DUAL BAND CIRCULAR POLARIZATION

(51) International classification	:H01Q	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)AJAY KUMAR SHARMA**
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY SCHOOL OF
(33) Name of priority country	:NA	INFORMATION & COMMUNICATION TECHNOLOGY,
(86) International Application No	:NA	GGSIPU, SECTOR-16-C, DWARKA-110078 Delhi India
Filing Date	:NA	**2)ASHOK MITTAL**
(87) International Publication No	: NA	**3)B.V.R. REDDY**
(61) Patent of Addition to Application Number	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)AJAY KUMAR SHARMA**
(62) Divisional to Application Number	:NA	**2)ASHOK MITTAL**
Filing Date	:NA	**3)B.V.R. REDDY**

(57) Abstract :
Dual band circular polarization with a small frequency ratio and wide impedance bandwidth are the main characteristics of an antenna suitable for Satellite Communication, Global Positioning System (GPS) and Radio Frequency Identification (RFID) applications. This poses a challenge in case of a single feed and single patch microstrip antenna structure. A lot of research is underway nowadays to achieve this. To improve upon the impedance bandwidth of microstrip patch antennas the aperture coupled configuration is a good choice. The aperture coupled microstrip antermas has numerous advantages over conventional probe fed microstrip antermas. In aperture coupled antennas, separate substrate can be used for the feed circuit and the antenna element to isolate spurious feed radiation from the antenna element by use of a common ground plane. Further, the input impedance can be controlled by the size and position of the aperture. Any excess reactance generated by the coupling aperture can be tuned out by the use of tuning stubs in the feed line. The shape of the aperture can be chosen suitably to improve coupling with the feed line and the patch. Further, aperture coupled configuration exhibits low cross polarization levels and wide bandwidth making it suitable for circularly polarized antennas for wideband applications. It has been investigated through simulation and proved experimentally that an asymmetric 8 shaped slot generates circularly polarized radiation in a dual band with small frequency ratio. Measured results show that the proposed structure exhibits a 2:1 impedance bandwidth of 43.08 % with respect to design frequency of 2.6 GHz. The 3 dB axial ratio bandwidth for lower and upper bands are 2.1% and 3.3 % with respect to 2.32 GHz and 2.75 GHz respectively. A small fi-equency ratio of 1.18 was achieved with this geometry which makes this antenna suitable for applications like GPS and RFID.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014
(21) Application No.827/DEL/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A MULTIMODE POLARIZED WINDOW TINTING SYSTEM

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

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3)TIWARI DHEERAJ
(72)**Name of Inventor :**
1)JAIN MAYANK
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3)TIWARI DHEERAJ

(57) Abstract :
The multimode polarized window tinting system relates to an adjustable window tinting system for buildings, homes, airplanes or wherever required using polarizing filters/sheets, based on the principle of polarization of light. The extent of tinting of this window can be easily varied by the user. The system comprises of two polarizing sheets/filters for a window and a mechanism (subsystem) which can be manual, wireless remote controlled or completely automatic is incorporated in the system to vary the relative orientation of the two polarizing filters/sheets thus increasing or decreasing the extent of transparency of the window as per user requirement or comfort. Thus the proposed system provide a much flexible solution for tinting the windows to varying extents as compared to the other currently used electrically stimulated tinting glasses .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2014

(21) Application No.365/DEL/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A SYSTEM FOR PREVENTING FUEL THEFT FROM VEHICLES

(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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5)Tarun Garg
6)Shashwat Verma
7)Nishu Garg
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3)Amit Kumar Mondal
4)Vindhya Devalla
5)Tarun Garg
6)Shashwat Verma
7)Nishu Garg

(57) Abstract :
The present invention provides a system for preventing fuel theft in two and three wheelers vehicles. This patent deals with designing and fabrication of a system that prevents the theft of fuel (petrol) from all the available two-wheelers and three-wheelers. According to an aspect of the invention, the system of present invention is to be installed in the fuel supply pipe. The output from the fuel cock shall be provided as the input of the solenoid valve which only allows fuel to pass once it is switched ON. According to another aspect of the instant invention, system comprises of an electrical flow control valve and a flow control valve.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013
(21) Application No.3743/DEL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : VERY LOW JERK AND LOW COST VEHICLE SUSPENSION

(51) International classification :b60g
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)REKHA AGARWAL
3)RAJAT AGARWAL
(72)**Name of Inventor :**
1)NARENDRA SWARUP AGARWAL
2)RAJAT AGARWAL

(57) Abstract :
A VEHICLE SUSPENSION SYSTEM COMPRISES CHASSIS OR ITS ATTACHMENT (1) CONNECTED TO THE WHEEL ASSEMBLY (4) BY THE ROLLERS (2) AND LINKS (3). WITH THE RAISING OF TYRE ON THE BUMPS, THE WHEEL ASSEMBLY RISES ALONG WITH THE LOWER END OF THE LINK (3) RESULTING IN ROLLING OF ROLLERS (2) TO MAINTAIN THE CHASSIS NEARLY AT THE SAME LEVEL WITHOUT GIVING JERK TO THE RIDERS OF THE VEHICLE. IN CASE OF POTHOLES REVERSE MOVEMENTS TAKE PLACE TO AVOID THE JERKS. ADDITIONALLY A SHOCK ABSORBER (10) IS ATTACHED BETWEEN THE CHASSIS OR AN ATTACHMENT OF THE CHASSIS AND THE WHEEL ASSEMBLY (4) BY A PIVOTED SHOCK-ABSORBING ARM (8) AND SPRING-A (9) TO MINIMISE THE TRANSMISSION OF JERKS DUE TO BUMPS & POTHOLES ON THE ROAD.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2014

(21) Application No.1325/MUM/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PROTOCOL TO CORRECT ENERGY FIELDS BY REMOVING SELECTIVE NEGATIVE EARTH ENERGIES INCLUDING CERTAIN TYPES OF GEOPATHIC STRESS AND CREATING ABUNDANCE OF POSITIVE VIBRANT ENERGIES SO AS TO USHER DIVINITY BY THE USE OF SELECTIVE TWO OR MORE ELEMENTS FROM THE PERIODIC TABLE OF ELEMENTS

(51) International classification	:G06Q 20/00, 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

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(72)**Name of Inventor :**
1)MR. JITEN K PANDDYA

(57) Abstract :
Any vastu / feng shui or geopathic stress remedy is for a house or apartment only, this revolutionary product when placed in a house, clears selective geopathic stresses from an area of 500,000 sq. feet and not only this, it also enhances the positive vastu energies in one go uniformly for all the houses falling under its area of influence !

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014
(21) Application No.1286/MUM/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : DESIGN OF WEED ASSISTED WASTEWATER BIOREMEDIATION SYSTEM FOR IRRIGATION USE

(51) International classification	:A01M 21/00, E02B 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 :**
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(72)**Name of Inventor :**
1)DR. PREMRAJ JAGOJI KHANKHANE
2)DR. JAY GOPAL VARSHNEY

(57) Abstract :
Agriculture is victim of soil contamination due to irrigation of industrial waste water to various crops grown in peri-urban areas. Crop is then another introduction point of heavy metals into food chain, where toxicity can be then further biomagnified. To alleviate the detrimental impact on soil and crop quality, application of earlier designs using aquatic plants are mainly targeted for reduction of COD, BOD and nutrients having lower efficacy for heavy metal removal and requires higher hydraulic retention time of 8-15 days which rarely meet out frequent and timely irrigation requirement of agricultural crops during dry period. The present invention relates the design of weed assisted bioremediation system applicable for removal of toxic heavy metals from industrial waste water. The said design assisted with Arundo donax grown in especially developed structures of hydroponic, surface and subsurface wetland removes heavy metals. This design requires less energy and treated water is directly discharged on the irrigation plot through gravity flow without need of pump. This design is useful for protection of field soil from heavy metal contamination and control metal entry in vegetable crop. As far as metal contaminated biomass is concerned, Arundo donax has further utility for making baskets which can further delay the metal entry in food chain.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.3507/MUM/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : HERBAL COMPOSITION FOR TREATMENT OF HYPERTENSION AND ASSOCIATED DISORDERS

(51) International classification	:A61K36/00, A61P 9/12
(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)SHARMA, Anil Kumar

(57) Abstract :
The present invention in an embodiment provides a herbal composition used for treatment of hypertension and associated disorders, comprising of at least a part of Rauvolfia Serpentina, a part of Nardostachys Jatamanshi, a part of Allium Sativam, a part of Ocimum Sanctum, a part of Curcumin Longa, a part of Embilica Officinalis, a part of Azadirachta Indica, a part of Trigonella Foenum Graecum, a part of Zingiber Officinale, a part of Tribulus Terrestris, a part of Withania Somnifera, a part of Pueraria Tuberosa, a part of Terminalia Arjuna, a part of Centella Asiatica, a part of Mentha Arvensis Marsh Mint, a part of Foeniculum Vulgare, a part of Andrographis Paniculate, a part of Cichorium Intybus, a part of Myrtus Caryophyllus, a part of Cuminum Cyminum, and a part of Aloe Indica to which parts of one or more additional complimentary herb may be optionally added.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2014
(21) Application No.1310/MUM/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SYSTEM FOR ONLINE BOOKING OF LUNCH AND THE METHOD THEREOF

(51) International classification	:G06F17/00, G06Q50/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)CHAITANYA VASUDEV SHAH

(57) Abstract :
This invention relates to a system for online booking of lunch and in particular. this invention relates to a system for online booking of lunch over a communications network, such as the Internet. Also, the present invention relates to system wherein when the traveler comes to the place by using the system he or she can book a lunch with locals. More particularly, this present invention relates to a system for online booking of lunch wherein an order confirmation means is further provided for notifying the customer upon submission of the order to the restaurant along with estimated pick-up or delivery times. Furthermore, this invention also relates to a method of processing orders over the Internet by using the system for online booking of lunch.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2014
(21) Application No.1321/MUM/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : 'NAAVRAJ' ATTENUATION SYSTEM AND METHOD FOR THE ATTENUATION OF GEOPATHIC STRESS

(51) International classification :A61N1/16
(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)AVINASH G. KHARAT
2)NANDKUMAR POPATRAO DHARMADHIKARI
3)RAVIRAJ R. SORATE

(57) Abstract :
NAAVRAJ an attenuation system and a method of attenuation of geopathic stress is designed in this invention that includes positioning of an AVRAN on a source of geopathic stress and connects all AVARANs with the help of RAAV connector to RAAV absorber, such that the geopathic stress gets attenuated.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.1673/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MULTIPURPOSE ENGINE OPERATED WINCH

(51) International classification :b60p
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BINOY E V
Address of Applicant :S/O E.K. VISWANATHAN, EETTINILKUNNATHIL VALAMCHUZHY, MALLASSERY P.O, PATHANAMTHITTA Kerala India
(72)**Name of Inventor :**
1)BINOY E V

(57) Abstract :
This invention relates to a self regulated Engine Operated winch, which can be connected to any vehicle for loading of heavy objects including wooden logs . Using this invention, the driver of the Vehicle alone can do the loading of heavy wooden logs. It is also used to lift the vehicles trapped in muddy dips and to take vehicles through steep rock cliffs and can be used to lift vehicles from such deep terrains without a driver. The multipurpose winch according to the invention operates taking power from the engine of the Vehicle itself. It comprises set of sprocket wheels, connected through chain to the shaft to take the power of the engine to the shaft and again it is connected to the worm and worm gear using another set of sprocket and chain. The connection between the worm gear and winch drum is regulated through gear key. While torque reaches the worm gear and the winch drum, the torque enables the log to be carried into the pick up vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.1663/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ABRASIVE SLURRY AGITATOR FOR EXTERNAL SURFACE FINISHING PROCESS

(51) International classification :B24B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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. P. KARUPPUSWAMY

(57) Abstract :
The present invention discloses an external surface grinding/finishing device which uses agitated abrasive slurry for the purpose. The invention also discloses the method of using the device for surface finishing the work piece such as axis-symmetric components. The device consists of a stationary drum filled with abrasive slurry. A central shaft supported by a bearing as well as bush coupled with an electric motor runs inside the said stationary drum. Outer end of the stationary drum is closed using lid to prevent abrasive slurry from leaking. To perform the finishing operation, the agitator, spacers, work piece, spacers and another agitator are inserted in sequence through the central shaft at inside the stationary drum before filled with slurry. These agitators and work piece are coupled with the central shaft using keys to prevent any relative rotation. Once the entire assembly is done, the stationary drum is closed using a lid and the slurry is filled through pouring cup. Upon filling the slurry, the motor is made to run and the work piece rotates inside the stationary drum. The impact of the abrasive particles over the work piece performs the finishing operation and the process is enhanced further by agitators. Agitators continuously move slurry from the vicinity of the work piece and load with fresh slurry. In this way, the device discloses a low cost method of polishing the exterior of axis-symmetric work pieces.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014
(21) Application No.1833/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ONE SIDE TOOTHED DENTAL TAPE FLOSS

(51) International classification :A61C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHAPARALA SRINIVASA RAO

(57) Abstract :
The cleaning moments of present using different types flosses can clean only the upper portion of gingival sulcus but they cannot clean the bottom deep narrow corner of the sulcus where the infection starts, grow and damages the tooth. This invention One side toothed dental tape floss made of either plastic, synthetic, nylon, PTFE or polyethylene silk or mixed with 2 or more materials or elastic or any suitable material and consists of single filament or malty filament. It is like flattened floss but its top side or edge (1) is a normal plain side or edge means it does not consist of any teeth and its other bottom side or edge consists of the saw blade like teeth cuts (3) are there. Its front and back sides consist of mainly right triangular prism shaped sponges are fixed (2) or plain surface or rough designs or consist of or bristles to clean concave and irregular tooth surface (15). The teeth of this floss are like an equilateral triangular in shape and its vertex points straightly 90 degrees towards the ground or right angle or some slant angles like obtuse with some bend or any required suitable shape. The floss top plain side or edge and its bottom teeth sides or edges are flat or round or cone shaped and any other type as per the need. The toothed edge is colored with red or orange (7). From the bottom of the triangle teeth vertex a semi hard plastic are same material rod (4) is fixed vertically or up to the top side of the floss, either from the tip of the teeth or just above the tip. This floss can also be made and used without having any rods and sponge or bristles as per the need fig-4,fig-5,fig-6.When using this invention it can remove the plaque and food particles in the gingival sulcus, gum margins around the teeth, concave portion of the teeth and especially it can also remove the plaque and food practicals from the bottom deeper narrow corner of the sulcus by collecting them between its teeth and bring them out. It also exist an equilateral triangular prism shape sponge with teeth cuts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.1625/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FOLDABLE COCONUT SCRAPER

(51) International classification :a23n
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SELVARAJAN. E.V.

(57) Abstract :
The invention pertains to the improvement in a novel manner to a Coconut scraper. The main object of this invention is Safe, Efficient and User Friendly utilization of Scraper. This invention has been set up for preventing back pain and other discomforts in the usage of a conventional scraper by bringing about the scraper in an elevated chaired position with tong teeth in scraper enabling efficient and comfortable shredding. As already set out in the description the scraper is devised with tong teeth which efficiently carry out the main object and the entire system has wooden-plank and steel body. Besides the above the system involves carrying of the task at an elevated position guaranteeing a comfortable posture thereby mitigating the risk of incurring pains or aches that can occur by operating it in the conventional manner by sitting in floor in an awkward posture.

No. of Pages : 13 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.1680/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : REUSABLE SAND - POWER GENERATOR

(51) International classification :b23k
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)ALAMURI RAMA RAYUDU

(57) Abstract :
Till today this kind of power generation is not taken place in the world. The usage of sand for two electric power generation is unique. The drawing submitted can not be copied. The usage of sand for this process is denied. Title of this invention ios reserved.

No. of Pages : 4 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2014
(21) Application No.1975/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR FLUSHING TOILET HAVING LEVER CONTROLLED SUCTION VALVE SYSTEM WITH CONTROLLED CISTERN FLUSHING MECHANISM

(51) International classification :e03d
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)ASHOK KUMAR BHUKYA

(57) Abstract :
A system for flushing toilet having lever controlled suction valve system with controlled cistern flushing mechanism comprising of an automatic flushing cistern (1) connected to the toilet bowl. The toilet bowl (6) is connected to a horizontal pipe (8) which is connectable to septic tank or sewer line. Said horizontal pipe consists of three sub systems like, spring enabled lever control system, suction valve (11a) system and an automated cistern controlling system which are interconnected. The bowl lever (9a) is connected to the cistern lever (2a) via lever junction box (17)and the automated cistern flushing mechanism is coordinated with opening and closing mechanism of suction valve. Whenever the lever is applied, it opens the suction valve and the cistern valve simultaneously One of the advantage here is that one can stop the flushing in-between without fully emptying water from the cistern, saving more water compared to prior art systems.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2014
(21) Application No.1867/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NOVEL MULTI EPITOPE ANTIGEN FOR DIAGNOSIS OF LEPTOSPIROSIS

(51) International classification	:A61K 39/00
(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)REGISTRAR, ANNA UNIVERSITY, CHENNAI
(72)**Name of Inventor :**
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2)GOPAL DHINAKAR RAJ
3)GOPALAKRISHNAN RAVIKUMAR
4)TUTICORIN MARAGATHAM ALAGESAN SENTHIL KUMAR
5)ANGAMUTHU RAJA
6)MANOHARAN PARTHIBAN

(57) Abstract :
The present invention is a Novel Multi Epitope Antigen for diagnosis of Leptospirosis sp. Leptospirosis is caused by a group of highly invasive spiral bacteria that can infect both humans and other mammals. The higher number of pathogenic serovars and serogroups are the primary reason for misdiagnosis. In this present invention the synthetically tailored multiepitope gene was designed by fusing the conserved antigenic regions of crucial outer membrane proteins, namely Lipl32, Lipl41 and Lipl21 and ompLl, two epitopes from each outer membrane proteins were linked together with tetraglycyl linkers forming 160 aminoacid sequences. This Novel multi epitope gene was designed by selecting conserved regions from more than 35 serovars, thereby making the multiepitope protein a suitable antigen candidate for detecting broad range of leptospira serovars. ELISA (Enzyme linked immune sorbant assay) and Rapid Flow through based Dot Immunoassay was standardized using Multi epitope protein as the antigen respectively

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2014
(21) Application No.1968/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ANTI-DIABETIC ACTIVITY OF AEGLE MARMELOS AND SOLANUM MURICATUM FRUIT EXTRACTS AND THEIR ACTIVE COMPOUNDS

(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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(72)**Name of Inventor :**
1)MRS. A. NIRMALA
2)MRS. G. MANIMEKALAI

(57) Abstract :
Plants are important source for exploring you product of medicinal value in view of various bioactives present in their plants. Their bioactive are generally described to the occurrence of secondary metabolites which are unique to specific species or genera and to have both beneficial and adverse effects. Ayurveda and other traditional medicinal system for the treatment of diabetics describe the number of plants used as herbal drugs. Hence, they play an important role as alternative medicine due to less side effects and low costs. Now a days these phytochemical constituents finds use as netroceuticals that have long term health promoting are major phytomedicinal compounds. Phytonutrients may serve as antioxidant properties and enhance the metabolism. Herbal medicines have been the highly estimated source of medicine throughout the human history. They are widely used today indicating that herbs are a growing part of modern, high- tech medicine. The medicinal plants, having natural therapeutic values against various diseases and considerables works have been done Aegle marmelos and Solarium muricatum Fruit extracts to treat diabetic metelis and their active chemical constituents have a role in their management of diabetic metellis. This study is the first report of the antioxidant and the phytochemical and antibacterial properties of Aegle marmelos and Solarium muricatum Fruit extracts can be used as an effective antioxidant, phytochemical and antibacterial agent to combat the various ailments.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013
(21) Application No.1709/CHE/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SURFACE MINER KERB FLUSHING

(51) International classification :b26d
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)SHRI. P. PRAKASH PAI
2)SHRI. P. ANANTHA PAI

(57) Abstract :
The present invention relates to an auxiliary cutter mounted either on the leading or trailing side of the mechanical belt drive surface miners, for flushing the kerb formed under the belt drive side. The auxiliary cutter acts synchronously with the main cutter of the surface miners, to flush the kerb thus providing additional cutting width and improving the production rate. The auxiliary cutter is articulated with a pivoted load sensing hydraulic cylinder arrangement for automatic engagement and disengagement of the auxiliary cutter system to prevent overloading and to maintain the same machine speed simultaneously ensuring the safety of the auxiliary cutter. The auxiliary cutter assembly enables the surface miners to work on the mine bench wall without the need for reorienting or repositioning the machine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2014

(21) Application No.1891/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL METHOD TO MANUFACTURE BI-ASPHERIC LENSES USING PLASTICS

(51) International classification :e06b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)S. ILANGOVAN
2)R. JOSEPH BENSINGH
3)SANJAY KUMAR NAYAK

(57) Abstract :
The present invention relates to a method for manufacturing bi-aspheric lenses using plastics by injection moulding using an injection mould comprising two replaceable inserts, Surfaces of said replaceable inserts forming the configuration of optical surfaces of bi-aspheric lenses and a U-shaped runner. The U-shaped runner has two ends, one end being a blind end and other end connecting to sprue. The blind end of said U-shaped runner, optionally, has additional runner chamber at the blind end. A flow chamber is provided optionally at the end of filling point. The blind end as well as additional chamber receives the first incoming cold material. The flow chamber at the end of filling point facilitates the elimination of fusion with in the volume of complete recess. The present invention thereby results in unique and cost effective method of producing bi-aspheric lenses using plastics material through injection moulding process.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2013
(21) Application No.2596/CHE/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : BLENDING OF RICEBRAN OIL AND DIFFERENT GRADES OF OLIVE OIL

(51) International classification	:A23D 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

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2)MR. SYED AMEER HAMZA

(57) Abstract :
The present invention relates to edible oil blends a result of the synergistic effects, having a desired fatty acid profile and to methods for preparing such edible oil blends. Also, the methods are provided for preparing edible oil blends by blending, as a result of synergistic effects, first edible oil and second edible oil in amounts sufficient to provide an edible oil blend having a desired fatty acid profile and/or other desirable characteristics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.1686/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A MULTIPLE SPEED ACCELERATOR AND DECELERATOR FOR HIGH SPEED CONTINUOUS TRANSPORTATION

(51) International classification	:Fo2d	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)J. PETER RAJ**
(32) Priority Date	:NA	Address of Applicant :NO. 46/892/A, 60 FEET ROAD,
(33) Name of priority country	:NA	RAGUMATH NAGAR, MAHARAJA NAGAR POST,
(86) International Application No	:NA	THIRUNELVELI - 600 011 Tamil Nadu India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)J. PETER RAJ**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Accelerator and decelerator are equipment that rises or lower the speed of any object or person on it gradually. This increase or decrease in speed can be a batch increment, decrement or linear increment, decrement. Increment in speed is done by accelerator and decrement in speed is done by decelerator. In batch increment type accelerator, the accelerator is divided into segment, named as speed stage where each speed stages speed has slight increment in speed, when compared to its previous segments speed. So for each segment separate gear arrangement housing with a unit electrical drive or group electrical drive is attached, where each unit extends to few feet with a reasonable width. In linear increment type or continuous increment type, the accelerator just raises the speed from zero at the starting point to its maximum at the ending point, which has a linear rise in speed depending upon the position of object or person in the accelerator. The function of decelerator is as the same as that of the accelerator, but in reverse direction, that is it reduces the speed from full speed to zero. Placement of an object or person exactly at desired point or position at desired time in high speed escalator by the accelerator is achieved by controlling the speed of speed stages of accelerator. So all the speed stages of accelerator doesnt have a constant speed, some has variable speed named as variable speed stage and some has constant speed named as constant speed stage.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013
(21) Application No.1710/CHE/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SURFACE MINER BELT DRIVE SYSTEM

(51) International classification :f16h
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHRI. P. PRAKASH PAI
2)SHRI. P. ANANTHA PAI

(57) Abstract :
The present invention provides a geometric synchronous belt tensioning arrangement for a multi-stage belt drive system. The invention uses a geometrical concept to synchronize the belt tensioning arrangement mechanically by varying the geometric proportions and also simultaneously reduce the total number of components used in the belt drive assembly. The geometric synchronous belt tensioning arrangement comprises a main drive pulley; a primary drive pulley; a belt connecting the main drive pulley and primary drive pulley; a secondary drive; a common shaft connecting the primary drive pulley and secondary drive pulley; a main driven pulley; a belt connecting the main driven pulley and secondary drive pulley; idler pulley; a jack arrangement; and a hydraulic cylinder.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013
(21) Application No.1711/CHE/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SURFACE MINER CUTTER START UP AID

(51) International classification :f16h
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHRI. P. PRAKASH PAI
2)SHRI. P. ANANTHA PAI

(57) Abstract :
The present invention provides an start up aid for the surface mining equipment in the form of an auxiliary drive mounted at any point of the drive line, to provide assistance to the main prime mover in case of starting high inertial loads. The auxiliary drive of the present invention also improves the engine life by lowering the shock loads on the engine; increases the clutch life by reducing the differential speeds of the drive and driven components; increases the system capacity to take higher inertial start up loads by increasing the clutch engagement rpm. Further auxiliary drive start up aid enables the surface mining equipment to cut hard formations without the problem of cutter stalling due to the availability of higher amount of instantaneous energy and also eliminates the need of resizing the engine to a bigger size for starting up high inertial load operations.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.1753/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NOVEL MEDIA FOR GROWING FUNGI AND BACTERIA WITH ITS PRODUCTION TECHNOLOGY

(51) International classification :c12n
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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. GIRISH ANANTRAO GUNJOTIKAR
2)DR. K. SATYAGOPAL

(57) Abstract :
Exemplary aspect of the present disclosure are directed towards a culture medium for the growth of microorganisms comprising an extract of wheat grains wherein the extract in water yields a GS-I liquid medium and wherein the extract when oven-dried yields a GS-II powder medium.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.1754/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PADDY DRYER

(51) International classification :f26b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)G. SHANKAR

(57) Abstract :
Exemplary embodiment of the present disclosure is directed towards a paddy dryer. The arrangement includes a dryer chute further comprising a perforated sheet with two distal ends affixed to one another to form a predetermined hollow space suited to hold a paddy grains. The predetermined hollow space covered with a top frame at an upper side and a bottom frame at a lower side for providing accommodated space to paddy grains. A metal sheet covered over the perforated sheet for protecting the paddy grains from high moisture. A cent blower positioned below the dryer chute configured to generate a hot air over an entire height of the dryer chute for drying the inducted paddy grains and one or more pillars configured to support the dryer chute and positioned in a predetermined height.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014
(21) Application No.1317/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN AUTOMATED RECHARGEABLE GOODS CARRIER AND AN IMPROVED METHOD OF CARRYING GOODS IN A PREMISE

(51) International classification :b65g
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)KOWTHA ABHISHIKT

(57) Abstract :
The Invention An automated solar power assisted goods carrier and an improved method of carrying goods in a premise is disclosed. The present invention works based upon a principle which is Higher the RPM Lower the Torque, Lower the RPM Higher the Torque. The goods carrier comprises the following functional units a ˜L™ Angle plates & iron sheet, a uni-directional anti friction wheels, a solar panel, a turning motor and a driving motor with gear box are disclosed. A hydraulic or pneumatic system and it can turn around in all directions to unload the heavy materials is disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.1651/CHE/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR PROJECT CONTROLS

(51) International classification :go6f
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(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)DOMMARAJUKRISHNAMARAJU NAGARAJU

(57) Abstract :
The Invention A computer implemented project control system and method adapted for enabling an efficient management of a project. The present invention bridges the gap that has traditionally existed between planning and managing project execution and is to provide an efficient, improved, computer implemented project management system with effective monitoring and controlling method which allows a better management of a project schedule, resources and cost. The invention further develops an application comprising a server based and web enabled data base supported by user friendly front end application for managing the projects in a multi user environment. The present invention allows concurrent usage on multi project environment by providing a reliable, secured and practical project management system. The present invention has capabilities for real time project data - collaboration, manipulation and performance monitoring system. The invention make ease of using built in tools to produce standard periodical reports or customized reports with a facility to create the layout using any data base record of items and using drilldown, filtering, grouping, sorting and summarisation options.

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.1758/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : COMPUTER PROGRAM PRODUCT, SYSTEM AND METHOD FOR PROVIDING AN EMERGENCY AID SERVICE AND PERSONALIZED MANAGEMENT OF HEALTH RECORDS

(51) International classification	:go6f
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(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 :
Exemplary embodiment of the present disclosure is directed towards to a computer program product, system and method for providing an emergency aid service and personal management of health records. The system includes one or more user authenticated data communication devices integrated with an application platform triggered by an external triggering unit for transmitting the emergency of the registered user to one or more emergency aid service providers and one or more personal care aids provided by the registered user. The computer program product enabled by a triggering unit configured to select an emergency from a list of predetermined emergency aid service providers, track the current geographical location of the registered user, instantly track the medical record of the registered user and notify the invoked emergency aid service provider and the one or more personal care aids.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.1755/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NATURAL ENEMY-FRIENDLY LIGHT TRAP

(51) International classification :ao1m
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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. K. SATYAGOPAL
2)G. SHANKAR

(57) Abstract :
Exemplary embodiment of the present disclosure is directed towards an natural enemy -friendly light trap. The arrangement includes a conical funnel with broad end and narrow end configured to trap the insects, an illumination source positioned above the broad end of the conical funnel for attracting the insects through the illumination effect, a container with slot positioned below the narrow end of the conical funnel used for accommodating the trapped insects. The container further comprises porous which provides gateway route to the smaller size beneficial insects.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2014
(21) Application No.672/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A METHOD FOR CAPTURING AN ACCURATELY COMPOSED HIGH QUALITY SELF-IMAGE USING A MULTI CAMERA DEVICE

(51) International classification	:ho4n
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(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)SRIHARI SADHU SAMPATHKUMAR
4)SRIRAM SADHU SAMPATHKUMAR

(57) Abstract :
The present invention relates to a method and device for capturing an accurate composition of an intended image/self-image/self-image with surrounding objects, with desired quality or high resolution and quality of the image is achieved by using motion sensor/direction sensor/position sensors and by matching minimum number of contrast points. The device(3) can be a typical mobile phone/device(3) with front and back camera feature. The device(3) and method allows the person to capture any image/self-image through a low resolution/front camera and further allow/assist the person to take a same image with same composition with high resolution/high quality image(5) through a back side camera of a cell/dual camera device. The device(3) further having a control means which assists and guides the person/photographer to capture an accurate image, wherein the control means includes plurality of sensing means for sensing required parameters. The control means allows the person to obtain quality image with desired boundary region which is pre¬programmed into the control means.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2014
(21) Application No.946/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN AERODYNAMIC SPEED CONTROL SYSTEM FOR WIND TURBINE

(51) International classification :F03D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VALAGAM RAJAGOPAL RAGHUNATHAN

(57) Abstract :
The present invention relates to an aerodynamic speed control system (shown in fig 1) for controlling the speed of the wind turbine spontaneously. The system achieves speed control by means of mechanical and electronic configurations. The mechanical configuration controls the turbine speed by enabling aerodynamic braking with respect to centrifugal force however without additional power supply. The electronic configuration is act as a backup system to perform the task of centrifugal force and also control the speed of the turbine in different conditions like grid failure, stopping of turbine at required condition and unavailability of power. Further the electronic configuration is controlled by a control means with respect to sensing means (shown in fig 4a&4b) which can sense the turbine speed as well as pitching angle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2013
(21) Application No.1547/CHE/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : USE OF NATURAL BIOENHANCER TO IMPROVE SAFETY AND EFFICACY OF CONVENTIONAL ANTI-ARTHRITIC DRUG

(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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(72)**Name of Inventor :**
1)X. FATIMA GRACE

(57) Abstract :
Mucilage was isolated from the herb Cardiospermum halicacabum and was studied for its Bioenhancing and excipient properties. It showed compatibility with a wide range of drugs. A solid oral dosage form was formulated using this isolated mucilage with the commonly used antiarthritic drug Leflunomide. Various studies were done to evaluate maximum bioavailability of the drug by the mucilage obtained from Cardiospermum halicacabum. The drug showed increase in enhancement when combined in different ratios and maximum was found with the ratio of 1:3. The formulation was found to be stable, nontoxic and does not exhibit any undesirable effects.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2014
(21) Application No.1969/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ANTI-HEPATITIC ACTIVITY OF PHYLLANTHUS ACIDUS AND PHYSALIS MINIMA AND METHOD FOR PRODUCING THE SAME

(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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(72)**Name of Inventor :**
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2)DR. G. MANIMEKALAI

(57) Abstract :
Medicinal plants play a key role in the human health care. About 80% of the world populations rely on the use of traditional medicine. This is predominantly based on plant materials. Plant extracts for liver diseases should possess sufficient efficacy to cure severe liver disease caused by toxic chemicals, Viruses, excess alcohol intake. Effective formulations have to be developed using medicinal plants. Phyllanthus acidus and Parkia javanica are tropical plants that are consumed as herbs by the Indian tribal for remedy of gastrointestinal tract disorders. We have tried to establish whether they have any immune modulatory effects on the micro phases for an enhanced immune action. Phyllanthus sps. Has long been used in folk medicine in many countries as antimicrobial and / or antioxidants our finding support the uses of the phyllanthus species in traditional medicine. Physalis minima Linn. Is widely used in the indigenous system of medicine for the treatment of diuretic, fevers, dropsy, etc., In the present study an attempt to evaluate phytochemical constituents and anti hepatica activity of the leaf and unripe fruit of P.minima. All part of the Physalis minima has identified triterpenoid substances. Former identified terpenoid such as geranio was shown to inhibit the growth of hepatic carcinoma cells. In this present study phytochemical constitution pharmogonestic studies, Antioxidant activity and cytotoxicity assay of the two plants Phyllanthus acidus and Physalis minima. Adult male albino rats were used for Anti-hepatitis assay for the determination of HBS Ag, HBE Ag, HBV DNA, Plasmid construction & HBV promoter Luciferacea reporter assay. Finally compound were isolated from leaf or fruit to cure or protect hepatitis. And also structural elucidiation of the compound is found out.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2014
(21) Application No.1912/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SATURATION METHOD OF A DRUG FOR DENTAL

(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)DR. AJAY REDDY MAREDDY

(57) Abstract :
Exemplary embodiment of the present disclosure is directed towards a saturation method of a drug endodontics. The method comprises obturation of one or more pulp canals attained with a blend of copolymer composition comprising a Poly- Lactic Acid and a Poly- Glycolic Acid. Inserting a plurality of cones molded with copolymer composition into an infected canal of one or more tooth up to a reliable length, Inserting the cone of reliable length into a tooth is attained using visualization of Radio-opacity using radiographs. These cones show non toxic effect on apical tissue. The cone is molded with the copolymer composition attains metabolism in vivo through hydrolysis into alpha hydraulic acids present within the body, while the cone incorporated with various medicaments used for constant controlled drug release system in one or more periapical infected tooth. The cone molded with copolymer blend inserted into an infected canal of a primary tooth and Poly- Lactic Acid and a Poly- Glycolic Acid medicated cone inserted into an infected canal of both primary tooth and permanent tooth.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2013
(21) Application No.5373/CHE/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FUZZY INFERENCE MODEL FOR DISEASE DIAGNOSTICS

(51) International classification :go6f
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(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)SHIVKANTH. B
(72)**Name of Inventor :**
1)ASWIN. V
2)DEEPAK. S
3)SHIVKANTH. B

(57) Abstract :
The device disclosed herein is a hand held diagnostic tool that works on the basis of fuzzy logic and uses various sensors for parameters like temperature, pulse rate and heart beat. The prediction result of disease based on classic symptoms is depicted on the screen. The sensors and the display screen are embedded over the motherboard that processes the fuzzification result. Diagnosis of Diseases can be proven useful by tracking down its symptoms and fuzzification of the classic symptom levels. Compositional rules of inferences are applied to make conclusions about probability of occurrence of the disease. It leads to the chances of getting awareness about disease control before health complications.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012
(21) Application No.5270/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : VESSEL POLISHER

(51) International classification :B24B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)MAKWANA ASHOK BATUKLAL

(57) Abstract :
The present disclosure discloses a vessel polisher (10) comprises a vessel engaging head (14) removably fitted to a mounting bracket (12) which is mounted on a slide (20) so as to be reciprocally angularly displaceable about a revolving axis (R). The slide (20) enables linear displacement of the mounting bracket (12) on a cross rail arrangement (22) along two mutually perpendicular operational directions for appropriately positioning a vessel engaged with the vessel engaging head (14), against a polishing brush (16) for polishing operation. The vessel engaging head (14) is adapted to angularly displace the vessel about a vessel axis (V) perpendicular to the revolving axis (R).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014
(21) Application No.1752/CHE/2014 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL TECHNIQUE USING GS-I AND GS-II MEDIA FOR MASS MULTIPLICATION OF FUNGAL AND BACTERIAL BIOCONTROL AGENTS

(51) International classification :A01N 63/00
(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. K. SATYAGOPAL
2)DR. GIRISH ANANTRAO GUNJOTIKAR
3)DR. SATISH KUMAR SAIN

(57) Abstract :
Exemplary aspects of the present disclosure are directed towards a method of mass multiplication of fungal and bacterial biocontrol agents using a novel medium prepared from an extract of wheat grains.

No. of Pages : 9 No. of Claims : 10

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2971/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :24/09/2012
(43) Publication Date : 25/04/2014

(54) Title of the invention : TRIGGERING USER AUTHENTICATION IN COMMUNICATION NETWORKS

(51) International classification	:H04N	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)ALCATEL LUCENT**
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave Grard 75007 Paris France
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)T G Priya**
(87) International Publication No	: NA	**2)GHOSH Ranjan**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present subject matter discloses a method for triggering re-authentication of a communication device connected to a communication network. In one implementation a volume of data transferred between the communication device and the communication network is measured. Further the volume of data measured is compared with a re-authentication threshold value. Subsequently re-authentication of the communication device is triggered based on the comparison.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012
(21) Application No.3048/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : HAND PLIER FOR EMBOSSING SEAL

(51) International classification :B41J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WAN, KAM HUNG
(72)**Name of Inventor :**
1)WONG, KING SUN
2)WAN, KAM HUNG

(57) Abstract :
A hand plier for an embossing seal is provided, which ensures the accurate force exerting point, clear and uniform embossed seals and prolonged lifetime. The hand plier includes a base with an opening for receiving the embossing seal. A pressing handle is disposed at a top of the base. A front end of the pressing handle and a front end of the base are pivotably interconnected with a pivot. Guide grooves are formed at opposite sides of the front end of the base, which are perpendicular to a horizontal surface of the embossing seal. An embossing seal pressing wheel is disposed at the guide grooves. Two central pins formed on opposite sides of the embossing seal pressing wheel are slidably disposed in the guide grooves of the base. A bottom of the pressing handle is configured to depress the embossing seal pressing wheel downward. The hand plier can result in clear embossed seals. Even after a large number of uses, the pressing force of the pressing handle can still accurately act on the center point of the top of the embossing seal, thereby prolonging the lifetime of the embossing seal and the hand plier.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012
(21) Application No.3122/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : REFILL

(51) International classification :B25C
(31) Priority Document No :2011-226281
(32) Priority Date :13/10/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHINPEI SUGIHARA
2)FUTOSHI KAMEDA

(57) Abstract :
A staple-refill 11 is provided with: a casing 12 in which a connected staple 10 is accommodated; a staple discharge port 16; a first positioning projection 17d on a surface 12a of the casing 12 on which the staple discharge portion 16 is formed; and a second positioning projection 19 on a surface 12d of the casing 12 which is opposite to the surface 12a on which the staple discharge portion 16 is formed.

No. of Pages : 164 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012

(21) Application No.3123/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : REFILL

(51) International classification :B25C
(31) Priority Document No :2011-226280
(32) Priority Date :13/10/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHINPEI SUGIHARA
2)FUTOSHI KAMEDA

(57) Abstract :
A staple-refill 11 is provided with: a casing 12 in which a plurality of sheet-type connected staples 10 are stacked; a staple inserting port 14; a staple discharge port 16; a cover member 15 which covers the sheet-type connected staples 10 in the casing 12 from a side of the staple inserting port 14; and a notch portion 18 formed in the casing 12 and extending from an edge of the staple inserting port 14 in an insertion direction.

No. of Pages : 167 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012
(21) Application No.3124/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : REFILL

(51) International classification :B25C
(31) Priority Document No :2011-226285
(32) Priority Date :13/10/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHINPEI SUGIHARA
2)FUTOSHI KAMEDA

(57) Abstract :
A staple-refill 11 is provided with: a casing 12 in which a connected staple 10 is accommodated and which is to be mounted in a main-body of a stapling-machine 1; a staple discharge portion 16; and a pushed portion 29 which is provided on the casing 12 and to be pushed by a push portion 102 that pushes the casing 12 towards a staple guide portion 75 of a stapling-machine main-body.

No. of Pages : 165 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2988/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : CHLOROPEROXIDASE FROM MUSA PARADISIACA STEM JUICE

(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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2)PRATIBHA YADAVA
(72)**Name of Inventor :**
1)MEERA YADAVA
2)PRATIBHA YADAVA

(57) Abstract :
Chloroperoxidase from Musa paradisiaca stem juice has been purified to homogeneity using concentration by ultrafiltration and anion exchange chromatography on DEAE cellulose. The purified enzyme gave single protein band in SDS-PAGE analysis corresponding to molecular mass of 43 kDa. The native PAGE analysis result also has given single protein band confirming the purity of the enzyme. The purified enzyme chlorinated and brominated monochlorodimedone,the substrate used for measuring the halogenating activity of chloroperoxidases. The Km and kcat values using monochlorodimedone as the substrate were 20 µM and 1.64 s-1 respectively giving kcat/Km value of 8.2 X 104 M-1s-1.The pH and temperature optima of the chlorinating activity were 3.0 and 25°C respectively. The Km values for peroxidase activity using pyragallol and H2O2 as the variable substrates were 89 µM and 120 µM respectively. The pH and temperature optima of the peroxidase activity using pyrogalllol as the substrate were the same as the pH and temperature optima of the halogenating activity. The peroxidase activity of the enzyme is competitively inhibited by sodium azide indicating that it is a hemeperoxidase different from non-heme peroxidases. Key words: Chloroperoxidase, Plant peroxidase, Musa paradisiaca, Metalloenzyme.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012

(21) Application No.3131/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ACTUATING DEVICE FOR AN AUTOMATED DUAL CLUTCH TRANSMISSION OF A MOTOR VEHICLE AND METHOD FOR CONTROLLING AN ACTUATING DEVICE OF SAID TYPE

(51) International classification :F16H
(31) Priority Document No :102011054337.6
(32) Priority Date :10/10/2011
(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)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
Address of Applicant :Porscheplatz 1 70435 Stuttgart Germany
(72)**Name of Inventor :**
1)SIMON DYLLA

(57) Abstract :
The invention describes an actuating device for an automated dual clutch transmission of a motor vehicle drivetrain in a manual-shift mode, having a first and a second shift element (6), (8) which are arranged in the region of a steering column (4) and having a control device, wherein the dual clutch transmission has a first transmission clutch with an adjoining first component transmission and a second transmission clutch with an adjoining second component transmission, wherein the is first shift element (6) effects an upshift of the dual clutch transmission and the second shift element (8) effects a downshift of the dual clutch transmission, and wherein a simultaneous actuation of the shift elements (6), (8) effects idle operation of an engine with at least one open transmission clutch, wherein the idle operation is present only while the shift elements (6), (8) are actuated and, when at least one shift element (6), (8) is released, a torque can be transmitted by means of a closed transmission clutch, wherein the control device has means designed such that a rotational speed adaptation of the engine can be initiated as a function of an actuation of the shift elements (6), (8).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012
(21) Application No.3133/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHODS AND SYSTEM FOR OPERATING A POWER CONVERSION SYSTEM

(51) International classification :H02J
(31) Priority Document No :13/282,069
(32) Priority Date :26/10/2011
(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 :**
1)GENERAL ELECTRIC COMPANY
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(72)**Name of Inventor :**
1)WAGONER, ROBERT GREGORY
2)SMITH, DAVID
3)GALBRAITH, ANTHONY WILLIAM

(57) Abstract :
A power conversion system (14) for providing power to an electrical grid (22) is described. The system includes a power converter (16) coupled to a direct current (DC) power source (12). The system also includes a contactor (24) coupled to the power converter and the electrical grid and configured to selectively electrically couple the power converter to the electrical grid. The system also includes a system controller (18) communicatively coupled to the power converter and the contactor and configured to close the contactor to electrically couple the power converter to the electrical grid and to activate the power converter when a DC voltage provided has remained higher than a voltage level for a length of time. The system controller is also configured to deactivate the power converter, while the contactor is maintained in the closed position, when an alternating current (AC) power output has remained lower than a power level for a length of time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2977/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL AMBIENT STABLE DNA DIAGNOSTIC KIT FOR DETECTION OF MICROBIAL AND GENETIC DISEASES.

(51) International classification :C12N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)S S LAHIRI
2)A CHAKRABORTY

(57) Abstract :
The present invention relates to a ready to use ambient stable diagnostic kit with extended self life, containing dry powder primarily, with minimum aqueous stable components like the DNA probe. The kit has an added advantage of detecting microorganisms directly from clinical as well as biopsy or autopsy samples in situ, without requiring the time consuming and cumbersome strain or gene purifications. The DNA probe is generated and detected by Quantum dots or other visible colors. Being a simple and uniform procedure, the kit and the method can be used by Semi skilled workers like Technicians, dispensing the need for large and different infrastructure and expertise for identification of different infections, even under field conditions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2978/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL METHOD FOR PRODUCTION OF BIODIESEL FROM WASTE OIL

(51) International classification :C11C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)GARIMA AWASTHI

(57) Abstract :
The present invention relates to a novel method for the production of biodiesel from waste cooking oils using transesterification reaction. The transesterification reaction is carried out in the presence of a catalyst such as but limited to citric acid or acetic acid.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2979/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL COMPOSITION OF HERBAL FLOOR DISINFECTANT AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification :C11D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)CHARU GUPTA
2)DHAN PRAKASH

(57) Abstract :
The present invention discloses a novel formulation for herbal floor cleaner and the process for the preparation of the same which removes the stains and dirt, disinfects, deodorizes and kills mainly the pathogenic microorganisms. The herbal formulation removes greasy and tough stains on floors and tiles that keep away flies and insects. The herbal formulation essentially comprises extracts obtained by process from lemon peel (Citrus lemon), leaves and bark of Acacia nilotica (gum arabic tree, babul), roots and aerial parts ofSida cordifolia (Indian Ephedra, Bala), Tinospora cordifolia (Giloy), leaves and fruits of Terminalia chebula (Harad), bark of Cinnamomum cassia (Dalchini) and essential oils of Tea tree (Melaleuca alternifolia), Lemon grass (Cymbopogon citratus), and Lavender oil (Lavandula spied), and Chamomile oil (Matricaria recutita) for fragrance. This sanitizing agent is chlorine free, effective on all kind of floors, easy to use, acts as disinfectant and deodorizes with long lasting floral fragrance. The herbal disinfectant is non-toxic, ecofriendly and biodegradable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012

(21) Application No.3121/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : REFILL

(51) International classification :B25C
(31) Priority Document No :2011-226282
(32) Priority Date :13/10/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHINPEI SUGIHARA
2)FUTOSHI KAMEDA

(57) Abstract :
A staple-refill 11 is provided with: a casing 12 in which a plurality of sheet-type connected staples 10 are stacked and accommodated ; and a notch portion 18 which is formed on one side surface 12a of the casing 12. The notch portion 18 has a shape to enable a push lever 66 of a stapling machine 1 to pass in a detaching operation of the casing 12 from a main -body of the stapling machine 1.

No. of Pages : 165 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012
(21) Application No.3004/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : POLYMORPH OF 2-[3-CYANO-4-(2-METHYLPROPOXY)-4-METHYLTHIAZOLE-5-CARBOXLIC ACID

(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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(72)**Name of Inventor :**
1)SARBJOT SINGH SOKHI
2)ASOK NATH
3)NITIN TANDON
4)MOHAN PRASAD

(57) Abstract :
The present invention provides crystalline Form R of 2-[3-cyano-4-(2-methylpropoxy) phenyl]-4-methylthiazole-5-carboxylic acid, process for its preparation, pharmaceutical composition comprising it and its use for the chronic management of hyperuricemia in patients with gout.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.3080/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : INTEGRATED POWER SYSTEM CONTROL METHOD AND RELATED APPARATUS WITH ENERGY STORAGE ELEMENT

(51) International classification :H02J
(31) Priority Document No :13/548665
(32) Priority Date :13/07/2012
(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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2)WIEGMAN, HERMAN LUCAS NORBERT
3)WHISENHUNT, JR, DONALD WAYNE
4)BULL, ROGER NEIL
5)BUKKASAMUDRAM, KALYAN
6)BRADY, CONNOR
7)GOTOBED, MARK

(57) Abstract :
Systems and methods for controlling a hybrid power architecture (100) to provide fuel or energy savings. Recharge time of an energy storage device (ESD) (140) is reduced through the application of a controlled potential and ESD recharge time management over the life of the hybrid system (100) through manipulation of the ESD charge state window of operation (510). Fuel or energy savings is achieved by controlling the partial-state-of-charge (PSOC) window (510) of the ESD (140) based on a recharge resistance profile of the ESD (140) and by controlling a charging potential applied to the ESD (140) based on a recharge current and/or the estimated recharge resistance profile of the ESD (140).

No. of Pages : 40 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2012
(21) Application No.3117/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : VALVE TRAIN MECHANISM OF ENGINE

(51) International classification :F01L
(31) Priority Document No :2011-228139
(32) Priority Date :17/10/2011
(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)YAMADA SHINICHI
2)IDO MASATOSHI

(57) Abstract :
A valve train mechanism of an engine includes rocker arms for activating intake and exhaust valves provided for intake and exhaust openings formed to a combustion chamber of the engine, and a camshaft mounted with cams for pushing the rocker arms, respectively. Each of the cams is provided with a base circle portion and a nose portion forming an apex of the cam so as to provide at least one deformed portion curved outward or inward in a radial direction of the cam and the deformed portion is provided between the base circle and the apex of the nose portion.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2012
(21) Application No.3118/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : VEHICLE BODY FRAME STRUCTURE OF MOTORCYCLE

(51) International classification :B62K
(31) Priority Document No :2011-234257
(32) Priority Date :25/10/2011
(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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1)NISHIGUCHI MASAKI

(57) Abstract :
In a vehicle body frame structure of a motorcycle, a pivot pipe is fixed to a pair of pivot plates by penetrating therethrough, and. an engine support portion which supports a rear portion of the engine is provided above the pivot pipe. In the pair of pivot plates, in a side view of a vehicle body, a reinforcing plate is provided, the reinforcing plate having a perpendicular extension portion extending perpendicularly from a lower surface of the main frame to the pivot pipe behind the engine support portion and a forward extension portion extending from an upper end of the perpendicular extension portion, along the main frame, to a front end of each pivot plate. The perpendicular portion of the reinforcing plate is connected to at least one of the lower surface of the main frame, an upper outer peripheral surface of the pivot pipe and an inner surface of the pair of pivot plates, and the forward extension portion is connected to at least one of a side surface of the main frame and an inner surface of the pair of pivot plates.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012
(21) Application No.3040/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A PROCESS FOR UPGRADATION OF SPENT LUBRICATING OIL AND ITS DISTILLATE

(51) International classification :C10G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
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(72)**Name of Inventor :**
1)GARG AMDHUKAR ONKARNATH
2)MANOJ KUMAR
3)SRIVASTAVA MANOJ

(57) Abstract :
A process for preparation of high performance lube base oils from spent lubricating oil and its distillate, wherein spent lubricating oil and its distillate are subjected to liquid- liquid extraction (LLE) using a selective dual solvent having a distinct composition [N-methyl pyrrolidone (NMP) or furfural or N-methyl morpholine (NMM) or di-methyl formamide (DMF) or dimethylsulfoxide (DMSO) or mixtures thereof containing some percentage of co-solvent such as water or ethylene glycol etc to adjust the selectivity and solvent power] to remove components responsible for poor quality of spent lubricating oil and its distillate, carbon soot particles and instability of color and the raffinate phase after solvent recovery by water washing is subsequently subjected to distillation under vacuum to obtain re-refined lubricating oils of different viscosity grades having better quality in terms of viscosity index (VI), color and other properties and to produce group - I, group - ii, group - III re-refined lubricating base soils (RLBO) and the extract phase which can be used after recovery of solvent as a material for producing carbon rich products such as paving grade bitumen.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012
(21) Application No.3041/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF SPECIAL GLASS BEADS FOR VITRIFICATION OF NUCLEAR WASTE

(51) International classification :C03B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(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)SEN RANJAN
2)MANDAL SITENDU
3)ROY CHOWDHURY ALOK
4)SONAVANE MAHESH KUMAR SHANKAR RAO
5)CHAUDHRURI PRASANTA

(57) Abstract :
A process for the preparation of borosilicate glass frits and nodules for vitrification of nuclear waste is described. The beads are in the size range of 2-4 mm diameter and fulfil stringent physical and mechanical properties in terms of chemical, thermal, mechanical and radiation stability. All these make the material suitable for immobilization of radioactive elements and compounds in a glass matrix.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2012
(21) Application No.3115/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A THRESHING DEVICE

(51) International classification :A01F
(31) Priority Document No :2011-258487
(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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2)Michio Ishikawa
3)Masami Osaki
4)Naofumi Akiyama
5)Kazunari Tanoue
6)Misa Tachibana
7)Yoshimasa Matsuda

(57) Abstract :
The problems are solved by a threshing cylinder (11) that includes a front-side support (13) for mounting the front end of a cylinder (61) to the front part of a threshing-cylinder axis (12) a rear-side support (15) for mounting the rear end of the cylinder (61) to the rear part of the threshing-cylinder axis (12) and a middle-part support (14) for mounting the middle part in the front-back direction of the cylinder (61) to the threshing-cylinder axis (12); and the middle-part support (14) that is disposed in front of the front-back direction center of the cylinder (61).

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2983/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : INDUCTIVE ENERGY OPTIMIZED VACUUM SOLENOID VALVE

(51) International classification :F02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BHANDARI, KABIR
2)KUMAR, AMARDIP
3)KUMAR, ABHISHEK
4)GOSWAMI, RAVI

(57) Abstract :
The present invention provides a vacuum solenoid valve which minimizes the switch off or inductive energy to such an extent so that it prevents sudden damage of an electric control unit in a motor vehicle from increased inductive load. Inductive energy optimized vacuum solenoid valve is able to respond to the ON/OFF signal from the ECU at very low inductive load of 17.4mJ at 26V, RT and 24.7mJ at 26V, -400C. This optimized inductive load is almost insufficient to damage the ECU or other electrical components on sudden increase or decrease in temperature in a motor vehicle parts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2984/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : VEHICLE MOUNTED AUTOMATIC CONROLLED MOBILE BRIDGE INSPECTION DEVICE

(51) International classification :B66F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)RAKESH KUMAR CHAK
3)VINOD R DAHAKE
4)ASHWANI KUMAR
5)RAM KUMAR
6)LAKSHMY PARMESWARAN
7)SUBHAMAY GANGOPADHYAY
8)GAUTAM BISWAS
9)JAGROOP SINGH
10)PRABHU DUTT

(57) Abstract :
This vehicle mounted automatic controlled mobile bridge inspection device is a vital tool for maintenance and management of bridge stocks and similar elevated structures, for the up keep of the road transportation network as part of a Bridge Management System and can also be used during rescue operation during needs of disaster mitigation.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2985/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FUEL CELL SYSTEM EQUIPPED WITH OXYGEN ENRICHMENT SYSTEM USING MAGNET

(51) International classification :B01D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAVERIPATNAM SAMBAN DHATHATHREYAN
2)NATARAJAN RAJALAKSHMI
3)BETHAPUDI VISWANATH SASANK

(57) Abstract :
This invention relates to a fuel cell system equipped with oxygen enrichment system using magnet. It comprises of, one or more fuel cell (1); an air blower (2) which feeds a supply of air through an air inlet channel (4) as an oxygen source to an an air- flow assembly (3). It is having plurality of magnets (10) to form a magnetic air-flow assembly (11) to generate a gradient magnetic field in a space between magnetic poles which functions as a high oxygen-concentration air production unit by expelling the air depleted with oxygen through an air vent (6) which generates high oxygenconcentration gas and is fed through outlet (7) attached to the cathode side of fuel cell. At the same time the hydrogen / hydrogen containing hydrocarbon is supplied to the anode side of the fuel cell through the gaseous fuel inlet (9) to generate electricity by an electrochemical reaction of hydrogen and oxygen.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012
(21) Application No.3026/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ELECTRICAL CONNECTOR

(51) International classification :H02J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)FENNY YANG

(57) Abstract :
An electrical connector for inserting onto a circuit board includes a case and a plurality of ground units and transmission units alternately arranged in the case side by side. The transmission units respectively include a plurality of transmission members; and the ground units are capable of guiding heat energy produced by the electrical connector to the circuit board for dissipation. At least one coupling unit is coupled to the ground units and in contact with the circuit board so that the heat energy can be more efficiently transferred from the ground units to the circuit board via the coupling unit to achieve upgraded heat dissipation effect. The ground units and the coupling unit also provide the function of preventing electromagnetic interference and crosstalk so that the electrical connector can have increased signal transmission rate. With the above arrangements the electrical connector has simplified structure and is easy to assemble.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012
(21) Application No.3027/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MULTIPLE CRITERIA DECISION ANALYSIS

(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)Avani NANDINI

(57) Abstract :
Embodiments of the present disclosure set forth methods for selecting a preferred data set. The methods include generating a joined relation based on a first relation having a first join attribute and a first existence probability attribute and a second relation having a second join attribute compatible with the first join attribute and a second existence probability attribute wherein the joined relation comprises a skyline probability attribute based at least in part on the product of a second value of the first existence probability attribute and a third value of the second existence probability attribute; and selecting by one or more processors the preferred data set from the joined relation based on a comparison of the first value of the skyline probability attribute and a predetermined threshold.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2012
(21) Application No.3099/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : INTERNAL COMBUSTION ENGINE AND VALVE DRIVE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F01B
(31) Priority Document No :10 2011 054 218.3
(32) Priority Date :06/10/2011
(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)VOGELEZANG, GUNTER

(57) Abstract :
An internal combustion engine having a plurality of cylinders, wherein for the actuation of gas exchange valves of a plurality of cylinders of a cylinder group, at least one rotatably mounted camshaft is provided on which, for each cylinder, a sliding cam is arranged in an axially displaceable manner, wherein, to effect an axial displacement of the sliding cams (2a, 2b, 2c) mounted in an axially displaceable manner on the respective camshaft (1), a common actuator (7) is provided for the sliding cams (2a, 2b, 2c).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.3083/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AUTOMATIC SOLAR TRACKING ADJUSTMENT/CONTROL APPARATUS OF SOLAR GENERATION SYSTEM

(51) International classification :F24J
(31) Priority Document No :101114440
(32) Priority Date :23/04/2012
(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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(72)**Name of Inventor :**
1)LUO, CHIA-CHING

(57) Abstract :
An automatic solar tracking adjustment/control apparatus of solar generation system includes a support assembly, a two-dimensionally movable pivotal rotational assembly disposed on the support assembly, a solar generation module disposed on the support assembly via the pivotal rotational assembly for converting solar energy into electrical energy and at least one drive assembly disposed between the support assembly and the solar generation module. The drive assembly drives the solar generation module to tilt in different directions and angles according to reference parameters previously stored in a control unit. A detection/correction module is disposed on the solar generation module for detecting actual parameters including tilting direction and inclination angle of the solar generation module. The control unit compares the actual parameters with the reference parameters to modify the output of the drive assembly so as to adjust the tilting direction and inclination angle of the solar generation module.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012
(21) Application No.3030/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : Method and system for determining QRS complexes in electrocardiogram signals

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)M. Sabarimalai Manikandan
2)Saurabh Tyagi

(57) Abstract :
The invention provides a method for automatically determining time instants of peaks in a signal. The method includes determining a zero-mean data sequence of the signal and filtering the zero-mean data sequence of the signal. Further the method includes determining entropy of the filtered data sequence of the signal and determining the time instants of the peaks in the entropy data sequence of the signal.

No. of Pages : 50 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012
(21) Application No.3032/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SUBSCRIPTION ACCOUNT MANAGEMENT

(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)GUPTA Varun

(57) Abstract :
Systems and methods for management of subscription account are described. According to the present subject matter the system(s) implement the described method(s) for management of subscription account. The method includes receiving an account retrieval request message for obtaining at least one subscription account detail during an on-going active service session over a communication network; retrieving the at least one subscription account detail based on the request message during the on-going active service session; and sending an account retrieval response message including the at least one subscription account detail. The at least one subscription account detail includes one of an account balance and at least one service units balance. The response message is sent during the on-going active service session at a predefined time interval based on the account retrieval request message

No. of Pages : 88 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2012

(21) Application No.3106/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AXLE SUSPENSION SYSTEM

(51) International classification :B60G
(31) Priority Document No :13/327,910
(32) Priority Date :16/12/2011
(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

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2)MICHAEL ANDREW POWER
3)MICHAEL DAVID LYNCH

(57) Abstract :
An axle suspension system for a vehicle. The axle suspension system may include an axle having an exterior surface and an axle wrap. The axle wrap may include a wrap portion, a cam bracket, and an actuator bracket. The wrap portion may engage the exterior surface. The earn bracket and actuator bracket may be spaced apart and may extend from the wrap portion.

No. of Pages : 16 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2012
(21) Application No.3107/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SHAFT SUPPORT ASSEMBLY

(51) International classification :F16C
(31) Priority Document No :13/272266
(32) Priority Date :13/10/2011
(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)DUMITRU FLORIN PATRASCU
3)CHRISTOPHER STEELE
4)BRADLEY STARK

(57) Abstract :
A shaft support assembly that may include a mounting bracket, a dampener, a bearing retainer, a bearing, and a deflector. The deflector may be spaced apart from the dampener and may include a seal that engages the bearing retainer to inhibit contamination of the bearing.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012
(21) Application No.2967/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : UNIVERSAL PRESSER FOOT OF SEWING MACHINE

(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)LIN, PEI-CHIA

(57) Abstract :
A universal presser foot of a sewing machine (1, 1) includes a presser foot arm (10), a presser foot plate (20) and a front presser foot section (30). The presser foot plate (20) is coupled to an end of the presser foot arm (10) and has a rear presser foot section (21) and a front plate (22) extended along the rear presser foot section (21) towards the front; the front presser foot section (30) is coupled to the front plate (22) and disposed at the front of the rear tk, presser foot section (21), and a fabric input slot (A) is formed between the front presser foot section (30) and the front plate (22), so that the universal presser foot of the sewing machine (1, 1) can meet the requirement of two different types of sewing including flat sewing and fold sewing respectively.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012
(21) Application No.3038/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : HERBAL COUGH CANDY AND PROCESS FOR THE PREPARATION OF THE SAME

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

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2)DHAN PRAKASH

(57) Abstract :
The present invention relates to a novel composition and process for the preparation of herbal medicated cough candy fortified with natural herbal extract The medicated candy is designed to be dissolved slowly in the mouth for sustained release of the medicated herbs and for relief from coughs and lubricate irritated tissues of the throat. The composition essentially comprises grapes (Vitis vinifera), harad (Terminalia chebula), Pippali (Piper longum), walnut (Juglans regia), mulethi (Glycyrrhiza glabra), dalchini (Cinnamomum zeylanicum), Tea tree oil {Melaleuca leucodendron), Eucalyptus oil, honey (Mel despumatum) and optionally flavored with any desired flavour selected from a group of peppermint oil (Mentha piperita) and ginger oil (Zingiber officinale) with sugar and liquid glucose as a nutritional base. The final product is astringent, has antibacterial properties and gives a soothing sensation in the throat and mouth. The end product can be used in the form of toffees, candies, syrups and lozenges useful for the treatment of minor throat infections and laryngitis.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012
(21) Application No.3039/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A CATALYTIC PROCESS TO CONVERT RENEWABLE FEEDSTOCK INTO AROMOATICS RICH AVIATION FUEL

(51) International classification :C10G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(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)KUMAR RAKESH
5)JOSHI RAKESH KUMAR
6)KUMAR ROHIT
7)RANA BHARAT SINGH
8)VERMA DEEPAK

(57) Abstract :
The present invention discloses a catalytic process to convert renewable feedstock into aromatics rich aviation fuel. Particularly, the invention falls within the process field of hydroconversion. The hydroprocessing of vegetable triglycerides and free fatty acids using a catalytic process to produce parafins, iso-parafins, cyclo-paraffins and aromatics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012
(21) Application No.3016/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NEW ARRANGEMENT FOR RAILS & INTERLOCKING SYSTEM FOR SHIFTER RAILS FO TRACTOR GEAR BOX

(51) International classification :B62C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)SAYYED SUHEAL AHMED
2)AMARJIT SINGH

(57) Abstract :
This invention relates to a novel shifter rail arrangement and interlocking system for tractor gear box comprising of a combination of a plurality of shifter rails positioned horizontally and angularly and connected to each other by means of interlocking pins. It is associated with the following advantageous features: - - Compact design, hence less space required, - Less connector height, hence less gap between connectors. It reduces the chances of lever coming out of connectors, - Easy to assemble, - Easy to manufacture connectors and - Positive interlocking in case of more no. of speeds.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012
(21) Application No.3137/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHOD FOR DETERMINING VALID TOUCH SCREEN INPUTS

(51) International classification :B64D
(31) Priority Document No :13/279417
(32) Priority Date :24/10/2011
(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 :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.
(72)**Name of Inventor :**
1)KOLBE, DASHIELL MATTHEWS

(57) Abstract :
A method of operating an aircraft (10), which has a cockpit (12) with a flight deck (18) having at least one touch screen display (24) includes sensing an object touching on the at least one touch screen display (24) to define an input touch and determining whether the input touch on the at least one touch screen display (24) is invalid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012
(21) Application No.3012/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHODS AND SYSTEM FOR STORING OILS

(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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(72)**Name of Inventor :**
1)SATISH GUPTA

(57) Abstract :
The present invention relates to a fire resistant storage room, in particular to a fire resistant storage room for storage of lubricating oil, grease and the like. In accordance with the invention, is provided a fire resistant storage room for the storage of lubricating oil, grease and the like, comprising: a fire resistant enclosure defined by a floor, ceiling and a plurality of walls and door(s) made from fire resistant materials; a smoke detecting means; a heat detecting means; and, a fire extinguishing means.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012
(21) Application No.3014/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHODS AND SYSTEM FOR STORAGE OF BATTERIES

(51) International classification :H01M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SATISH GUPTA

(57) Abstract :
The present invention relates to storage enclosure for storage of batteries, particularly to a fire resistant storage enclosure for storage of batteries. In accordance with the invention, is provided a storage enclosure for storing batteries, having fire resistant characteristics, comprising: an enclosure defined by a fire resistant flat ceiling, a floor, and a plurality of walls; gas detecting means; heat and smoke detecting means; fire extinguishing means; and ventilation means.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.3085/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : COATING FLUID FOR BORON DIFFUSION

(51) International classification :C09D
(31) Priority Document No :2011-220051
(32) Priority Date :04/10/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Shintarou TSUKIGATA
2)Toshifumi MATSUOKA
3)Takenori WATABE
4)Hiroyuki OTSUKA

(57) Abstract :
A coating fluid comprising a boron compound an organic binder a silicon compound an alumina precursor and water and/or an organic solvent is used to diffuse boron into a silicon substrate to form a p-type diffusion layer. The coating fluid is spin coated onto the substrate to form a uniform coating having a sufficient amount of impurity whereupon a p-type diffusion layer having in-plane uniformity is formed.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.3086/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : EXTERNAL CONTROL STAND FOR A CONSTRUCTION MACHINE

(51) International classification :H05K
(31) Priority Document No :11008029.8
(32) Priority Date :04/10/2011
(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)Achim EUL
2)Horst RAMB

(57) Abstract :
The invention relates to an external control stand (5) for a self-propelled machine (1). The construction machine (1) has a working component (4) that can be operated from the external control stand. The invention is distinguished by the fact that a lighting device (11) for illuminating a ground section is provided on the external control stand (5) as seen in the direction of travel in front of behind and / or below the external control stand (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012
(21) Application No.3023/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A LIGHT SOURCE.

(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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1)NITIN TYAGI

(57) Abstract :
The present invention relates to an apparatus for controlling a light source, wherein the apparatus comprises a light source (80) for producing light, a sensor unit (45) configured to detect the presence of an object (135) and provide an output signal indicating the presence of the object (135), a processing unit (20) configured to - receive the output signal and store a value of the output signal provided during initial start up, compare a current value of the current output signal with the stored value of the output signal, and generate a control signal responsive to the comparison, wherein the light source (80) is controllable responsive to the control signal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.3074/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ELECTRIC SWITCH

(51) International classification :H02J
(31) Priority Document No :10 2011 086 307.9
(32) Priority Date :14/11/2011
(33) Name of priority country :Denmark
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)KALOUS LUKAS
2)MRTVY PAVEL
3)PETRACEK MILOS
4)VAVRA DANIEL

(57) Abstract :
The invention relates to an electric switch (100), particularly an electric circuit-breaker, having a rotor housing (20) that can be turned to an ON and an OFF position and at least one electric contact arm (50, 51) that is mounted rotatably in the rotor housing (20) and can be swiveled jointly with as well as relatively to it. What is inventively provided is a display element (140) that is coupled indirectly or directly to the rotor housing (20) and which in one display position indicates the ON position of the rotor housing (20) and in another display position indicates the OFF position of the rotor housing (20).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2012
(21) Application No.155/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SYSTEM AND METHOD FOR INTERACTIVE HEADPHONE COUPLED WITH A HANDHELD DEVICE

(51) International classification :G11B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition 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 KUMAR TIWARI

(57) Abstract :
The various embodiments of the present invention comprise a system and method to provide a headphone device coupled with a handheld device. Furthermore, a central server is connected with the handheld device through a radio based station. The headphone device provides an audible medium which is used for listening of songs, listening conversations and respond back, taking images, recording videos, scanning objects, transmit/receive data to/from the handheld and project the data processed over any opaque and translucent surface. The headphone device is coupled with a handheld device through a wireless medium. The handheld device is mobile device which facilitates data processing, transmitting/receiving the data to/from audio base station and transmitting/receiving to/from the headphone device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.2980/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL FREE RADICAL SCAVENGING HERBAL HEALTH PROTECTIVE FORMULATION FROM REACTIVE OXYGEN SPECIES AND ASSOCIATED DISORDERS.

(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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(72)**Name of Inventor :**
1)DHAN PRAKASH
2)CHARU GUPTA

(57) Abstract :
The present invention relates to a polyphenol enriched novel free radical scavenging herbal health protective formulation with synergistically enhanced antioxidant activity suitable for use as djuvant therapy in the prevention of oxidative stress and associated disorders and a process for the preparation thereof. The polyphenol enriched product is of significant importance for use as nutraceuticals, functional foods, designer or medical foods to provide protection against oxidative stress including protection from reactive oxygen species.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012
(21) Application No.3036/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NATURAL DYE EXTRACTED FROM PSEUDOMONAS FLUORESCENS HAVING ANTI-BACTERIAL ACTIVITY

(51) International classification :C12R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)UMA SHANKAR SINGH
2)ANUPAMA MISHRA
3)SHANAZ JAHAN
4)NAJAM WARIS-ZAIDI

(57) Abstract :
The invention relates to process for extraction of natural dyes from two strains (Pf-24 and Pf-27) of pseudomonas fluorescences, used for dyeing of cotton, wool and silk yarn, having anti-bacterial properties, comprising the steps of (a) cultivation of strain Pf-24 in modified King B (MKB) agar, pH 7.0, incubation at 250C for 48-72 hours thereby producing plum red colonies followed by its scrapping, air drying and resuspension in water whereas; (b) in case of strain Pf-27, cultivation of strain Pf-27 in modified King B (MKB) broth, pH 7.0, incubation at 250C for 120 hours thereby producing blue red color in medium followed by its centrifugation at 10,000 rpm for 20 mm, concentrating the supernatant, drying and resuspension in water; and (c) keeping the pH of solution so obtained in step (a) or step (b) at 5.0 for dyeing silk and wool and 8.0 for dyeing cotton.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2012
(21) Application No.3108/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : CIRCUITS AND METHODS FOR DRIVING LIGHT SOURCES

(51) International classification :H05B
(31) Priority Document No :13/559,451
(32) Priority Date :26/07/2012
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHING-CHUAN KUO
2)YUNG LIN LIN

(57) Abstract :
A dimming controller can operate in a first mode or a second mode to control dimming of a light-emitting diode (LED) light source. The dimming controller can include a voltage control terminal and a current control terminal. The voltage control terminal provides a pulse signal when the dimming controller operates in the first mode to operate a control switch in either a first state or a second state. A first current flowing through the LED light source increases when the control switch is in the first state and decreases when the control switch is in the second state. The voltage control terminal provides a control signal to the control switch to cut off the first current when the dimming controller operates in the second mode. The current control terminal conducts a second current through the LED light source when the dimming controller operates in the second mode.

No. of Pages : 93 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012
(21) Application No.3068/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : DENTAL IRRIGATION PROBE

(51) International classification :A61C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Ministry of Defence Govt. of India Room No. 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi India
(72)**Name of Inventor :**
1)Mukherjee Lt. Col Manish
2)Jain Mr. N.K.

(57) Abstract :
Described herein is an irrigation probe (100 300 500) for treatment of diseases. The irrigation probe (100 300 500) includes a locking means (104 304 504) and longitudinal tube (102 302 502) coupled to the locking means (104 304 504). The longitudinal tube (102 302 502) includes an open proximal connection end (106 306 506) proximal with respect to the locking means (104 304 504) a closed distal end (108 308 508) distant with respect to the locking means (104 304. 504) and at least one irrigation port (110 310 510) located at a lateral-side wall of the longitudinal tube (102 302 502) and in one-eighth section of entire length of the longitudinal tube (102 302 502) in proximity to the closed distal end (108 308 508).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012
(21) Application No.3135/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FILTER CLAMPING SYSTEM

(51) International classification :B01D
(31) Priority Document No :13/280484
(32) Priority Date :25/10/2011
(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)MANN, RICHARD MICHAEL ASHLEY
2)KULKARNI, ABHIJEET MADHUKAR
3)MCGUIGAN, PETER THOMAS

(57) Abstract :
A spring loaded filter clamping frame includes a rear frame section which defines an interior space to secure a filter element. The rear frame section includes a projection extending toward the interior space and a rear latch mechanism. A front frame section defines an interior space and is slidably engaged with the rear frame section. An aperture in the front frame section interacts with the projection. A front latch mechanism with a latch mechanism biasing member interacts with the rear latch mechanism. A frame biasing member is located between the rear frame section and the front frame section. The frame biasing member applies a force urging the rear frame section and the front frame section apart, resulting in a filter clamping frame. In further examples, the frame biasing member is a coil spring and the latch mechanisms are hooks.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012
(21) Application No.3136/DEL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FLOW CELL FOR A FLOW METER

(51) International classification :G01F
(31) Priority Document No :13/279895
(32) Priority Date :24/10/2011
(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)MCDONALD, BENJAMIN EDWARD
2)BARSUKOV, MYKHAYLO

(57) Abstract :
A flow cell that includes a sensor body with internal cable channels for routing 5 cables from the sensor ports to communicate with a flow meter is disclosed.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2011
(21) Application No.2347/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : TILT RESPONSIVE SHUT-OFF PORT FOR FUEL TANK

(51) International classification	:B64D 37/26
(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	:N/A
(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)YOGESH ARUN FARTADE
2)ANSHUL MISHRA

(57) Abstract :
The present invention provides a mechanism for restricting fuel flow from an auxiliary chamber disposed in the fuel tank back to the fuel tank of an automotive vehicle when standing or running on the slant surface. The mechanism includes an auxiliary chamber characterized by a horizontal base plate, a vertical cylindrical wall extending from the horizontal base plate, a communication port extending from inside of the auxiliary chamber to the exterior thereof allowing fuel to flow between the fuel tank and the auxiliary chamber, a flexible member attached to the vertical cylindrical wall for closing the communication port on tilting of the automobile, at least one rubber bolt for securing the flexible member to the vertical cylindrical wall, and a taper step like structure configured along with the rubber bolt for holding the flexible member securely to the vertical cylindrical wall,

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2012
(21) Application No.2995/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A PROCESS FOR MANUFACTURING STERILE BRINZOLAMIDE OPHTHALMIC SUSPENSION.

(51) International classification	:A61K9/00, A61K31/542, A61L2/00
(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)DR. INAMDAR, KAVITA
4)RAMESH, SAPNA
5)BAGDE, PRADNYA

(57) Abstract :
The present invention relates to a process for manufacturing sterile Brinzolamide Ophthalmic Suspension. Specifically, the present invention relates to a process for manufacturing sterile ophthalmic suspension comprising Brinzolamide sterilized by Dry Heat Sterilization and pharmaceutical suspension obtained by using the said sterilized Brinzolamide. The present invention also relates to a process of manufacturing sterile ophthalmic suspension comprising combination of Brinzolamide sterilized by Dry Heat Sterilization and beta blocker.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2012

(21) Application No.2998/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FRONT WHEEL STEERING BY LEG CONTROL MECHANISM

(51) International classification	:B63C13/00, B60F3/00
(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)SANDEEP SADASHIV SATPUTE
4)KANHAIYA PANDURANG POWAR
5)MISS. SHITAL MAHADEO KALIKATE
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2)MAHENDRA DILIP SAMANT
3)SANDEEP SADASHIV SATPUTE
4)KANHAIYA PANDURANG POWAR
5)MISS. SHITAL MAHADEO KALIKATE

(57) Abstract :
Front wheel steering by leg control mechanism comprises the three or four links and three or four joints which is been connected to front wheel of two wheeler to control the vehicle steering system. Toe and ankle mechanism, the drop arm, Drag link, wheel rod and wheel drop arm are the parts of the said mechanism. The drop arm is connected to Drag link which is then further connected to the wheel drop arm. Once we press the toe, the attached drop arm gets back which makes the Drag link to get back. Along with Drag link the wheel drop arm also moves back which makes the wheel to turn at left side. The wheel rod is connected to wheel drop arm which makes the wheel to turn left. The wheel rod is supporting body of wheel itself. The whole mechanism is placed and fitted between toe position and wheel area. Toe and ankle mechanism and drop arm makes joint one. Drop arm and Drag link makes joint two. Drag link and wheel drop arm makes joint three. Wheel drop arm and Wheel rod makes the joint four. Hence it is four joint mechanisms make the wheel to turn left and right. Current scenario for steering front wheel requires various mechanisms which can be control by legs. At present it is quite difficult to turn vehicle without hand. To overcome these drawbacks this device is designed. This device is designed as per the requirement of the current scenario to turn vehicle without hand.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2011
(21) Application No.1758/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING LECITHIN AND PROCESS FOR PREPARING THEREOF

(51) International classification	:A61K31/55, A61K9/28
(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	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)GANESH NARAYAN PHADTARE
3)MANISH GROVER
4)SHRIPAD JATHAR

(57) Abstract :
The present invention relates to a pharmaceutical composition comprising lecithin and process for preparing thereof. The present invention particularly relates a pharmaceutical composition in the form of a liquid dosage form comprising lecithin and one or more pharmaceutically acceptable excipients wherein the lecithin is used as a hepato-protective agent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2011
(21) Application No.1759/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING A COMBINATION OF EPERISONE AND DICLOFENAC AND PROCESS FOR PREPARING THEREOF

(51) International classification :A61K31/185,
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition 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)VIDYA MANE
2)PRASAD PATIL
3)MANISH GROVER

(57) Abstract :
The present invention relates to a pharmaceutical composition comprising a combination of eperisone or its pharmaceutically acceptable salts and diclofenac or its pharmaceutically acceptable salts and process for preparing thereof.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2011
(21) Application No.192/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METAL COMPLEXES FOR ENHANCING THE OXYGEN SCAVENGING ACTION OF HYDRAZINE

(51) International classification :C23F11/08
(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 :**
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2)SIFALI SANTOSH BANDODKAR

(57) Abstract :
The present disclosure relates to a polymer comprising Cobalt complex optionally along with stabilizing additive, wherein the complex optionally consists of oxygen scavenging agent. The present invention also relates to methods of preparing Cobalt complex and Polymer comprising Cobalt complex optionally along with stabilizing additive, wherein the complex optionally consists oxygen scavenging agent. Additionally, the present disclosure relates to a method of scavenging Oxygen and an apparatus for carrying out the same. The Cobalt complex catalysts have increased oxygen scavenging action of the oxygen scavenging agents. Further, the Complexes are cost effective and environment friendly in nature. The catalysts embedded in polymer PVA/PVC indicated added advantage as the catalysts could be easily removed and reused.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2011
(21) Application No.2775/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SECURITY VULNERABILITY CORRECTION

(51) International classification	:G06F 11/30
(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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1)Laverdi¨re-Papineau Marc-Andr

(57) Abstract :
Systems and methods for addressing security vulnerability in a program code are described. The method comprises detecting a security vulnerability. The method further comprises identifying a set of security solutions specified within a specification repository, wherein each security solution is associated with the detected security vulnerability. The method further comprises presenting the set of security solutions to a user for selection. The method further comprises transforming a program code portion associated with the detected security vulnerability in conformance with a security solution selected by the user from the set of security solutions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.3071/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF DICLOFENAC OR SALTS THEREOF

(51) International classification	:A61K9/107, A61K31/196
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(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)Syed Moinuddin
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3)Dabre Rahul Sudhakar
4)Jain Girish Kumar

(57) Abstract :
The present invention relates to an improved pharmaceutical compositions of diclofenac or pharmaceutically acceptable salt and pharmaceutically acceptable excipients wherein the composition is substantially free of solubilizing agents. By judicially using pharmaceutical excipients other than solubilizing agent pharmaceutical composition of diclofenac or its salts with rapid and uniform gastrointestinal absorption of diclofenac can be achieved. The composition of the invention can also minimize the controllable side effects of diclofenac.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.3062/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : DEPOSIT FORMING WIRE FIN AND TUBE HEAT EXCHANGER

(51) International classification	:F16L11/16, B23P15/26
(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)RANE MILIND VISHWANATH
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(57) Abstract :
Deposit forming wire fin and tube heat exchanger. The heat exchanger (la) comprises a heat exchange tube (3) and at least one wire fin (2) comprising a plurality of helically formed turns of wire (2a) disposed over the heat exchange tube along the length thereof. The heat exchange tube is made of a material having high thermal conductivity and the wire fin is made of a springy material having high thermal conductivity. The exchange tube is at an angle of 0 to 30° with respect to the horizontal and a portion of each of the turns of the fin is freely supported on a portion of the heat exchange tube in thermal contact therewith. The heat exchanger has high heat transfer efficiency and can be used continuously for a long period. It is simple to manufacture, cost effective, reliable and flexible and versatile in use

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.3063/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : COMMON AMPLIFICATION MECHANISM FOR UNDER-VOLTAGE RELEASE & SHUNT RELEASE

(51) International classification	:H02H3/24, H02H3/00
(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)SUBRAMANIAM, MOHANAPRIYA
3)BALAKRISHNAN, BINOJ

(57) Abstract :
The present invention relates to a Common Amplification mechanism for Under-Voltage Release & Shunt Release. The mechanism comprises a side plate(2) ; plurality of pins (3,5,8) mounted on the side plate(2); a actuator means (4) mounted on the actuator pin (3) and the actuators other end carries latch pin (5); a main spring(7) connected between the spring pin (8) and actuator (4) to rotate actuator in anticlockwise direction; an a latch (6) mounted on the spring pin and its rotation is controlled by a bias spring such that the latches profile is changed to enable interchangeability between under voltage(UV) release and shut release.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.3064/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ASSESSING OUTSOURCING ENGAGEMENTS

(51) International classification	:G06Q10/00, G06Q40/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MEHTA Sanjit

(57) Abstract :
Systems and methods for assessing performance of an outsourcing engagement are described. According to the present subject matter, the system(s) implement the described method(s) for assessing the outsourcing engagement. The method includes identifying at least one Critical Success Factor (CSF) associated with the outsourcing engagement between a vendor and a client based on conducive conditions of outsourcing. The method further includes determining at least one of a plurality of parameters and a plurality of sub parameters associated with the identified at least one CSF, wherein the plurality of parameters and the plurality of sub parameters are inter dependent and effect performance of the at least one CSF. Further, the method includes assessing a value of performance for at least one parameter and at least one sub parameter from amongst the plurality of parameters and the plurality of sub parameters respectively, based on a system dynamics model.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012

(21) Application No.3065/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NOVEL ADDITIVE FOR BOILING ENHANCEMENT

(51) International classification	:C09D7/00, C11D 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

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(72)**Name of Inventor :**
1)ACHARYA ANIL RAMCHANDRA
2)PISE ASHOK TUKARAM

(57) Abstract :
The present invention relates to a novel surfactant composition for enhanced heat transfer rate in pool boiling process. More particularly, the present invention relates to a novel surfactant Ammonium Chloride (NH4CI) for enhanced heat transfer rate in pool boiling process utilizing aqueous surfactant solutions. These types of solutions occur in many applications. Especially in distillation process if this novel composition of surfactant is used, the heat transfer rate enhances ultimately reducing the time and energy required to complete the process. Saving in time and energy is having impact on productivity and profit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/01/2012
(21) Application No.101/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : HERBAL DIETARY FORMULATION AND METHODS OF PREPARATION THEREOF

(51) International classification :A23G3/00
(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 :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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14)MADHAVAN, VIJAYAKUMAR
15)NAUTIYAL, CHANDRA SHEKHAR

(57) Abstract :
The present invention in a preferred embodiment provides herbal dietary formulation such as but not limited to biscuits, cookies, pastries, treacle, confectioneries, condiments, jellies, jams, beverages, soups, broths, comprising of a combination of herbs including, at least a part of Leucas aspera, a part of Amaranthus cauditus, a part of Moringa oleifera, and a part of Piper longum, to which parts of one or more additional complimentary herb may be optionally added. The invention also provides for methods of preparation of the herbal dietary formulation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2011
(21) Application No.1796/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : WOOL DYES WITH MOTH PROOFING PROPERTIES

(51) International classification	:C09B 61/00
(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	:N/A
(61) Patent of Addition 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)MR.GIRISH DATTATRAYA KHERDEKAR

(57) Abstract :
Wool being a protein fibre is susceptible to moth attack causing heavy damages to end user. Presently, moth proofing is carried out as a separate treatment during finishing of woollen textiles using costly, imported chemicals. This also causes a heavy toxic load on the effluent disposal systems affecting ecology. Present invention describes synthesis of new molecules through coupling the toxic component with the colouring component to have inbuilt moth proofing properties for application on exhaust basis. Using the synthesized dyes deficiency of wool as regards to moth attack is removed with dyeing simultaneously, the difficulty of effluent disposal would also be taken care of as the dyes would be mostly exhausted leaving only traces in the residual dye liquor. Combining moth proofing with dyeing also results in reducing process time by one bath application, saving cost and energy. This would also result in cost reduction in the production of moth proofed woollen textiles. Synthesis of wool dyes having moth proofing and fastness properties involves two step preparations and carried out by the following scheme of work. 1) Synthesis of toxic component for its incorporation in the dye molecule 2) Coupling of the toxic component with H acid to yield dye. The presence of gemdimethyl group in the molecule enhances the toxic activity of the compounds to many folds. Similarly presence of Benzyl group in the molecule produces insecticidal and insect repellency characteristics to the compounds. Both the facts have been considered for undertaking the synthesis scheme of the Insecticidal / Toxic part of the molecule. As described different reactive potential insecticides pertaining to pyrethroid skeleton, have been synthesised. They have been reduced to amino form for making them suitable for coupling with the colouring component. Synthetic reactions on fusing of the two components have been carried out to yield different dye molecules.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2011
(21) Application No.2252/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PALIPERIDONE PALMITATE

(51) International classification	:C07D 471/04
(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	:N/A
(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)PRASHANT PATIL
5)JITENDRA THORAT

(57) Abstract :
The present invention provides a process for the preparation of paliperidone palmitate comprising reacting paliperidone with palmitic acid or its derivative in the presence of a mixture of an organic base and an inorganic base.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2012

(21) Application No.3086/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SECURE DATA COMMUNICATION

(51) International classification	:H04M3/00, G06Q10/00, G06F21/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
A system and a method for secure data communication over a network are described. In one embodiment, a method comprises generating a visual flashing code containing encrypted data, wherein the visual flashing code is transmitted to a user on a user device. Further, the method comprises obtaining real time biometric data of the user from at least one biometric device connected to the user device. Furthermore, the method comprises authenticating the user based on the real time biometric data. Upon authentication, the encrypted data is decrypted at the user device based on electroencephalogram (EEG) data obtained from an EEG device, wherein the EEG data.comprises brain signals indicative of brain activity of the user corresponding to the visual flashing code.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013
(21) Application No.412/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A FIBRE YARN

(51) International classification :D01H4/08,D01H4/40,D01H7/92
(31) Priority Document No :10 2010 033 666.1
(32) Priority Date :06/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003912
Filing Date :04/08/2011
(87) International Publication No:WO 2012/016700
(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)ZOBEL Sabrina
8)WEIDNER Fabian

(57) Abstract :
The invention relates to a method for producing a fibre yarn (4) in which fibres (2) to be spun are fed to a rotating spinning rotor (1) are doubled in same and are drawn off from the spinning rotor (1) as fibre yarn (4) by means of a draw off device (6) wherein upon drawing off from the spinning rotor (1) a false twist is imposed on the fibre yarn (4) as during drawing off the draw off device (6) rotates about the longitudinal axis of the fibre yarn and in particular draw off rollers (6) that turn in opposite directions rotate together about the longitudinal axis of the fibre yarn. The invention further relates to a draw off device for drawing off spun fibre yarn (4) from a spinning rotor (1) comprising two draw off rollers (6) which can turn in opposite directions and between which the fibre yarn (4) can be clamped and which by turning can draw the fibre yarn (4) around the rollers (6a) the draw off device including a rotor (20) having a hollow shaft (21) through which the fibre yarn (4) can be guided coaxially with respect to the hollow shaft axis (22) wherein the rotor (20) is driven or at least can be driven in rotation about the hollow shaft axis/longitudinal axis of the fibre yarn (22) and includes the draw off rollers (6) the roller axes (6a) of which are oriented perpendicular to the hollow shaft axis (22).

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.434/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : COMPRESSIBLE CONTAINER SYSTEM AND METHOD OF TRANSPORT THEREWITH

(51) International classification :B65D85/26
(31) Priority Document No :12/877526
(32) Priority Date :08/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/001915
Filing Date :19/08/2011
(87) International Publication No :WO 2012/032380
(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 container (10) utilized for the storage and transport of articles (12) includes a body (20) comprised of one or more sidewalls (40) drawn in a generally longitudinal fashion and two end pieces (30) disposed distally on either end of the container body (20). A plurality of ribs (70) are disposed between the end pieces (30) to facilitate inward compression of the container body (20). In his manner the container volume can be permanently or temporarily altered to take up the tolerance between the volume of articles (12) and the otherwise fixed volume of the package.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2011
(21) Application No.2091/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHODS AND REAGENTS TO INACTIVATE NUCLEASES FOR PRESERVATION OF RIBONUCLEIC ACID

(51) International classification :C12Q1/68
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition 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)CHIKARA DR SURENDRA K
2)KATUDIA KALPESH
3)SHAH BARKHA

(57) Abstract :
The present invention realtes to composition of stabilizing solution which is capable of protecting ribonucleic acidmolecule in harvested cells or tissue. In order to preserve ribonucleic acidmolecule from nuclease degradation, sample is completely submerged, incubated in the reagent disclosed in the embodiment. The reagent is capable of protection of ribonucleic acidby various mechanism including, hydration disequilibrium, protein coagulation, disruption of catalytic sites, formation of microspheres, sequestring of cations. The method and reagents disclosed in following specification relates to the field of molecular biology, cell biology and various branches of applied biology.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2011
(21) Application No.2812/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NANOCOOLANTS FOR USE IN HEAT TRANSFER APPLICATIONS

(51) International classification :B21C 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

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(72)**Name of Inventor :**
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2)CHINEY Abhinandan
3)GANVIR Vivek
4)Pradip

(57) Abstract :
According to an implementation of the present subject matter, a method for producing stable nanocoolants is described. The method includes mixing a coolant (102) with a dispersant (104) and a metal oxide powder (106) to form a primary mixture (110). The coolant (102) includes one or more additives. Further, the primary mixture may be ground to obtain a ground suspension of nanoparticles. A pH buffer (118) is added to the ground suspension to obtain a pH adjusted nanocoolant. « To be published with

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.427/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : DEVICE FOR PURIFYING WATER

(51) International classification :C02F1/32,C02F1/34,A61L2/025
(31) Priority Document No :PCT/EP2010/064239
(32) Priority Date :27/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066538
Filing Date :22/09/2011
(87) International Publication No :WO 2012/041766
(61) Patent of Addition 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)DAHULE Rahul Kashinathrao

(57) Abstract :
The invention relates to a device (1) for purifying water comprising: a reactor housing (2) having an inlet opening (13) for suppliying polluted water and an outlet opening (4) for draining the purified water from the reactor housing (2); hydrodynamic cavitation means (7) arranged in the reactor housing (2) for causing cavitation (10) in the polluted water; main light means (9) for irradiating the polluted water with ultravioler light wherin the main light means provide a polychromatic and/or monochromatic pulsed ultraviolet light which is synchronized selectively with the specific cavitation event (s) in the polluted water by using senser (11) and controller (12).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013
(21) Application No.219/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ORAL CARE COMPOSITIONS

(51) International classification :A61K8/26, A61K8/34
(31) Priority Document No :10172141.3
(32) Priority Date :06/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063028
Filing Date :28/07/2011
(87) International Publication No :WO 2012/016908
(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)JOINER Andrew
2)PHILPOTTS Carole Jane

(57) Abstract :
The invention provides an oral care composition suitable for delivering a temporary whitening effect to the surface of teeth the composition comprising: a continuous phase comprising water or polyhydric alcohol or a mixture thereof; a tooth surface whitening agent which is dispersed in the continuous phase and a deposition aid for the tooth surface whitening agent; characterised in that the tooth surface whitening agent is a lake dye formed by fixing a dye onto a particulate inorganic substrate in which the dye used to form the lake dye is a triarylmethane dye having a blue to green blue colour with a hue angle in the CIELAB system ranging from 180 to 270 degrees and in which the amount of lake dye is at least 0.015% by total weight lake dye based on the total weight of the composition.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013
(21) Application No.216/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : EVALUATION AID

(51) International classification :A61B6/00
(31) Priority Document No :2010172570
(32) Priority Date :30/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066900
Filing Date :26/07/2011
(87) International Publication No :WO 2012/014862
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Mitaya Manufacturing Co. Ltd.
(72)**Name of Inventor :**
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2)KAGA Yuji
3)YOKOUCHI Goro

(57) Abstract :
The present invention provides an evaluation aid capable of using a digital X ray image as a phantom (mimic lesion) when the image is captured and evaluated and particularly evaluating digital X ray images in a plurality of X ray absorption regions having different X ray absorption rates in a collective manner. This evaluation aid is used when a digital X ray image is captured and evaluated and includes a substrate (plate like body) having a plurality of regions with different X ray absorption rates and steps having the plurality of regions with the different X ray absorption rates and provided correspondingly to the regions on the substrate. The substrate is preferably different in the X ray absorption rates in the regions because the thicknesses and/or constituent materials in the plurality of regions are different.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.430/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SHARING DATA ON MOBILE DEVICES

(51) International classification :G06F17/30
(31) Priority Document No :12/852948
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046111
Filing Date :01/08/2011
(87) International Publication No :WO 2012/021319
(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)SLEE Thomas Stephen
2)GRAHAM James David
3)HURST Adam

(57) Abstract :
System methods and articles of manufacture for replicating relational data on multiple nodes. An embodiment comprises receiving an update request message from a node wherein the update request message comprises a node identification and an application identification accessing an application schema based on the application identification identifying a partition residing in the application schema based on the node identification accessing a server schema identifying a second partition residing in the server schema based on the application identification determining at least one data change stored in the second partition that changes data associated with the first partition retrieving at least one data change from the second partition formatting data change in an update response message and transmitting the update response message to the node.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.3051/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR MANUFACTURING HIGH PURITY VANILLIN.

(51) International classification	:C12N15/82, C12P7/24, A23L2/00
(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 :**
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2)DR. MVSR PRASAD

(57) Abstract :
The present invention relates to an improved process of manufacturing high purity Vanillin, which is used for variety of industrial applications. The process includes the reaction of Guaiacol & Glyoxalic Acid under alkaline conditions, recovery of un-reacted Guaiacol, Oxidative decarboxylation, neutralization, extraction & isolation of Crude Vanillin, selective removal of Ortho - Vanillin & crystallization of Crude Vanillin. The Vanillin so prepared has atleast 99% purity. The process ensures minimization of Cannizzaro reaction, enhancing Para selectivity to yield Para - Hydroxy Methoxy Mandelic Acid; recovering & recycling of un-reacted Guaiacol; recovering, reactivating & recycling of Copper Oxide used as catalyst

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.3054/MUM/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A SECURITY SYSTEM FOR AN IVRS BASED PAYMENT DEVICE

(51) International classification	:G06Q30/02, G06Q20/22
(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	:1495/MUM/2012
Filed on	:16/05/2012
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)Yadav Vivek

(57) Abstract :
The present invention relates to a security system for an IVRS based payment device comprising a means for voice recognition an arrangement for conducting liveliness test and a means for onsite registration process with a tracking feature

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.428/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : COMPOSITIONS COMPRISING ACIDIC EXTRACTS OF MASTIC GUM

(51) International classification :A61K31/19,A61K36/00
(31) Priority Document No :61/380339
(32) Priority Date :07/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000724
Filing Date :07/09/2011
(87) International Publication No :WO 2012/032523
(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 compositions and formulations comprising isolated acidic fraction of mastic gum and uses thereof for treating impaired neurological functions as well as wound and tissue repair.

No. of Pages : 92 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.429/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ACK/NACK TRANSMISSION FOR MULTI CARRIER OPERATION

(51) International classification :H04L1/18
(31) Priority Document No :61/374210
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047757
Filing Date :15/08/2011
(87) International Publication No :WO 2012/024220
(61) 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 Xiaoxia
3)GAAL Peter
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5)LUO Xiliang
6)LUO Tao
7)DAMNJANOVIC Jelena M.
8)DAMNJANOVIC Aleksandar

(57) Abstract :
Techniques for acknowledging data transmissions in a multi carrier wireless communication network are disclosed. In some aspects a user equipment (UE) receives a data transmission on at least one component carrier (CC) in a plurality of configured CCs. The UE determines acknowledgement/negative acknowledgement (ACK/NACK) information for the data transmission and determines an uplink channel for sending the ACK/NACK information. When the ACK/NACK information is sent on a PUCCH the UE may perform power control based on which CCs in the plurality of configured CCs data is received. When the ACK/NACK information is sent on a PUSCH the UE may determine a number of resource elements based on its CC configuration.

No. of Pages : 76 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2011
(21) Application No.2125/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING SULBACTAM AND BETA-LACTAMASE INHIBITOR

(51) International classification	:A61K31/407,A61K31/43,A61P31/04
(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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(57) Abstract :
Pharmaceutical compositions and methods for treating or preventing bacterial infections are disclosed. The pharmaceutical compositions typically comprise pharmaceutically effective amount of: (a) sulbactam or a pharmaceutically acceptable salt thereof, and (b) at least one beta-lactamase inhibitor or a pharmaceutically acceptable salt thereof, with the provision that the beta-lactamase inhibitor is not sulbactam.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2011
(21) Application No.1970/MUM/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : STEERING AND SUSPENSION SYSTEM FOR A VEHICLE WITH ZERO TURN CAPABILITY

(51) International classification	:B60W10/192, B60W10/20, B60W10/22
(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	:N/A
(61) Patent of Addition 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.NIKOLAOS MANTIKAS
2)MR.PAUL J HILLMAN

(57) Abstract :
The invention relates to a steering system for a vehicle. The steering system includes at least one steerable wheel mounted on a wheel hub. The at least one wheel is steerable by means of a gear set assembly connected to a steering mechanism of the vehicle. The wheel hub is mounted on a steering pivot shaft. The gear set assembly further comprises a plurality of meshed gears having an input gear mechanically coupled to the steering mechanism and an output gear integrally connected to the steering pivot mounted on a steering pivot. The input gear and the pivot shaft are supported on an independent suspension system of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013
(21) Application No.218/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : DOSING CAP FOR CONTAINER

(51) International classification :B05B11/00,B05B11/04,G01F11/02
(31) Priority Document No :10172216.3
(32) Priority Date :06/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063046
Filing Date :28/07/2011
(87) International Publication No :WO 2012/016911
(61) Patent of Addition 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)VAN DE POLL Jonkheer Theodoor Hendrik

(57) Abstract :
A dispencer cap (10) for a liquid container having an opening wherein the outlet requires a difference in pressure to allow liquid to flow out of the outlet (16) the liquid outlet is a non return valve allowing only the flow of liquid out and no backflow of atmospheric gas into the container a moveable seal is arranged to permit the flow of liquid from the inlet side liquid volume to the outlet side liquid volume when there is a difference in pressure across the seal once the pressure on the inlet side is removed following dispensing the seal begins to move from the second position towards the first position by action of the biasing means such that liquid flows past the seal in responce to the pressure differences whereby once back at the first position the outlet side liquid valve is full of liquid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013
(21) Application No.404/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FORMING APPARATUS

(51) International classification :E04F21/20
(31) Priority Document No :2010196366
(32) Priority Date :02/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067505
Filing Date :29/07/2011
(87) International Publication No :WO 2012/029482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAGAOKA Yoshiharu

(57) Abstract :
Provided is a forming apparatus which forms the upper surface of an adhesive substance in the shape of ribs so as to prevent or reduce a wavy surface or unintended inclination thereof the adhesive substance being adapted to adhere tiles to a laying surface. The forming apparatus comprises a tongue forming means the tongue forming means having a plurality of tongues and a tongue securing portion; a grasping means; and a contact means. The plurality of tongues have a gap therebetween and a free end or a tip end protruded from a base end which is located on a bottom defining line in the direction of the protrusion perpendicular to the bottom defining line that is located on a tongue existence plane. The tongue securing portion allows the base end of the plurality of tongues to be attached to an edge portion along the bottom defining line to secure the base end of the plurality of tongues along the bottom defining line. The grasping means is gripped by a hand of a user and attached directly or indirectly to the tongue securing portion. The contact means has at least two contact points which contact at least two points on an imaginary plane perpendicular to the direction of the protrusion and is directly or indirectly attached to the tongue forming means wherein the at least two contact points or legs thereof perpendicular to the tongue existence plane exist generally on a contact defining line or a line segment which is present on the tongue existence plane away from the bottom defining line in the direction of the protrusion.

No. of Pages : 67 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013
(21) Application No.215/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ELECTRICAL CONNECTION DEVICE HAVING IMPROVED CONDUCTANCE

(51) International classification :H01R4/62,H01R13/03
(31) Priority Document No :1002988
(32) Priority Date :16/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051704
Filing Date :18/07/2011
(87) International Publication No :WO 2012/007701
(61) Patent of Addition 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)PILLET Michel

(57) Abstract :
The invention relates to an electrical connection device including two conductors (12 and 14) wherein in particular at least one of the two conductors is made of aluminium each conductor has a contact surface and a conductive element (10) is inserted between the contact surfaces of the conductors. The inserted conductive part consists of a foam skeleton comprising open cells of a metal selected from the group consisting of iron cobalt nickel and the alloys thereof directly covered with at least one coating of copper tin indium or one of the alloys thereof.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013
(21) Application No.413/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ESTIMATING A PITCH LAG

(51) International classification :G10L11/04,G10L19/08
(31) Priority Document No :61/383692
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051046
Filing Date :09/09/2011
(87) International Publication No :WO 2012/036989
(61) Patent of Addition 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)KRISHNAN Venkatesh
2)VILLETTE Stephane Pierre

(57) Abstract :
An electronic device for estimating a pitch lag is described. The electronic device includes a processor and executable instructions stored in memory that is in electronic communication with the processor. The electronic device obtains a current frame. The electronic device also obtains a residual signal based on the current frame. The electronic device additionally determines a set of peak locations based on the residual signal. Furthermore the electronic device obtains a set of pitch lag candidates based on the set of peak locations. The electronic device also estimates a pitch lag based on the set of pitch lag candidates.

No. of Pages : 76 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013

(21) Application No.217/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SKIN CARE COMPOSITIONS COMPRISING SUBSTITUTED DIAMINES

(51) International classification :A61K8/41,A61K8/49,A61Q19/02
(31) Priority Document No :12/845840
(32) Priority Date :29/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/059994
Filing Date :16/06/2011
(87) International Publication No :WO 2012/013417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HARICHIAN Bijan
3)DRENNAN Diana Jean
4)BAJOR John Steven
5)BOSKO Carol Annette

(57) Abstract :
Skin care compositions comprising certain substituted diamines which are particularly beneficial for skin lightening and achieving evenness of color especially for face and underarm skin.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.431/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A SOUNDER FOR MOBILE APPARATUS

(51) International classification :G08B3/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/GB2010/001617
Filing Date :26/08/2010
(87) International Publication No :WO 2012/025702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEVENTHALL Hubert Geoffrey
3)SANDS Kelly

(57) Abstract :
A sounder for use in mobile apparatus comprising an electronic signal generator and a electroacoustic transducer to generate an audible sound wherein the sound comprises continuous repetitions of a pre determined section of substantially broadband sound.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.432/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AUDIO BASED ENVIRONMENT AWARENESS

(51) International classification :G01S5/18
(31) Priority Document No :12/871489
(32) Priority Date :30/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049778
Filing Date :30/08/2011
(87) International Publication No :WO 2012/030851
(61) Patent of Addition 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)DO Ju Yong

(57) Abstract :
A method of determining a position of a mobile device in a wireless communication network includes: accessing mobile device audio information from the mobile device; analyzing the mobile device audio information to determine an environmental characteristic of a present environment of the mobile device; and using the environmental characteristic to affect a determination of the position of the mobile device.

No. of Pages : 42 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013
(21) Application No.408/MUMNP/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : EQUIPPING MOTOR VEHICLE BATTERY HOUSINGS WITH SETS OF ELECTRODE PLATES

(51) International classification	:H01M10/04,H01M10/12,B23P21/00
(31) Priority Document No	:10 2010 033 436.7
(32) Priority Date	:04/08/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/003847
Filing Date	:01/08/2011
(87) International Publication No	:WO 2012/016675
(61) Patent of Addition 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)LOER Roger

(57) Abstract :
The invention relates to an equipping station (4) for equipping motor vehicle battery housings (23 61) with sets of electrode plates (41) for manufacturing a motor vehicle battery wherein the equipping station (4) has at least one feed section (20) for unequipped battery housings (23) at least one discharge section (22) for equipped battery housings (61) at least one apparatus for feeding sets of electrode plates (40) and at least one first equipping section (21) which is arranged between the feed section (20) and the discharge section (22) and in which sets of electrode plates (41) which have been fed by means of the apparatus for feeding sets of electrode plates (40) are inserted into the battery housing (23) wherein the first equipping section (21) has a base part (24) which acts as a bearing surface for the battery housing (23) during the insertion operation of the sets of electrode plates (41) wherein the base part (24) is formed without a conveying apparatus for the battery housing (23) and the equipping station (4) has at least one first extendable slide (30) via which a battery housing (23) is horizontally displaceable at least on the base part (24).

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012
(21) Application No.10021/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHOD AND APPARATUS FOR TREATMENT OF OCULAR TISSUE USING COMBINED MODALITIES

(51) International classification :A61F9/008,A61N5/067,A61N5/08
(31) Priority Document No :61/330168
(32) Priority Date :30/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/034823
Filing Date :02/05/2011
(87) International Publication No :WO 2011/137449
(61) Patent of Addition 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)HEREKAR Satish V.
2)MANCHE Edward E.
3)EATON Donald J.

(57) Abstract :
An apparatus and a method are provided for treating a targeted area of ocular tissue in a tissue sparing manner comprising use of two or more therapeutic modalities including thermal radiation source (such as an CW infrared fiber laser) operative in a wavelength range that has a high absorption in water and photochemical collagen cross linking (CXL) together with one or more specific system improvements such as peri operative feedback measurements for tailoring of the therapeutic modalities an ocular tissue surface thermal control/cooling mechanism and a source of deuterated water/ riboflavin solution in a delivery system targeting ocular tissue in the presence of the ultraviolet radiation. Additional methods of rapid cross linking (RXL) are provided that further enables cross linking (CXL) therapy to be combined with thermal therapy.

No. of Pages : 59 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012
(21) Application No.10028/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : COMPOSITE FORMED FROM A POLYAMIDE MOULDING COMPOSITION AND A VULCANIZED ELASTOMER

(51) International classification :B32B25/04,B32B25/08,B32B27/34
(31) Priority Document No :102010028541.2
(32) Priority Date :04/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057000
Filing Date :03/05/2011
(87) International Publication No :WO 2011/138300
(61) Patent of Addition 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)PAWLIK Andreas
2)H„GER Harald

(57) Abstract :
In a composite component assembled from at least one component piece comprising a polyamide moulding composition with at least one component piece comprising a vulcanized elastomer the polyamide moulding composition comprises at least 40% by weight of a mixture of the following constituents: a) 60 to 99 parts by weight of polyamide and b) 1 to 40 parts by weight of a graft copolymer obtainable using the following monomers: a) 0.5% to 25% by weight based on the graft copolymer of a polyamine having at least 4 nitrogen atoms and also) 75% to 99.5% by weight based on the graft copolymer of polyamide forming monomers selected from lactams amino carboxylic acids and/or equimolar combinations of diamine and dicarboxylic acid wherein the parts by weight of a) and b) sum to 100. The presence of the graft copolymer effectuates improved adherence between the component pieces.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012
(21) Application No.10258/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MULTILANE VEHICLE TRACKING SYSTEM

(51) International classification :G07B15/06
(31) Priority Document No :12/797425
(32) Priority Date :09/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/030751
Filing Date :31/03/2011
(87) International Publication No :WO 2011/156047
(61) Patent of Addition 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)ROESNER Bruce B.

(57) Abstract :
A vehicle tracking system and method of tracking vehicles in multiple traffic lanes is disclosed. One system includes an RFID reader including a plurality of antenna ports. The system also includes a first antenna connected to a first antenna port of the plurality of antenna ports the first antenna oriented toward a first lane of traffic. The system further includes a second antenna connected to the first antenna port and oriented toward a second lane of traffic. The system also includes a third antenna connected to a second antenna port of the plurality of antenna ports the third antenna oriented toward the first lane of traffic. In some cases the RFID reader is configured to detect the existence of a vehicle in a lane based on detection of an RFID device associated with the vehicle at two or more of the plurality of antenna ports.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012
(21) Application No.10259/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A HIGH VOLTAGE DC BREAKER APPARATUS

(51) International classification :H01H33/59
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/056472
Filing Date :11/05/2010
(87) International Publication No :WO 2011/141054
(61) Patent of Addition 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)H„FNER Jurgen
2)ASPLUND Gunnar

(57) Abstract :
A high voltage DC breaker apparatus configured to break a fault current occurring in a high voltage DC conductor (15) comprises a current limiting arrangement (11) having at least one section (12) with at least one semiconductor device (13) of turn off type and at least one arrester (14) connected in parallel therewith and a mechanical DC breaker (18) connected in series with the current limiting arrangement and including a mechanical switch (19). The mechanical DC breaker is configured to enable breaking of a fault current in said DC conductor (15) once said semiconductor devices of said arrangement have been turned off.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10390/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PRODUCTION OF AROMATIC CARBOXYLIC ACIDS

(51) International classification :C07C51/43,C07C51/265,C07C51/44
(31) Priority Document No :61/345799
(32) Priority Date :18/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/035196
Filing Date :04/05/2011
(87) International Publication No :WO 2011/146242
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INVISTA TECHNOLOGIES S.A. R.L.
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(72)**Name of Inventor :**
1)URE Alan Macpherson

(57) Abstract :
Disclosed are processes and systems for the production of aromatic carboxylic acids such as purified terephthalic acid. The processes result in reduced volatile aromatic monocarboxylic acid contamination throughout various stages of the PTA process when compared to known processes. This permits the various effluent streams to be recycled back to several stages in the production process which allows for the efficient production of pure PTA at a lower cost.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10392/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PROFILED BINDING FOR A ROLLER PRESS

(51) International classification :B02C4/30
(31) Priority Document No :10 2010 024 221.7
(32) Priority Date :18/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057306
Filing Date :06/05/2011
(87) International Publication No :WO 2011/157484
(61) Patent of Addition 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)FRANGENBERG Meinhard

(57) Abstract :
The invention relates to a profiled binding for use in a roller press. According to the invention an alloy containing a high degree of chromium is used. A high wear resistance of the binding is thereby achieved said binding not being sensitive with respect to build up weldings in order to reconstruct the profile after wear.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10394/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ROLLER PRESS HAVING TORQUE BALANCE

(51) International classification :B02C4/32,B30B3/04
(31) Priority Document No :10 2010 024 231.4
(32) Priority Date :18/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057305
Filing Date :06/05/2011
(87) International Publication No :WO 2011/157483 A1
(61) Patent of Addition 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)FRANGENBERG Meinhard

(57) Abstract :
The invention relates to a roller press (100) for the pressure treatment or compaction of granular material having at least two rolls (110 120) formed as freely rotating rolls in each case rotatably mounted in a machine frame (171) by a shaft (111 112 121 122) driven in opposite directions and separated from one another by a roll gap (115) wherein the shafts (111 112 121 122) of the rolls (110 120) are accommodated in bearing housings (130 140 100 160) movably mounted in the machine frame (171) and wherein in each case two bearing housings (130 140 150 160) arranged on one side of the rolls (110 120) and belonging to different rolls (110 120) are connected to each other via at least one pressure cylinder (210 210 220 220 230 230 240 240). According to the invention the connection between the bearing housings (130 140 150 160) in each case has at least one torque balance (250 250 260 260). In this way the structure of a roller press having roller centering is simplified as compared with the prior art and can be produced more cost effectively.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10395/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ANELLATED PYRIDINE COMPOUNDS AS DUAL MODULATORS OF THE 5 HT2A AND D3 RECEPTORS

(51) International classification :C07D491/048,C07D495/04,A61K31/496
(31) Priority Document No :10166652.7
(32) Priority Date :21/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060080
Filing Date :17/06/2011
(87) International Publication No :WO 2011/161009
(61) Patent of Addition 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)RODRIGUEZ SARMIENTO Rosa Maria
3)WICHMANN Juergen

(57) Abstract :
The present invention is concerned with novel dual modulators of the 5 HT and D receptors of formula (I) wherein X Y A R R and R are as described herein as well as pharmaceutically acceptable salts and esters thereof. Further the present invention is concerned with the manufacture of the compounds of formula (I) pharmaceutical compositions comprising them and their use as medicaments.

No. of Pages : 108 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10396/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SIMPLIFIED NAVIGATION AMONG PROCESS CONTROL VIEWS IN A PROCESS CONTROL SYSTEM

(51) International classification :G06F3/048,G05B19/418
(31) Priority Document No :10163304.8
(32) Priority Date :19/05/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/058128
Filing Date :19/05/2011
(87) International Publication No :WO 2011/144693
(61) Patent of Addition 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)VETTER Claus

(57) Abstract :
The present invention relates to a method for simplifying for a user to navigate among process control views on a user terminal display of a process control system as well as to a user terminal and a computer program product for simplifying such navigation. The method includes the steps presenting (38) a current main process control view in a first main view window together with a number of additional views in a second additional views window receiving (40) from the user a selection of a view in the second window to be main process control view setting (42) the selected view as current main process control view choosing (48) a group of views to be presented as additional views in the second window based on an additional view selection criterion and repeating presenting (38) current main process control view according to the received selection with the chosen group of views as additional views in the second window.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2012
(21) Application No.10144/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : HYDRAULIC CONTROL DEVICE FOR AUTOMATIC TRANSMISSION

(51) International classification :F16H61/00,F16H61/12
(31) Priority Document No :2010110561
(32) Priority Date :12/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/060315
Filing Date :27/04/2011
(87) International Publication No :WO 2011/142269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIMURA Kouichi
3)OKAZAKI Yuji
4)TABUSHI Isao

(57) Abstract :
The over stroking of a spool which is caused by an abnormal increase in line pressure is effectively prevented while suppressing the impact on the setting value or structural layout of a regulator valve to a minimum. Disclosed is a hydraulic control device for an automatic transmission which is provided with a regulator valve (20) disposed on a hydraulic circuit (1) connected to an oil pump (P) a line pressure adjusting means (15) which adjusts the line pressure so that the line pressure increases by moving a spool (23) to the closing side in accordance with the increase in the stator reaction of a torque converter (T) and a line pressure switching means (55) which switches the line pressure between low line pressure and high line pressure by switching the supply of auxiliary oil pressure by means of a solenoid valve (50) wherein when the auxiliary oil pressure supplied to the regulator valve (20) increases beyond the ranges of a normal value the auxiliary oil pressure is released as a consequence of the solenoid output pressure port (36) and a release port (37) connecting thereby preventing the spool (23) from over stroking.

No. of Pages : 43 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10400/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : EASY OPEN FLEXIBLE FILM PACKAGING PRODUCTS AND METHODS OF MANUFACTURE

(51) International classification :B65D75/58,B65B61/18
(31) Priority Document No :61/345798
(32) Priority Date :18/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037010
Filing Date :18/05/2011
(87) International Publication No :WO 2011/146627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEBER Jeffrey T.

(57) Abstract :
Packages and methods having a flexible film (12) defining an interior contents cavity and having a first pair of opposing edge portions forming a first end seal (18) a second pair of opposing edge portions forming a second end seal (20) and a third pair of opposing edge portions forming a longitudinal fin seal (14) extending from the first end seal to the second end seal; the body having a first side portion having the longitudinal fin seal and a second side portion generally opposite the first side portion; a score (42) formed in the flexible film at the second side portion and defining an opening to the contents cavity upon initial rupturing and configured to propagate film tear longitudinally towards the second end seal; a closure label (40) covering at least portion of the score but less than the entire score; and a pressure sensitive adhesive being between the closure layer and the flexible film.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10406/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : LASER TRANSPARENT POLYESTER

(51) International classification	:C08K3/26,B23K26/20,B29C65/00
(31) Priority Document No	:10163060.6
(32) Priority Date	:18/05/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/057540
Filing Date	:10/05/2011
(87) International Publication No	:WO 2011/144502
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)EIBECK Peter

(57) Abstract :
The invention relates to the use of thermoplastic molding compounds comprising as substantial components: A) 29 to 99.95 wt % of a polyesters B) 0.05 to 2.0 wt % of NaCO KCO NaHCO KHCO or mixtures thereof relative to 100 wt % of A) and B) and additionally C) 0 to 70 wt % of further additives where the sum of the wt % of A) to C) is 100 % for producing laser transparent molded parts of any kind.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10407/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : STRAND GUIDING DEVICE

(51) International classification :B22D11/124,B22D11/22
(31) Priority Document No :10 2010 020 937.6
(32) Priority Date :19/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/000437
Filing Date :01/02/2011
(87) International Publication No :WO 2011/144266
(61) Patent of Addition 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)HOVEST,,DT Erich
2)REIFFERSCHEID Markus

(57) Abstract :
The invention relates to a strand guiding device for guiding a metal strand after the metal strand exits a mold in a strand casting system. In order to reduce the design effort for a secondary cooling device inside the strand guiding device and to improve the secondary cooling the valves of the individual cooling zones of the secondary cooling device are arranged either directly on the roller segments or in area II. of the segment carrier (220).

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10528/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : BLOWN AND STRIPPED PLANT BASED OILS

(51) International classification :C02F3/32,A23B7/10,A23K1/00
(31) Priority Document No :61/347170
(32) Priority Date :21/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037373
Filing Date :20/05/2011
(87) International Publication No :WO 2011/146856
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MURPHY Patrick Thomas

(57) Abstract :
A method for producing a high viscosity low volatiles blown stripped plant based oil is provided. The method may include the steps of: (i) obtaining a plant based oil; (ii)heating the oil to at least 90C; (iii) passing air through the heated oil to produce a blown oil having a viscosity of at least 200 cSt at 40C; (iv) stripping the blown oil from step (iii) to reduce an acid value of the blown oil to from 5 mg KOH/g to about 9 mg KOH/g; (v) adding a polyol to the stripped oil from (iv); and (vi) stripping the oil from step (v) to reduce the acid value of the oil to less than 5.0 mg KOH/g or less.

No. of Pages : 25 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10529/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PROCESS AND SYSTEM FOR SYNGAS TREATMENT

(51) International classification :B01D53/02,C10J3/84,C10K1/10
(31) Priority Document No :61/347496
(32) Priority Date :24/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037708
Filing Date :24/05/2011
(87) International Publication No:WO 2011/149914
(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)KRETZ Christine Peck
4)GAGLIARDI Carmine Richard
5)DUFFY Kevin M.
6)HSU Kuo Kuang

(57) Abstract :
A process for the clean up of a crude syngas stream having widely varying composition and particulate load. The process includes quenching the crude syngas stream with a liquid stream to cool the syngas stream and remove particulates tars and heavier hydrocarbon compounds. The process further includes co scrubbing the syngas stream to remove both HCl and NH3 from the syngas stream removing particulate matter from the syngas stream and removing sulfur from the syngas stream. A syngas treatment system is also disclosed.

No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10530/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : BODY COMPOSITION MEASUREMENT DEVICE

(51) International classification :A61B5/05
(31) Priority Document No :2010-151119
(32) Priority Date :01/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064478
Filing Date :23/06/2011
(87) International Publication No :WO 2012/002261 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKAHASHI Tatsuya
3)FUKUSHIMA Shogo
4)OCHI Kazuhiro

(57) Abstract :
Disclosed is a body composition measurement device (1) provided with a current electrode pair (30) for applying current and a plurality of voltage electrode pairs (40A 40E) for measuring voltage at a plurality of measurement points. A controller (50) measures body fat on the basis of voltages measured at the plurality of measurement points by means of the voltage electrode pairs (40A 40E). The controller (50) uses the measured voltages at the plurality of measurement points to perform integration and calculates the amount of body fat on the basis of the integration result.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10531/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MOBILE RADIO COMMUNICATIONS DEVICE FOR CLOSED SUBSCRIBER GROUP MANAGEMENT

(51) International classification :H04W4/06
(31) Priority Document No :1010393.5
(32) Priority Date :21/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2011/064613
Filing Date :20/06/2011
(87) International Publication No :WO 2011/162401
(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)JACTAT Caroline

(57) Abstract :
The present invention provides for a mobile radio communications device and related method of operation arranged for closed subscriber group selection and for the storage of closed subscriber group information in the device the stored information including information configured as a whitelist of closed subscriber group identities delivered between non access stratum layer and access stratum layer within the device and the device being further arranged to remove a previous user selected closed subscriber group identity from the whitelist responsive to the device connecting to a cell is different from that identified by the previous user selected closed subscriber group identity and which different cell can comprise for example a non CSG cell.

No. of Pages : 25 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10532/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METAL POWDER FOR SELECTIVE LASER SINTERING PROCESS FOR PRODUCING THREE DIMENSIONALLY SHAPED OBJECT USING SAME AND THREE DIMENSIONALLY SHAPED OBJECT PRODUCED THEREBY

(51) International classification :B22F1/00,B22F3/105,B22F3/16
(31) Priority Document No :2010-119297
(32) Priority Date :25/05/2010
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2011/062309
Filing Date :23/05/2011
(87) International Publication No :WO 2011/149101 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FUWA Isao

(57) Abstract :
Disclosed is a metal powder to be used in selective laser sintering with which a three dimensionally shaped object can be produced the metal powder being made up of a powder mixture containing powders made of precipitation hardening metal components. In particular the disclosed metal powder does not contain as the main component thereof a powder in which an Fe based component and an Ni based component have been alloyed together but contains an Fe based component powder and an Ni based component powder as separate powders.

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10540/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SEMICONDUCTOR DEVICE

(51) International classification :H01L21/338,H01L29/06,H01L29/41
(31) Priority Document No :2010-143271
(32) Priority Date :24/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064141
Filing Date :21/06/2011
(87) International Publication No :WO 2011/162243 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EKKANATH MADATHIL Sankara Narayanan
3)SUMIDA Yasunobu
4)KAWAI Hiroji

(57) Abstract :
Disclosed is a low loss Gallium Nitride semiconductor element that fundamentally eases peak electrical fields that arise locally in conductor channels simultaneously increasing resilience and eliminating current collapse at a practical level and is easily achieved by the use of polarized bonds. The semiconductor element comprises an InGaN layer (11) (where 0 = z = 1) an AlGaN layer (12) (where 0 < x < 1); an InGaN layer (13) (where 0 = y < 1) and a p type InGaN layer (14) (where 0 = w < 1) which are sequentially layered on a base substrate such as a C face sapphire substrate. When not operational a two dimensional positive hole gas (15) is formed on a portion of the InGaN layer (13) near the heterointerface of the AlGaN layer (12) and the InGaN layer (13) and a two dimensional electron gas (16) is formed on a portion of the InGaN layer (11) near the heterointerface of the InGaN layer (11) and the AlGaN layer (12).

No. of Pages : 91 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10545/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PRESSURE REDUCING APPARATUS

(51) International classification :G05D16/16
(31) Priority Document No :2010144058
(32) Priority Date :24/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064192
Filing Date :15/06/2011
(87) International Publication No :WO 2011/162270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IGUMA Naoki
3)TSUKAMOTO Kenji

(57) Abstract :
A pressure reducing apparatus (10) includes a body (12) being equipped with a first side port (20) through which a pressure fluid is supplied and a second side port (22) through which the pressure fluid having been reduced in pressure is discharged. Further a feedback passage (64) is formed which establishes communication between the second side port (22) and a third diaphragm chamber (90) that faces toward a pilot valve (93). Additionally a pressure fluid that flows through the second side port (22) is introduced through the feedback passage (64) into the third diaphragm chamber (90) whereby a third diaphragm (78) is pressed upwardly against an elastic force of a second spring (82) into equilibrium.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10546/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MAGNETIC POLE POSITION DETECTION DEVICE FOR SYNCHRONOUS MACHINE

(51) International classification :H02P6/18
(31) Priority Document No :2010140411
(32) Priority Date :21/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/059008
Filing Date :11/04/2011
(87) International Publication No :WO 2011/162011 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HATANAKA Keita
3)KONO Masaki
4)KITANAKA Hidetoshi

(57) Abstract :
Disclosed is a magnetic pole position detection device which is for a synchronous machine and which can obtain a desired accuracy of magnetic pole position detection regardless of fluctuations in the DC voltage of a DC voltage source. In order that a desired accuracy of magnetic pole position detection can be obtained regardless of fluctuations in the DC voltage of a DC voltage source (5) a calculation means (2a) alters a pulse suspension width (tn) and a pulse width (tp) by means of a pulse width determination unit (22a) and according to a detected DC voltage value (Vdc) and controls such that a sampling timing is fixed to the pulse width (tp) termination point of each voltage vector regardless of the detected DC voltage value (Vdc).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10548/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : TRANSFORMER WITH SHIELDED CLAMPS

(51) International classification :H01F27/36
(31) Priority Document No :10167493.5
(32) Priority Date :28/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060299
Filing Date :21/06/2011
(87) International Publication No :WO 2012/000828
(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)TEPPER Jens
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5)LETOSA FLETA Jesus
6)USON Antonio
7)VILL‰N Maria Teresa
8)SAMPLON Miguel

(57) Abstract :
The present invention relates to the shielding of clamps of a transformer and in particular to an electric shielding arrangement for a transformer and a transformer with the arrangement. An electric shielding arrangement for a transformer (101) is provided with a clamp (102 130 132) attached at a yoke (109 124 126) and stabilizes the yoke (109 124 126) of the transformer (101). The arrangement comprises an electric shielding device (100 140 142) arranged at the clamp (102 130 132) between the yoke (109 124 126) and a winding (103) of the transformer (101) and having a trough like form. The electric shielding device (100 140 142) may have the form of a rounded cover and is adapted for shielding the clamp (102 130 132) from an electric field of the winding (103).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012
(21) Application No.10281/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : HIGH INTENSITY LED REPLACEMENT OF INCANDESCENT LAMPS

(51) International classification :F21V23/00
(31) Priority Document No :61/333345
(32) Priority Date :11/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/035832
Filing Date :10/05/2011
(87) International Publication No :WO 2011/143153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCIANNA Carlo
3)THOMPSON Ted Lowl

(57) Abstract :
A method of forming a light bulb core and a light bulb or lamp incorporating the core. The method includes forming a heat sink having at least six working facets located equally on opposite sides of a central plane and then mounting a light source on each of the working facets. The light sources are mounted on circuit boards each circuit board corresponding to a respective one of the working facets. The boards are then applied to respective working facets. The bulb is composed of a screw base an external heat sink mounted in the screw base and the light bulb core mounted in and extending from the external heat sink. The light source comprises a plurality of light emitting diodes.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012
(21) Application No.10607/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHOD AND TOOL FOR AUTOMATIC DISTRIBUTION OF CONTROL CODE IN A SAFETY SYSTEM

(51) International classification :G05B19/042,G05B9/02,G05B23/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/059036
Filing Date :24/06/2010
(87) International Publication No :WO 2011/160695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB AS
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(72)**Name of Inventor :**
1)GOHR Katharina

(57) Abstract :
The invention relates to an improved method in an industrial safety system for controlling a process or equipment which industrial safety system which includes components with safety devices. The safety system enables signals to be generated as a result of an event or alarm where the method comprises creating an automated link between the event or alarm and an effect or an action to be taken upon receipt of said event or alarm signal due to the event. The method includes configuring one or more links between the event and the input thus forming a cause and effect matrix (CEM) and also generating a control code using said cause and effect matrix (1) for subsequent download of said control code to at least one process controller (4 6 31 33) whereby a control signal is subsequently generated by at least one safety controller to initiate the action or effect. The method in particular includes calculating a controller load for a safety controller (4 6 31 33) processing said control code based on said cause and effect matrix (1) for said at least one safety controller such that the calculated processing load is not exceeded in any safety controller.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012
(21) Application No.10608/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : INDICATOR FOR STERILIZATION PROCESS

(51) International classification :G01N31/22,G01N21/77
(31) Priority Document No :61/357059
(32) Priority Date :21/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040499
Filing Date :15/06/2011
(87) International Publication No :WO 2011/163028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)READ David M.
3)PARTHASARATHY Ranjani V.
4)LANDGREBE Kevin D.
5)BENNETT Anthony E.

(57) Abstract :
Chemical indicator compositions comprising a bismuth compound; elemental sulfur; and a compound with relatively high water solubility which makes the composition alkaline when exposed to water vapor at an elevated temperature; a chemical indicator comprising a substrate and the composition coated on at least a portion of a major surface of the substrate; and methods of making and using the chemical indicator are disclosed.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012
(21) Application No.10610/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : TUNNEL EXCAVATION APPARATUS AND TUNNEL EXCAVATION METHOD

(51) International classification :E21D9/06,E21D9/10
(31) Priority Document No :2010120071
(32) Priority Date :26/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061642
Filing Date :20/05/2011
(87) International Publication No :WO 2011/148871
(61) Patent of Addition 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 :
Disclosed is a cylindrical excavation apparatus which has an annular cutter section that is driven into rotation. This cylindrical excavation apparatus is such that it is possible to transport excavated dirt in large quantities and that the same can be easily removed even if clogging occurs. A tunnel excavation apparatus (1) for excavating a tunnel in the ground is equipped with an annular cutter section (32) which is provided at the tip in the excavation advancing direction and the surface of which is equipped with bits for excavating the ground. The tunnel excavation apparatus (1) is also equipped with a cylindrical excavation mechanism (4) which is capable of driving the cutter section (32) into rotation; a shell body (10) which is connected to the rear of the cutter section (32) and is composed of a cylindrical outside tubular body (10C) that has an outside diameter approximately equal to the outside diameter of the cutter section (32) and a cylindrical inside tubular body (10B) that has an inside diameter larger than the inside diameter of the cutter section (32); a propulsion mechanism (9) which propels the excavation mechanism (4) in the excavation advancing direction; and an excavated soil discharge mechanism (6) which is mounted on the inner circumferential surface of the inside tubular body (10B) and comprises a spiral blade (42) that is driven into rotation together with the excavation mechanism (4).

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012
(21) Application No.10613/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MODULAR SOLAR SUPPORT ASSEMBLY

(51) International classification :F24J2/54
(31) Priority Document No :61/358225
(32) Priority Date :24/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041771
Filing Date :24/06/2011
(87) International Publication No :WO 2011/163563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BURRIS Sten
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4)MAHADEVAN Dinesh

(57) Abstract :
A solar tracker and more specifically to a modular support assembly for a solar tracker that allows for easy manufacturing transportation and then accurate assembly at remote locations while maintaining desired tolerances to maximize efficiency of collector assembly. The solar tracker assembly generally includes a support assembly base and a support assembly upper which supports a collector assembly.

No. of Pages : 29 No. of Claims : 27

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

(21) Application No.10614/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : IMPROVED OVERPRESSURE SECURITY VENT AND EXHAUST DEVICE FOR A CONTAINER

(51) International classification :H01M2/12,B65D47/32,B65D90/34
(31) Priority Document No :MI2010A001142
(32) Priority Date :24/06/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/001361
Filing Date :14/06/2011
(87) International Publication No :WO 2011/161512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FRULLA Roberta

(57) Abstract :
A vent and exhaust device (1) for a container within which an overpressure of gas can be created during use such as a battery for a vehicle said device having a hollow body (2) suited to being arranged on an opening of such container with internal cavity (5) closed but communicating with the outside and with a passage (6) connected to the inside of the container from which the gas that forms in the latter can pass to escape to the outside of the aforesaid body (2) there being placed on such passage (6) a filter element (18) permeable to such gas. Such filter element (18) is integral with a support unit (20) which is subject to pressure means (30) placed in such cavity (5) and suited to pushing it in the position of interception of the passage (6) but allowing the momentary opening of the latter for a venting of the gas when the pressure exceeds a predetermined value.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012
(21) Application No.10617/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MAGNETRON POWER SUPPLY

(51) International classification :H05B6/68
(31) Priority Document No :1010358.8
(32) Priority Date :21/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000920
Filing Date :17/06/2011
(87) International Publication No :WO 2011/161401
(61) Patent of Addition 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 power supply for a magnetron has a high voltage converter (101) a microprocessor (103) and a resistor (109). The high voltage converter comprises an integrated circuit oscillator IC1 switching transistors T1 T2 an inductance LI a transformer (106) and a rectifier (107). A voltage source (4) supplies an augmented DC voltage to the converter (101). An operational amplifier (122) arranged as an error signal magnifier with an integrating capacitor C7 and a resistor R9 compares a control signal from microprocessor (103) and resistor (109) and supplies an output signal to the oscillator IC1. Oscillator IC1 controls switching transistors T1 T2 the output of which connect to inductance LI and the primary winding of the transformer (106). The secondary winding of the transformer (106) is connected to half bridge diodes D3 D4 D5 D6 and capacitors C5 C6 which provide DC current from the transformer to the magnetron (102).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012
(21) Application No.10619/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ELECTRIFICATION DEVICE AND IMAGE FORMING DEVICE

(51) International classification :G03G15/02
(31) Priority Document No :2010-126519
(32) Priority Date :02/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/060128
Filing Date :26/04/2011
(87) International Publication No :WO 2011/152159 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KADOWAKI Hideaki

(57) Abstract :
The disclosed electrification device (10) is provided with an elongated discharge electrode (12) and a housing body (11). The cross section of the housing body (11) in the direction perpendicular to the lengthwise direction (91) of the discharge electrode (12) is U shaped and the housing body (11) houses the discharge electrode (12) and supports the discharge electrode (12) in the direction such that the tip section thereof is disposed on the aperture plane (111) side. The housing body (11) contains a first member (17) and a second member (18) that are divided at an interface that includes an electrode support section (115) that supports the discharge electrode (12) and the first member (17) and the second member (18) are mutually attachable/detachable.

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10294/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : POWER SEMICONDUCTOR MODULE ELECTRICITY TRANSFORMER DEVICE AND RAILWAY CAR

(51) International classification :H01L25/07,H01L25/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/061265
Filing Date :01/07/2010
(87) International Publication No :WO 2012/001805 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TANAKA Takeshi

(57) Abstract :
Disclosed is a power semiconductor module comprising an element pair (62) which operates as the positive side arm of an electricity transformer device; and an element pair (64) which operates as the negative side arm of the electricity transformer device; both of which are configured by inverse parallel connecting Si MOSFETs and Si FWDs. The first and second element pairs (62 64) are configured as a 2 in 1 module housed in one power semiconductor module (60A) and are configured to further comprise terminals (S1 D2) that enable a serial connection between the element pairs (62 64).

No. of Pages : 57 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10295/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : INJECTION MOLDING DIE DEVICE FOR PRODUCING CABINET OF THIN DISPLAY DEVICE AND METHOD FOR PRODUCING CABINET OF THIN DISPLAY DEVICE

(51) International classification :B29C45/26,B29C45/78
(31) Priority Document No :2010-111852
(32) Priority Date :14/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/002680
Filing Date :13/05/2011
(87) International Publication No :WO 2011/142140 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUCHIKAWA Shunsaku

(57) Abstract :
Disclosed is a technology for an injection molding die device for producing a cabinet of a thin display device wherein even if a boss or rib is arranged on the rear surface of the cabinet the cabinet can be molded without generating a defect in the appearance of the front surface. The injection molding die device (1) is provided with a stationary side die (10) and a movable side die (20). In a cavity (40) a surface (42) formed on the movable side die (20) corresponds to a cabinet front surface (82) of a front cabinet (80). Further the stationary side die (10) is provided with a hot runner (30) arranged at a predetermined position and an injection port (32) attached to a position corresponding to the side surface end of a cabinet side surface (90).

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012
(21) Application No.10621/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : RECIRCULATING BALL GEAR

(51) International classification :B62D5/04,F16H25/24,F16H57/00
(31) Priority Document No :10 2010 029 266.4
(32) Priority Date :25/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/058462
Filing Date :24/05/2011
(87) International Publication No :WO 2011/147824
(61) Patent of Addition 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)SPEIDEL Gerd

(57) Abstract :
The invention relates to a recirculating ball gear in particular for a steering system of a motor vehicle comprising a nut (21) mounted in a housing by means of a bearing (20) wherein at least one spring element (24) is arranged at each end face of the bearing (20) between the bearing (20) and the housing. During operation the recirculating ball gear is subjected to impact in the axial direction as a result of which damage and annoying rattling noise can occur in the recirculating ball gear over time. The spring elements (24) are therefore operated according to the invention in the progressive range of a characteristic curve.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2011
(21) Application No.4102/CHE/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF INTERMEDIATES OF HMG-COA REDUCTASE INHIBITORS

(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)VAN VLIET, Michiel Christian Alexander
2)SCHOEVAART, Willem Robert Klaas

(57) Abstract :
The present invention relates to an improved process for the preparation of compound of Formula-II, which is an intermediate in the preparation of HMG-CoA reductase inhibitors. wherein X is hydrogen or hydroxy protecting group and R1 is carboxyl protecting group.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2012
(21) Application No.4217/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : INTERNET BASED PHONE

(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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(57) Abstract :
In this proposal the cell phone communication is based on the Internet packets, rather than the conventional cell-phone/telephone signals.

No. of Pages : 2 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2012
(21) Application No.4219/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : REDUCING STD/ISD BILLS TO LOCAL CALL BILLS

(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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1)K.R. BHARGAVA

(57) Abstract :
In the conventional telephone / cell-phone systems for transmitting the telephone/cell-phone signals the satellite(s) are used in part, in the case of the STD/ISD calls. But, in the proposed method the Internet is used for the signal transmission, in part.

No. of Pages : 2 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10397/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MULTI CARRIER NETWORK CONFIGURATION

(51) International classification :H04L1/00,H04W72/04
(31) Priority Document No :10360026.8
(32) Priority Date :18/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/002768
Filing Date :06/06/2011
(87) International Publication No :WO 2011/157365
(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)WONG Shin Horng

(57) Abstract :
A method of acknowledging receipt of a control message instructing a change in carrier configuration in a multi carrier wireless telecommunication network. The multi carrier wireless telecommunications network comprises a plurality of network nodes operable to simultaneously transmit and receive signals on more than one radio frequency carrier within a sector of the telecommunications network. The method comprises the steps of: receiving the control message encoding an acknowledgement of safe receipt of the control message transmitting the acknowledgement of safe receipt and a predetermined period after the transmission of the acknowledgement of safe receipt re transmitting the acknowledgement of safe receipt.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10398/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : POWER SAVING

(51) International classification :H04W52/02,H04W72/12,H04L5/00
(31) Priority Document No :10360027.6
(32) Priority Date :18/06/2010
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2011/002767
Filing Date :06/06/2011
(87) International Publication No :WO 2011/157364
(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 and network node operable to perform a method of controlling a carrier configuration of a network node in a multi carrier wireless telecommunication network. The multi carrier wireless telecommunications network comprises a plurality of network nodes operable to simultaneously transmit and receive signals on more than one radio frequency carrier within a sector of the telecommunications network. The method comprises the steps of: monitoring an indication data traffic received over a predetermined time period on each carrier to determine whether the data traffic received over the time period meets a predetermined set of conditions transmitting a request to deactivate each carrier determined to meet the conditions; monitoring for receipt of a positive response to the request and implementing deactivation for each carrier for which a positive response is received.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10399/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NEW POLYMORPHIC FORM OF IMATINIB BASE AND PREPARATION OF SALTS THEREOF

(51) International classification :C07D401/04,A61K31/505,A61P35/00
(31) Priority Document No :P201000181
(32) Priority Date :18/06/2010
(33) Name of priority country :Slovenia
(86) International Application No :PCT/EP2011/003025
Filing Date :17/06/2011
(87) International Publication No :WO 2011/157450
(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)GERMAN Tamara
5)VRECER Franc
6)VAJS Anamarija
7)SKRABANJA Vida

(57) Abstract :
The invention relates to a process for the manufacture of new polymorph of imatinib base the preparation of mesylate salt thereof and their inclusion into pharmaceutical compositions which have an improved stability and purity as well as processes for their preparation.

No. of Pages : 48 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2012
(21) Application No.3493/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : EMERGENCY PROFILE IN A MOBILE PHONE

(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)ROBERT BOSCH GMBH
(72)**Name of Inventor :**
1)ARTHI N

(57) Abstract :
The invention proposes a mobile phone with an emergency profile. The mobile phone comprises a monitoring means which switches to a second ring tone profile from a first ring tone profile on detection of an emergency situation. The monitoring means determines a situation as an emergency situation when the current profile of the mobile phone is the one to not generate an audio output for incoming calls and the number of missed calls from any one mobile phone exceed a predefined threshold and the said missed calls are made within a predefined time duration;

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2012
(21) Application No.3904/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : GENERATING POWER BY GUIDING HEATED SEA WATER IN THE PRIMARY BATTERY

(51) International classification :ho1m
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)R. VIGNESH

(57) Abstract :
The invention is an electric power generating system, comprising of one or more cells each having an anode, a cathode and an earthode. The electrolyte used to generate continuous electric power is sea water. Furthermore, the invention relates to a method for generating electric power by applying said system.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2012
(21) Application No.4241/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A METHOD AND A SYSTEM FOR COOLING LUBRICATION OIL

(51) International classification :F16n
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)BINDINGNAVALE RANGA KRISHNA KUMAR

(57) Abstract :
The various embodiments of the present invention provide a system for de-aerating and cooling lubrication oil. The system comprises a cooling unit assembly provided with in gear box housing. The cooling unit assembly comprises a plurality of rails provided inside the gear box housing. A plurality of drip trays is mounted by sliding over the plurality of rails. A plurality of coolant tubes is arranged in the plurality of drip trays. A mesh plate is arranged below the plurality of drip trays. The lubrication oil collected from a bottom of a gear mesh in the gear box housing is cooled by passing the collected lubrication oil over the plurality of coolant tubes. The cooled lubrication is passed through the mesh plate to remove any air bubbles trapped in the cooled lubrication oil.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2011
(21) Application No.2688/CHE/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF N-(3,5- DICHLORO PYRIDIN-4-YL) -3-CYCLOPROPYLMETHOXY-4- DIFLUOROMETHOXYBENZAMIDE

(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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2)MADHU ELEVATHINGAL NICHOLAS

(57) Abstract :
The present invention relates to a pharmaceutical composition of N-(3,5-dichloropyridin-4-yl)-3 -cyclopropylmethoxy-4-difluoromethoxy-benzamide, which is useful for the treatment of chronic obstructive pulmonary disease (COPD).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.4111/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A VERSATILE LASER RAZOR ARRANGEMENT

(51) International classification :a61b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A laser razor unit to accurately section a specimen without causing any damage to the specimen and reduce the time lag between biopsy and diagnosis. The laser razor unit comprises a closed chamber to facilitate sectioning of the specimen, a specimen holder within the chamber to hold and maneuver the specimen in different positions, at least one vacuum pump coupled to the specimen holder to hold the specimen by sucking action of the vacuum pump, a laser head firmly held within a laser head holder within the chamber to section the specimen, a specimen delivery system within the chamber to deliver the sectioned specimen outside the chamber, a display unit to display live video of the sectioning procedure, a camera within the chamber to capture images of the sectioning procedure, a lighting system within the chamber to illuminate the chamber and a control panel to control the sectioning procedure.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012
(21) Application No.4337/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SILVER NANO FORMULATIONS FOR DIAGNOSTICS AND THERAPEUTICS OF FOOT-AND-MOUTH DISEASE IN ANIMALS

(51) International classification :A61K39/00
(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 :
This inventive subject matter relates to novel nano silver formulation effective against foot-and-mouth disease when prepared with whole antigen and diagnostic formulation when functionalized with antibody . A process for producing a veterinary vaccine comprising attenuated foot-and-mouth disease virus functionalized to silver nanoparticles. A process for producing a veterinary vaccine comprising antibodies against the whole foot and Mouth virus and functionalized to silver nanoparticles. This invention relates to the production of vaccines from the available whole virus and antigens / antibodies from animals functionalized with silver maintained in a serum-free, chemically defined medium. More particularly, it relates to the functionalization of all seven major immunological types of foot-and-mouth disease virus adapted to the production of Nano formulation useful in the prevention and therapeutics of foot-and-mouth disease.Although this invention is exemplified with foot-and-mouth ;disease viruses, the process is applicable to other viruses. Any virus /antibodies can be used in the same manner and vaccine produced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012
(21) Application No.4338/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : LEVER SHIFTER CONTROL CABLE ASSEMBLY

(51) International classification :F16C11/00
(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)RAO MUKUND

(57) Abstract :
The assembly includes a casing having two halves defining a chamber there between and a lever shifter movably mounted between the two halves of the casing for pivotal movement, wherein the lever shifter configured for to and fro movement. The assembly has a roller-spring-sleeve unit operatively connected to the lever shifter for controlling the lever shifter. The assembly further has four numbers of snap fit units each comprising a flat spring configures into a U-shaped nylon molded part have been inserted into left and right covers to retain the casing to the panel. The assembly also has a cable assembly mounted on an abutment, wherein the abutment is housed within the casing by a snap fit and coupled to the lever shifter on one end and a control cable connected to the casing through the abutment through a hole in the casing on the other end.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2012
(21) Application No.3508/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : EXTENDED RELEASE PHARMACEUTICAL FORMULATIONS COMPRISING METFORMIN

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Swati Kumari
4)Deepak Kumar
5)Neeraj Suraj Kaul
6)Krishnamurthy Tatikonda
7)Shiva Kumar Mantri
8)Lingam Meka
9)Raja Kumar Seshadri
10)Raviraj Sukumar Pillai
11)Venkateswarlu Vobalaboina

(57) Abstract :
The present invention relates to a low weight extended release pharmaceutical formulation comprising metformin and at least one release rate controlling substance, and one or more other pharmaceutically acceptable excipients. The formulation of the present invention is also characterized by its small size. The processes to prepare such formulations are also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.4380/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SPECIALLY DESIGNED DEVICE FOR THE REMOVAL OF TEETH

(51) International classification :a61c
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DR. K. NAGA SRINIVAS

(57) Abstract :
Specially designed devices are mentioned which are use full in the removal of teeth from humans or animals. In contrast to conventional methods the tooth to be extracted is temporarily lengthened with various prefabricated crowns /posts/enclosures/inserts/attachments etc. These can be fixed to the teeth by various bonding / mechanical/ chemical /thermal methods. Once the tooth is sufficiently lengthened by this process this moves as one unit (en bloc) apply vibrations or figure of eight movement or linear actuating movements or any other movements at the distal most end of this unit. Due to most distal activation the amount of the pressure exerted on the tooth becomes more and extraction is facilitated. The mechanical advantage is more so initially apply mild vibrations and slowly increase the intensity of the vibrations or figure of eight movements. The bone which supports the tooth to be extracted is temporarily weekend by physical / chemical/ thermal / electrical methods. All this methods induce temporary acute inflammation in the supporting bone. This bone will yield easily to the extraction pressure. The chances of fracture of the teeth will become less. Placement of rubber separators /metal separators/wedges/ inflatable separators/saline infusion etc are example of the physical methods of temporarily weakening the bone or induce temporary acute inflammation in the bone. Using various drugs/ caustics/ inflammatory inducers are example of the chemical methods. Application of hot or clod are examples of thermal methods of inducing inflammation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.4381/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ALTERING THE SIZE, SHAPE, FORM OF THE BODY BY MAGNETIC METHOD

(51) International classification :A61B5/00
(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)K. NAGA SRINIVAS

(57) Abstract :
A device and method which changes/alters the size, shape, form, texture, consistency, surface characteristics of the individual body part, multiple parts or individuals is explained. The device can be in the form of bed, couch, table, sofa, chair, helmet, mask or any other form of furniture /equipment /device with magnetic field generating potential. The magnetic field can be from permanent/ temporary/ natural/ artificial/localized/generalized/electromagnetic/constant intensity/ variable intensity/low intensity/ high intensity /single location/ multiple location /combination /and or other in nature.. In one device it is from electromagnetic with intensity adjusting mechanisms in X Y Z axis directions. The subject should wear various out fits/enclosures like shoes, leggings, abdominal belts, shirts, thoracic belts, sleeves, neck wearings, caps, helmet etc to the part of the body which requires the treatment. The outfits/enclosures are attractable or repulsive to the magnetic field. The outfits can be, stitched/ weaved / coated /plated/incorporated with magnetic attracting/repulsive materials, or magnets or electro magnets. In one method the body parts are coated/ painted/ applied/sprayed with same materials. .The subject should wear the mentioned outfits and rest in/ on the bed, couch or other forms of the furniture... the outfits and the body parts enclosed with the outfits are subjected to the magnetic field in specified X Y Z axis directions .due to the attracting or repulsive force of the magnetic field one can notice the change in the measurements, size, shape and form of that particular body part or overall body in the desirable/planned way. The magnetic field application can be short time/ long time/ intermittent/ interrupted/ constant / short duration/ long duration etc depending the application and requirement. In another method the magnetic field is generated by the mentioned outfits and the furniture/equipment/device is coated with magnetic attracting / repulsive materials. The change in the size in measurement can be increase or decrease in the height, length, width, depth, consistency, surface quality of the individual body part/s or individual/s. The total treatment can be accessed planned ,executed ,monitored and evaluated by dedicated computer and software program .various other monitoring devices such as pulseoxymeter, sygmamanometer, ECG,EEG, sleep pattern analyzers multiparameters etc can be attached to the equipment and assessed the condition of the subject while undergoing the procedure and adjust the parameters treatment plan accordingly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10549/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : THERMOFORMED ARTICLE WITH HIGH STIFFNESS AND GOOD OPTICS

(51) International classification :C08F110/06,C08J5/22
(31) Priority Document No :12/819489
(32) Priority Date :21/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040536
Filing Date :15/06/2011
(87) International Publication No :WO 2011/163032
(61) Patent of Addition 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)KAARTO John
2)CHEN Linfeng
3)LEUNG Tak W.

(57) Abstract :
Disclosed are thermoformed articles composed of propylene homopolymer containing a substituted phenylene aromatic diester. The thermoformed articles have high stiffness good compression strength excellent processability and excellent optics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10550/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : CAPSULE DEVICE AND METHOD FOR PREPARING A BEVERAGE BY EXTRACTION

(51) International classification :B65D85/804
(31) Priority Document No :2004921
(32) Priority Date :18/06/2010
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2011/050442
Filing Date :20/06/2011
(87) International Publication No :WO 2011/159162
(61) Patent of Addition 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)ANDREAE Jan
3)PERRA Antonio Giuseppe
4)KLEP Mark Eric Anton Arthur

(57) Abstract :
The invention relates to a capsule for use in a device for preparing beverages. The invention also relates to an assembly of such a capsule and a device for preparing beverages. The invention further relates to a method for preparing beverages by making use of such an assembly.

No. of Pages : 32 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10551/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : CAPSULE DEVICE AND METHOD FOR PREPARING A BEVERAGE BY EXTRACTION

(51) International classification :B65D85/804
(31) Priority Document No :2004921
(32) Priority Date :18/06/2010
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2011/050443
Filing Date :20/06/2011
(87) International Publication No :WO 2011/159163
(61) Patent of Addition 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)ZWEED Sander Gordon
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3)PERRA Antonio Giuseppe
4)KLEP Mark Eric Anton Arthur

(57) Abstract :
The invention relates to a capsule for use in a device for preparing beverages. The invention also relates to an assembly of such a capsule and a device for preparing beverages. The invention further relates to a method for preparing beverages by making use of such an assembly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.4091/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR INTEGRATED CONTROL AND COMMUNICATION FOR A DISTRIBUTED CONTROL SYSTEM

(51) International classification :G05b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY LTD.
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(72)**Name of Inventor :**
1)ABHILASH G

(57) Abstract :
The invention relates to management of configuration for control application in control systems. A control system for a power plant comprising of plurality of controllers and plurality of network switches supporting communication with the plurality of the controllers is provided. At least one controller from the plurality of controllers is provided with one or more applications for control logic for process control in the power plant and for communication flow control affecting at least one configuration in at least one network switch. In another embodiment, the invention provides for at least one client station that is provided with one or more applications for control logic for process control in the power plant and for communication flow control affecting at least one configuration in at least one network switch.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012
(21) Application No.4092/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A SUBSTATION AUTOMATION SYSTEM FOR SEAMLESS SENSOR INTEGRATION

(51) International classification :H02J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)SUKUMARA T
2)SASI SR KUMAR

(57) Abstract :
A system for integrating the field devices with the intelligent electronic devices in the substation automation system where the field devices communicate to a gateway over a fieldbus network and the gateway communicates to the IEDs over a process bus network. A data object of a field device is modeled inside the IEDs which provide the various parameters of the field device in the IEDs and the parameters are transferred to the application components of the IEDs. A generic data object modeling is done to provide seamless integration of any number of sensors.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2009
(21) Application No.7049/CHENP/2009 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MEANS AND METHODS FOR CLASSIFYING SAMPLES OF MULTIPLE SCLEROSIS PATIENTS

(51) International classification :G01N33/50
(31) Priority Document No :07109468.4
(32) Priority Date :01/06/2007
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/NL08/50343
Filing Date :02/06/2008
(87) International Publication No :WO 2008/147206 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAN BAARSEN, ELISABETH GEERTRUIDA MARIA
2)STAHLECKER-VOSLAMBER, SASKIA
3)VERWEIJ, CORNELIS LAMMERT
4)POLMAN, CHRIS HUBERT

(57) Abstract :
The invention in one aspect provides a method for classifying cells from a human individual said method comprising: providing a sample comprising cells from said individual that are typically responsive to exposure to a type I interferon; determining a level of activity of a pathway that is modulated by type 1 interferon; and classifying said cells on the basis of the determined level of activity. Cells present in said sample are preferably cultured said cells in the presence of a type I interferon prior to determining a level of activity of said pathway. This is activity is preferably compared to the activity of said pathway in cells in said sample prior to said culture. Preferably the sample is from an individual that is not treated with a type I interferon prior to collecting said sample. Preferably the method is used to determine, prior to initiating treatment with a type I interferon, whether said individual is likely to be a good, a normal or a poor responder to the contemplated treatment.

No. of Pages : 50 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012
(21) Application No.10046/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : WIRE HARNESS AND METHOD OF ASSEMBLING THE SAME

(51) International classification :H02G3/04,B60R16/02
(31) Priority Document No :2010124966
(32) Priority Date :31/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/062425
Filing Date :30/05/2011
(87) International Publication No :WO 2011/152367 A1
(61) Patent of Addition 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 MOTOR CORPORATION
(72)**Name of Inventor :**
1)OGAWA Tatsuo
2)IKENO Masayuki
3)KATO Keisuke

(57) Abstract :
Provided are a wire harness and a method of assembling thereof wherein bulkiness of the wire harness before wiring thereof can be alleviated and the wire harness can be easily assembled to a shape in accordance with a wiring route. In a wire harness (11) wherein a plurality of cables (21a 21b) are bundled by a plurality of protectors (24A 24B 24C 24D) provided in the longitudinal direction of the cables with intervals interposed therebetween and wired along a wiring route on a vehicle body frame the cables (21a 21b) are held together as a bundle by the protectors (24A 24B 24C 24D) and bent between the protectors (24A 24B 24C 24D) by making the lengths of intervals between adjacent protectors (24A 24B 24C 24D) for each of the cables (21a 21b) to be different from each other.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012
(21) Application No.10049/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : POSACONAZOLE INTRAVENOUS SOLUTION FORMULATIONS STABILIZED BY SUBSTITUTED BETA CYCLODEXTRIN

(51) International classification :A61K31/715,A61K31/497
(31) Priority Document No :61/359701
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041715
Filing Date :24/06/2011
(87) International Publication No :WO 2012/005973
(61) Patent of Addition 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)HEIMBECHER Susan K.
2)MONTEITH David

(57) Abstract :
The present invention relates to aqueous solutions useful as pharmaceutical compositions of posaconazole for intravenous administration. These compositions include a solubilizing agent such as a modified cyclodextrin in an acidified solution which can also include a chelating agent such as disodium edetate (EDTA). In clinical trials a 200 mg posaconazole dose of the selected composition was found to achieve acceptable pharmacokinetic properties.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2012
(21) Application No.9938/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : DETECTION AND MODULATION OF SLIT AND ROUNDABOUNT (ROBO) MEDIATED LYMPH VESSEL FORMATION AND USES THEREOF

(51) International classification	:A61K39/395,A61K39/00,A61P35/00
(31) Priority Document No	:201010169208.8
(32) Priority Date	:30/04/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/073505
Filing Date	:29/04/2011
(87) International Publication No	:WO 2011/134420
(61) Patent of Addition 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)GENG Jianguo
2)CHEN Ming
3)YANG Xiaomei
4)CHI Shan

(57) Abstract :
The invention provides a method for preventing or treating a disorder mediated by a Slit protein which comprises administering to a subject a therapeutically effective amount of an agent for modulating or preventing interactions between the Slit protein and a Robo protein wherein the disorder involves lymph vessel formation. The invention further discloses a composition for preventing or treating a disorder mediated by the Slit protein and a method for prognosing or diagnosing a disease or disorder mediated by the Slit protein.

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2012
(21) Application No.4404/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN APPARATUS FOR ECONOMIC WASTE DISPOSAL, POWER AND REVENUE GENERATION

(51) International classification	:B09B3/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)DR. S. JAGANNATHAN**
(32) Priority Date	:NA	Address of Applicant :338, PRANAVENDU, 18TH MAIN,
(33) Name of priority country	:NA	AGS LAYOUT, AREHALLI, SUBRAMANYAPURA (PO)
(86) International Application No	:NA	BANGALORE - 560 061 Karnataka India
Filing Date	:NA	**2)DR. G. RAVINDRANATH**
(87) International Publication No	: NA	**3)MR. H N JAGADEESH**
(61) Patent of Addition to Application Number	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)DR. S. JAGANNATHAN**
(62) Divisional to Application Number	:NA	**2)DR. G. RAVINDRANATH**
Filing Date	:NA	**3)MR. H N JAGADEESH**

(57) Abstract :
A waste disposal system containing conveyors transfers waste articles from (domestic residential areas, Business etc.) areas to initial waste processing reaction apparatus for fragmenting the waste for further treatment by the system for treating and possibility of generating energy, and disposing of infectious waste articles in a adequate controlled, closed, aseptic environment and for converting such infectious waste articles into a safely disposable, non-infectious non-toxic residue of solid waste independent from disinfecting liquid waste. Green and solid particle separator places the articles in separate bins trough the conveyer in the land. From the Bins it is transferred to disposal process for industrial recycling. The disposal process is managed by the regulator like corporation through an electronic E-Commerce system contain the billing, acknowledge management and premium services at additional cost for the consumers. The conveyers in the dwellings are operated through the renewable energy and non-renewable in case of emergency, and also through regular convince systems like LIFT for operational.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2012
(21) Application No.9956/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MODULATION OF TRANSTHYRETIN EXPRESSION

(51) International classification :C12N15/11,C07H21/04
(31) Priority Document No :61/329538
(32) Priority Date :29/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/034661
Filing Date :29/04/2011
(87) International Publication No :WO 2011/139917
(61) Patent of Addition 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)MONIA Brett P.
2)FREIER Susan M.
3)SIWKOWSKI Andrew M.

(57) Abstract :
Provided herein are methods compounds and compositions for reducing expression of transthyretin mRNA and protein in an animal. Such methods compounds and compositions are useful to treat prevent delay or ameliorate transthyretin amyloidosis or a symptom thereof.

No. of Pages : 200 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2012
(21) Application No.4413/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : DEVELOPMENT OF A SCIENTIFICALLY PROVEN LOW COST, HUMAN FRIENDLY, FOOD COMMODITIES CLEANING FORMULATION

(51) International classification :A23L1/00
(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)D. MAYILVAGANAN

(57) Abstract :
The present invention describes about the method of making a food washing/cleaning formulation for fresh/cut vegetables, fruits, meat, poultry and seafood commodities before their consumption by mankind. This patent addresses the problem and attempt to provide the solution by providing a process for making a food wash formulation at a very low cost suitable and affordable by the people of low income countries thereby the product can be used by anyone on daily basis to safe guard their health against disease causing microbial pathogens and hazardous agro chemicals and other forms of toxins. The active ingredients are chosen in a way that they effectively cleans & lowers the heavily contaminated microbial load as well as to remove the residual chemicals associated with the plant and animal products used as food for their consumption. The active ingredients includes the powered form of food grade bentonite which has been conjugated with either of histidine or Chitosan with the property of adsorbing any positively charged agro chemicals, mycotoxins, dusts and the edible form of sodium per carbonate which effectively kills the microbes and decontaminate the animal and plant derived food product surfaces upon treatment for minimum of 20 minutes duration. The resulting wash with precipitated waste could be used in the garden plants since Bentonite, hydrogen peroxide and traces of pesticides are helpful in boosting the plant growth, soil fertility and considered as completely safe for man and his environment.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2011
(21) Application No.4301/CHE/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : TOPICAL OPHTHALMIC FORMULATION OF OLOPATADINE

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

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2)JAIN SACHIN
3)MHASKE AJAY
4)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :
The technical field of the present invention relates to anti-allergic topical ophthalmic solution of dibenzoxepin derivative. Particularly the present invention relates to an anti-allergic topical ophthalmic solution of olopatadine and its pharmaceutically acceptable salt.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.4371/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A METHOD FOR PLAYBACK OF AUDIO CONTENT

(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)ROBERT BOSCH GMBH
(72)**Name of Inventor :**
1)ARTHI NARASIMHAN

(57) Abstract :
The present invention discloses a vehicle entertainment system and method for playback of audio content from an external auxiliary device interfaced with a vehicle entertainment system. The vehicle entertainment system is adapted to fetch the audio content from the external auxiliary device and also retrieve any playback settings if tagged along with the content. The settings retrieved from the external auxiliary device are applied when the content is being played by the vehicle entertainment system. In case the external auxiliary device does not have any stored preferred settings, then the vehicle entertainment system observes the user settings over a period of time and generates and stores preferred settings for that audio content.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.4355/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : TAMPER EVIDENT CONTAINER ASSEMBLY

(51) International classification :B65D41/00
(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)BASF SE
Address of Applicant :67056, LUDWIGSHAFEN Germany
(72)**Name of Inventor :**
1)NISHMA PANDIT
2)GANESH VISHWANATHAN

(57) Abstract :
The invention is related to a container closure assembly comprising: - a container comprising at its open end a first neck portion having a screw thread for receiving a cap and below the first neck portion a second neck portion wherein the diameter of the second neck portion is larger than the diameter of the first neck portion and wherein a plurality of tabs or protrusions are arranged on the outer surface of the second neck portion, the tabs or protrusions extending outwards to engage tabs of a tamper evident seal ring; - a cap comprising a threaded part to engage the thread of the container, a plurality of tabs or protrusions arranged on an inner curved surface of the cap to engage a seal ring of a tamper evident seal and a groove extending from one side of the curved surface over the top surface area to the opposite side of the curved surface to receive a seal strap; and - a tamper evident seal comprising a seal ring comprising a plurality of tabs arranged on the inner surface of the seal ring to engage the tabs or protrusions of the second neck portion of the container, at least one tab to engage to tabs or protrusions of the cap, wherein the at least one tab is connected to the seal ring by breakable bridges, and a seal strap constructed such that in an assembled state the seal strap extends from one point of the seal ring over the cap to a point on the seal ring opposite to the first point, wherein the seal strap is received by the cap in a form fit connection.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012
(21) Application No.4333/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN IMPROVED INCUBATOR FOR INCUBATING EGGS

(51) International classification :A01K41/00
(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)ABDUL AZIZ K. M.

(57) Abstract :
An improved incubator which is detachable, ensuring hygiene , less chances of infection, ensuring higher rate of hatchability, which less power, ensures uniform distribution of heat, fully automatic, that every one hour the egg is turned, ensures higher hatchability, in which the humidity in the incubator is always maintained, and cost effective heat proof chamber is used an incubator which substantially surpasses the known efficacy of the exciting incubators.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2012
(21) Application No.4169/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : APPARATUS FOR SORTING BOBBINS

(51) International classification :B65H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)C. Rajendran
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4)G. Maheswaran

(57) Abstract :
An apparatus for sorting a plurality of bobbins (104) includes (i) a first sensor unit (106) that detects a first characteristic of the one or more of bobbins (104), (ii) a first ejection unit (108) that ejects a first set of bobbins from the one or more of bobbins (104) to a first collection unit, (iii) a second sensor unit (110) that detects a second characteristic of the one or more of bobbins (104) received from the first ejection unit (108), (iv) a second ejection unit (112) that ejects a second set of bobbins from the one or more of bobbins (104) to a second collection unit (124) and (v) a control unit (116) that is configured to control an operation of the first ejection unit (108) and the second ejection unit (112) based on the first characteristics and the second characteristics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.4365/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : VEHICLE BODY FRAME OF MOTORCYCLE

(51) International classification :B62K
(31) Priority Document No :2011-239428
(32) Priority Date :31/10/2011
(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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2)SAKASHITA, YOHEI

(57) Abstract :
[Object] An object of the present invention is to provide a technique which allows a reinforcement part to be easily installed also in a curved section of a frame including a curved portion on a longitudinal axis. [Solving Means] A vehicle body frame 11 of a motorcycle comprises a main frame 22 and rear frames 23L, 23R extending rearward from the main frame 22. The main frame 22 is a pressed frame formed in a rectangular tube shape by joining press-formed plates and includes a linear portion 27 extending linearly toward a rear of a vehicle and a curved portion 2 8 curvedly extending downward. The rear frames are the left rear frame 23L and the right rear frame 23R extending rearward and having front ends joined respectively to left and right surfaces of the curved portion 2 8 in a vehicle width direction. Reinforcement parts 51, 52 are laid across an inside of the curved portion 2 8 to be orthogonal to a longitudinal direction of the curved portion 28.

No. of Pages : 53 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012
(21) Application No.4323/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR TRANSMITTING PACKETS IN VIRTUAL NETWORK

(51) International classification :H04L29/00
(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)DHODY, DHRUV

(57) Abstract :
The embodiments of the present invention provide a method for transmitting packet in Virtual Network, the method comprising:receiving, by an access switch, a Layer 3 packet carrying a VNID (Virtual Network IDentifier)from a VM in a remote Data Center ;determining, by the access switch, a DN (Designated Node) corresponding to the VNID; generating, by the access switch, a Layer 2 frame according to the Layer 3 packet, where, the Layer 2 frame contains the MAC (Media Access Control) address of the DN; and transmitting, by the access switch to the DN, the Layer 2 frame according to the MAC address of the DN, such that the DN determines a Layer 3 destination address according to the Layer 2 frame.This could avoid packet flooding in Data Center when VM was migrated.

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10414/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : OPTIMIZATION OF STORAGE AND TRANSMISSION OF DATA

(51) International classification :G06F15/16,H04L9/00
(31) Priority Document No :12/818515
(32) Priority Date :18/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/039318
Filing Date :06/06/2011
(87) International Publication No :WO 2011/159517
(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)PFENNING Joerg Thomas

(57) Abstract :
The present invention extends to methods systems and computer program products for end to end optimization of data storage and transmission of data. Details of how data is stored within a data store are exposed to clients and applications. Clients and applications are enabled to makes requests to data stores to obtain data as it is actually stored upon within the data store to eliminate redundant processing of the requested data. Compression and de duplication of data within a data store are leveraged to increase the efficiency and reduce latency of data transmitted over a LAN or WAN.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10415/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : POLYMERS COMPRISING SACCHARIDE SIDE GROUPS AND USE THEREOF

(51) International classification :C08F220/28,C11D3/22,C11D3/00
(31) Priority Document No :10166409.2
(32) Priority Date :17/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/059987
Filing Date :16/06/2011
(87) International Publication No :WO 2011/157777
(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)KELLER Harald
2)REN Liqun
3)ETTL Roland
4)ESPER Claudia

(57) Abstract :
The invention relates to a water soluble or water dispersible copolymer containing units which can be embedded by polymerization a) of at least one ethylenically unsaturated monomer comprising a saccharide side group and b) at least one hydrophilic monomer that is different from (meth)acrylamide and ethylenically unsaturated wherein the percentage by weight of the ethylenically unsaturated monomers comprising a saccharide side group is 5 to 95 wt %. The copolymers exhibit high affinity to inorganic surfaces or hydrophilic fibers such as cotton. Said copolymers are used in textile detergents as polymers that are able to dissolve dirt and/or prevent graying or minimize the risk of the microbial colonization of materials coated therewith.

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2012
(21) Application No.4389/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : LINEAR MOTION MECHANISM AND ROBOT PROVIDED WITH THE LINEAR MOTION MECHANISM

(51) International classification :A44B
(31) Priority Document No :2011-278839
(32) Priority Date :20/12/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TADATAKA NOGUCHI
2)KENSUKE OHNI

(57) Abstract :
A linear motion mechanism includes a base portion; a guide member attached to the base portion; and a slider provided to slide along an axial direction of the guide member. The guide member is fastened to the base portion by a guide fastening member in a specified fastening direction substantially orthogonal to the axial direction, and is pressed by a guide pressing member in an orthogonal direction substantially orthogonal to both the axial direction and the fastening direction.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2012
(21) Application No.9656/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PUPIL CENTERED FOVEA FOCUSED OPTICS ASSEMBLY FOR INTRAOCULAR LENS

(51) International classification :A61F2/16,G02C7/04
(31) Priority Document No :1489/CHE/2010
(32) Priority Date :31/05/2010
(33) Name of priority country :India
(86) International Application No :PCT/IN2011/000340
Filing Date :16/05/2011
(87) International Publication No :WO 2011/151839
(61) Patent of Addition 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)MIRLAY Ram Srikanth

(57) Abstract :
A pupil centered fovea focused optics assembly for an intraocular lens (19) is provided. The assembly includes a ring platform (11) provided inside a capsular bag of a mammalian eye to support the intraocular lens. The optical center (16) of the intraocular lens is decentered with respect to the geometric center (15) of the intraocular lens to align the optical center of the lens with a visual axis of a pupil of the mammalian eye to improve the visual quality and to prevent an aberration. A plane of the intraocular lens is turned and tilted through a preset angle to point an optic axis of the intraocular lens to the fovea. The preset angle is calculated based on an overall diameter of the capsular bag a thickness of the ring platform a decentering direction and a decentering distance of the optical axis of the intraocular lens using a three dimensional scanning of the mammalian eye.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2012
(21) Application No.9660/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : BIOCATALYTIC OXIDATION PROCESS WITH ALKL GENE PRODUCT

(51) International classification :C07K14/21,C12P7/00,C12P7/04
(31) Priority Document No :10 2010 015 807.0
(32) Priority Date :20/04/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/053834
Filing Date :15/03/2011
(87) International Publication No:WO 2011/131420
(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)SCHAFFER Steffen
7)HAAS Thomas
8)SCHREWE Manfred
9)CORNELISSEN Sjef
10)ROOS Martin
11)H„GER Harald

(57) Abstract :
The invention provides a biocatalytic process for oxidation of organic compounds with the aid of an alkL gene product and microorganisms used in this process.

No. of Pages : 51 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012
(21) Application No.10037/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ROTARY KILN AND METAL RECOVERY METHOD

(51) International classification :F27B7/20,B09B3/00,C22B7/04
(31) Priority Document No :2010157877
(32) Priority Date :12/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065894
Filing Date :12/07/2011
(87) International Publication No :WO 2012/008453
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AGAWA Ryuichi
3)YANO Masakazu
4)FUJIKAWA Mitsuyoshi

(57) Abstract :
Disclosed is a rotary kiln provided with a rotary furnace in which an object to be treated containing a metal is burnt an electric furnace which is connected to the rotary furnace via a connecting portion and which separates the metal from the molten material of the object to be treated which is burnt in the rotary furnace by electrical heating and a reductant supply means for supplying a reductant to the electric furnace.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2012
(21) Application No.4214/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : UNPACKING DEVICE AND METHOD

(51) International classification	:B65D
(31) Priority Document No	:2011-244423
(32) Priority Date	:08/11/2011
(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

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(72)**Name of Inventor :**
1)KAZUYA GOMI

(57) Abstract :
An unpacking device (100) unpacks a package and takes out contents. The package includes a primary package (3) formed by packing the contents with a primary packing material and a secondary package (5) formed by packing the primary package (3) with a secondary packing material. The secondary packing material of the secondary package (5) has an incision (8). The unpacking device (100) includes a robot (10), and a control unit (110, 120) for controlling the robot (10) such that the robot (10) takes out the primary package (3) through the incision (8) of the secondary packing material and then takes out the contents from the primary package (3).

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2012
(21) Application No.9639/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ISOLATING A TARGET ANALYTE FROM A BODY FLUID

(51) International classification :G01N33/553
(31) Priority Document No :61/326588
(32) Priority Date :21/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/033184
Filing Date :20/04/2011
(87) International Publication No :WO 2011/133630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ADAMS Eddie W.
3)DRYGA Sergey A.

(57) Abstract :
The invention generally relates to using magnetic particles and magnets to isolate a target analyte from a body fluid sample. In certain embodiments methods of the invention involve introducing magnetic particles including a target specific binding moiety to a body fluid sample in order to create a mixture incubating the mixture to allow the particles to bind to a target applying a magnetic field to capture target/magnetic particle complexes on a surface and washing with a wash solution that reduces particle aggregation thereby isolating target/magnetic particle complexes.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10408/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ELECTRONIC STROKE SENSOR FOR AIR DISC BRAKE

(51) International classification :F16D66/00
(31) Priority Document No :61/356325
(32) Priority Date :18/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040895
Filing Date :17/06/2011
(87) International Publication No :WO 2011/160028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RINK Richard J.
3)CHANDLER Mark David
4)SINGLETARY Glenn
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6)LEPARD Steve
7)PRAGER Christopher

(57) Abstract :
A vehicle brake monitor assembly for an air disk brake includes a brake actuator having a pushrod projecting from inside a chamber of said brake actuator. The pushrod releasably actuates a lever arm of a caliper thereby moving the disk brake into a braking position when the pushrod is in an extended position and releasing the disk brake from the braking position when the pushrod is in a retracted position. The pushrod includes a pushrod shaft and a contact member biased in a telescoping relationship relative to the pushrod shaft and the lever arm of the caliper abuts the contact member counteracting the bias of the contact member. A sensor is integrated with the assembly proximate the contact member and detects movement of the pushrod relative to the lever arm and to the pushrod shaft.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10409/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PROCESS FOR PREPARING AN ORTHO SUBSTITUTED 5 HALOPHENOL AND A SYNTHESIS INTERMEDIATE THEREOF

(51) International classification	:C07C309/12,C07C41/01,C07C43/253
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/CN2010/072947 :19/05/2010
(87) International Publication No	:WO 2011/143819
(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 :
Disclosed a process for preparing a phenol ortho substituted by an electron donating group and protected in the form of a sulphonic ester which comprises reacting a phenol ortho substituted by an electron donating group with a sulphonylating agent in the presence of an effective amount of a Lewis acid and a process for preparing a 5 halophenol ortho substituted which comprises a firste step of preparing a phenol ortho substituted by an electron donating group and protected in the form of a sulphonic ester as described above a second step of halogenating the protected phenol intermediate obtained in the preceding step in the position para to the electron donating group and a third step of deprotecting the sulphonic ester function to hydroxyl

No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2012
(21) Application No.4392/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : EXHAUST SYSTEM FOR A MOTORCYCLE

(51) International classification :B62K25/00
(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)NITIN KUMAR
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5)VAIDYANATHAN BALAJI

(57) Abstract :
Present invention provides an exhaust system for a motorcycle which is secured below the engine ensuring the centre of gravity in the centre line of the motorcycle. Said exhaust system has one primary chamber and one secondary chamber in which primary chamber is connected to the exhaust port of the engine through a primary pipe and the secondary chamber is connected to the primary chamber through a secondary pipe. Said secondary chamber also has a main exhaust exit for exit of purified exhaust air into atmosphere. Mentioned chambers are secured in same horizontal plane below the engine such that the exhaust system forms the same of numeral 2 from side view.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012
(21) Application No.9437/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ORTHOPEDIC FIXATION WITH IMAGERY ANALYSIS

(51) International classification :A61B17/62,A61B17/66,A61B19/00
(31) Priority Document No :1008281.6
(32) Priority Date :19/05/2010
(33) Name of priority country:U.K.
(86) International Application No :PCT/US2011/037128
Filing Date :19/05/2011
(87) International Publication No :WO 2011/146703
(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)NIKONOVAS Arkadijus

(57) Abstract :
Methods of orthopedic fixation and imagery analysis are provided. Images of first and second bone segments attached to a fixation apparatus are captured. Fixator elements identified in the images can be used to obtain imaging scene parameters. Bone elements identified in the images can be used with the imaging scene parameters to reconstruct a three dimensional representation of positions and/or orientations of the first and second bone segments with respect to the fixation apparatus.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2012
(21) Application No.9899/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : NOVEL 7A HYDROXYSTEROID DEHYDROGENASE KNOCKOUT MUTANTS AND USE THEREOF

(51) International classification :C07K14/245,C12P33/00,C12P33/06
(31) Priority Document No :10164003.5
(32) Priority Date :27/05/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/058711
Filing Date :27/05/2011
(87) International Publication No :WO 2011/147957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRAUN Michael
3)LIU Luo
4)AIGNER Arno
5)WEUSTER BOTZ Dirk

(57) Abstract :
The invention relates to novel microbial 7a hydroxysteroid dehydrogenase (7a HSDH) knockout mutants and to the use thereof for producing other HSDHs having various functionalities such as 3a 7 or 12a HSDH and to the use of thus produced HSDH enzymes in enzymatic reactions of cholic acid compounds and in particular for producing ursodeoxycholic acid (UDCS). The invention relates in particular to novel methods for synthesizing UDCS.

No. of Pages : 117 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2011
(21) Application No.4144/CHE/2011 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1H-BENZIMIDAZOLE-2-BUTANOIC ACID, 5-[BIS(2-CHLOROETHYL)AMINO]-1-METHY1-MONOHYDROCHLORIDE

(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
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2)MUPPA KISHORE KUMAR
3)NIMMALA SRINIVAS RAO

(57) Abstract :
The present invention relates to an improved process for the preparation of 1H- Benzimidazole-2-butanoic acid, 5-[bis(2-chloroethyl)amino]-l -methyl-, monohydrochloride represented by the following structural formula-1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2012
(21) Application No.4145/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : USER FRIENDLY SOIL CEMENT BLOCK MACHINE

(51) International classification :E02D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)V. SURESH KUMAR
2)MANAS RANJAN MISHRA
3)H.S. LOHIT

(57) Abstract :
According to one aspect of the present invention, a soil cement block is provided to improve ergonomics and usability. The main application of the proposed machine is to manufacture soil cement blocks of required shape and density. The mechanism of the machine is in such a way that it has the capability to increase the productivity with in a definite time period. The human effort required to give the compaction force is nil. The machine can produce the proper compressive strength block. Cycle time of the machine has been standardized (40 Sec) so that the time required to manufacture the entire block will get reduced. Because of its compact size, the transportation (loading & unloading) of the machine will be easily carried out.

No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.4377/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : RECESSED TAB FOR HIGHER ENERGY DENSITY AND THINNER BATTERIES

(51) International classification :H01M
(31) Priority Document No :11186091.2
(32) Priority Date :21/10/2011
(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)SUTARWALA TAHA SHABBIR HUSAIN
2)RICH DAVID GERARD

(57) Abstract :
Various embodiments are described herein for an electrode assembly for a battery and a method of making the electrode assembly. The electrode assembly comprises an active material layer having a recess formed therein at an outer surface of the active material layer, the recess extending from a side facet of the active material layer toward an interior portion of the active material layer;a current collector layer supported on and in electrical contact with the outer surface of the active material layer; anda tab element supported partially within the recess and in electrical contact with at least one of the active material layer and the current collector layer, the tab element being adapted to provide an electrical connection for the electrode assembly.

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2012
(21) Application No.9942/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHOD AND SYSTEM FOR ACCURATE ALIGNMENT AND REGISTRATION OF ARRAY FOR DNA SEQUENCING

(51) International classification :C40B20/02,C40B40/06
(31) Priority Document No :61/330130
(32) Priority Date :30/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/034178
Filing Date :27/04/2011
(87) International Publication No :WO 2011/137183
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMPLETE GENOMICS INC.
Address of Applicant :2071 Stierlin Court Mountain View California 94043 U.S.A.
(72)**Name of Inventor :**
1)STAKER Bryan P.

(57) Abstract :
In a genome sequencing system and methodology a protocol is provided to precisely and accurately align and register an image of a planar array of nanoballs for optical analysis. Minimization techniques and Moire averaging are used to correct or errors In subperiod x y offset scale and rotation. In Moire averaging magnification is set so that the pixel period of the imaging element is a noninteger multiple of the site period. Accurate registration is achieved by providing for pre defined pseudo random sets of sites where nanoballs are prevented from attachment to the substrate so that the sites of the array can be used in a pattern matching scheme as registration markers for absolute location identification. Information can be extracted with a high degree of confidence that it is correlated to a known location while at the same time the amount of information that can be packed on a chip is maximized.

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10537/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : METHODS AND APPARATUS FOR REMOVING FLUID FROM VALVES

(51) International classification :F16K27/02
(31) Priority Document No :12/786119
(32) Priority Date :24/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/036853
Filing Date :17/05/2011
(87) International Publication No :WO 2011/149719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES INC.
Address of Applicant :310 East University Drive Mckinney TX 75070 U.S.A.
(72)**Name of Inventor :**
1)DECKER Trent

(57) Abstract :
Methods and apparatus for removing fluid from fluid valves are described. An example apparatus for controlling fluid flow includes a fluid regulator (302) having a body (306) defining an inlet port (308) an outlet port (310) and an aperture (312) therebetween. The body (306) further defining a bore (318) fluidly coupled to a valve (304) and at least one of the outlet port (310) or the inllet port. The valve is to enable fluid contained within the body to be removed therefrom.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10539/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : KIT OF PARTS FOR TREATING AND/OR PREVENTING CUTANEOUS ULCERS

(51) International classification :A61K36/47,A61K36/61,A61P17/02
(31) Priority Document No :MI2010A000953
(32) Priority Date :27/05/2010
(33) Name of priority country:Italy
(86) International Application No :PCT/IB2011/001137
Filing Date :25/05/2011
(87) International Publication No :WO 2011/148257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LOGI Roberto
Address of Applicant :Via Sant Ilario a Colombaia 2 I 50124 Firenze Italy
(72)**Name of Inventor :**
1)LOGI Roberto

(57) Abstract :
The present invention regards a kit of parts for treating and/or preventing cutaneous ulcers preferably chronic ulcers such as for example decubitus ulcers even more preferably trophic ulcers of the lower limbs and for treating and/or preventing cutaneous ulcers caused by the Herpes simplex virus preferably lip ulcers or cutaneous ulcers that occur in form of Herpes zoster (shingles) comprising a Croton lechleri resin extract and Melaleuca alternifolia essential oil.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/10/2012
(21) Application No.4398/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : TONER COMPOSITION

(51) International classification :G03G
(31) Priority Document No :13/280,331
(32) Priority Date :24/10/2011
(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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2)ASARESE, DANIEL, W.
3)SWEENEY, MAURA, A.
4)BAYLEY, ROBERT, D.
5)MANG, MARK, E.

(57) Abstract :
A toner is described containing low melt wax and having a core and shell, which toner exhibits improved fusing performance as compared to a toner produced with a high melt wax in the core; having a core resin with a Tg equal to or lower than that of the shell resin; or both.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2012
(21) Application No.10065/CHENP/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SEATING STRUCTURE WITH A CONTOURED FLEXIBLE BACKREST

(51) International classification :A47C7/46
(31) Priority Document No :61/323635
(32) Priority Date :13/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/032106
Filing Date :12/04/2011
(87) International Publication No :WO 2011/130264 A1
(61) Patent of Addition 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)RECOR Bret
3)EDAHIRO Naoya
4)LI Qin
5)KURRASCH Andrew J.
6)HILL Christopher C.
7)MATTHAI John
8)WALKER Brock

(57) Abstract :
A seating structure includes a backrest member having an upper edge opposite side edges and a lower edge. The backrest member has a forwardly facing convex shape formed along a vertical centerline thereof between the upper and lower edges. The lower edge has a forwardly facing concave shape. The lower edge has outer portions positioned forwardly of an entirety of the upper edge.

No. of Pages : 52 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2012
(21) Application No.4434/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : CIRCUIT FOR AUTOREGULATING THE OSCILLATION FREQUENCY OF AN OSCILLATING METHANICAL SYSTEM AND DEVICE INCLUDING THE SAME

(51) International classification :B23K
(31) Priority Document No :01741/11
(32) Priority Date :28/10/2011
(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

(71)**Name of Applicant :**
1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD.
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(72)**Name of Inventor :**
1)WILLEMIN, MICHEL
2)MARTIN, JEAN-CLAUDE

(57) Abstract :
The autoregulating circuit (10) regulates the oscillation frequency of an oscillating mechanical system, such as a balance having a balance spring. A piezoelectric element (23) is mounted on the oscillating balance spring to generate an alternating voltage (VP) and connected to the autoregulating circuit, which rectifies the alternating voltage and regulates the alternating voltage frequency. The rectified voltage is stored in a capacitor (Cc) to power the autoregulating circuit. The autoregulating circuit includes an oscillator stage (15) connected to a MEMS resonator (16) for supplying a reference signal (VR), a means for comparing the frequency of the alternating voltage to the reference signal frequency, and a frequency adaptation unit (18) for supplying a frequency adaptation signal (VA) to the piezoelectric element according to the result from the comparison means, to regulate the oscillation frequency of the balance. The electronic components of the autoregulating circuit form a single electronic module.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.4341/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : WEB BASED TECHNOLOGY PLATFORM FOR INVESTMENT IN COMPETITIVE EVENTS

(51) International classification :G06Q40/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DEVAJI PRADEEP REGE
(72)**Name of Inventor :**
1)DEVAJI PRADEEP RAGE

(57) Abstract :
The present invention provides a method and system for inviting participation for investment through web based technology platform to the subscribed Users to participate and invest and further win or lose the event through electronic devices such as computer, mobile phone, mobile tab or any form of electronic device having internet facility. More preferably, the present invention is a web based exchange platform where events are hosted and individuals participate by intelligently deciding the outcome of the same. It could be an individual event or collection of events.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.4342/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : CONTROLLING METHOD OF MACHINE RESTARTING PROGRAM OF A TEXTILE MACHINE

(51) International classification :D01H1/00
(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)GOVIDARAJULU MANI
2)PURUSOTHAMAN SURESH
3)SRINIVASAN RAJASEKARAN
4)CHENNAIYAN BADHRINATH

(57) Abstract :
An improved controlling method of machine restarting operation of a textile ring spinning and twisting machine comprising raising the ring rail from the underwinding position (101) to the upper position (103), lowering downwards to a down position (105) for normal cop building sequence. The ring rail is stopped at a preset point (104) for starting the rotation of the spindle and the downward movement of the ring rail is resumed after the spindle speed reaches a preset limit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.4345/CHE/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A PROCESS FOR PREPARING DEHYDRATED FRUIT BAR FROM PRICKLY PEAR FRUITS (OPUNTIA FICUS INDICA) AND PRODUCT THEREOF

(51) International classification	:A23L1/00	
(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)SUCHARITHA KUMARAM VENKATA
3)SYAMALA BOREDDY
4)ESWARA REDDY NARREDDY PEDDANARAPAGARI
5)KALEEMULLAH SHAIK

(57) Abstract :
The present invention discloses a process for preparing dehydrated fruit bar from Prickly Pear Fruits (Opuntia ficus indica) and product thereof. The process involves harvesting Prickly Pear Fruits (Opuntia ficus indica) with predetermined TSS and acidity value followed by deharing and dethorning the fruit to remove glochids and thorn. Then the fruit is blanched in warm water at 60°C for 5 min and pulping of the fruit is carried out by partial cooking of pulp (PCP) method at 65°C for 20 min to obtain a pulp. Subsequently the fruit pulp is pasteurized at 70°C for 15 min for the destruction of microorganism. Then the TSS value, acidity value and consistency is adjusted by adding jagarry, citric acid and papaya pulp extract respectively. After that the pulp was filtered and sheeting is carried out by making the pulp into sheet with predetermined thickness. Finally the sheeted pulp is dried at 60°C for 18 hrs and the dried pulp is cut into small bars to obtain the dehydrated Prickly Pear (Opuntia ficus indica) fruit bar.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012

(21) Application No.1197/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN IMPROVED METHOD FOR CHROME TANNING MITHUN HIDES

(51) International classification :C14C3/00
(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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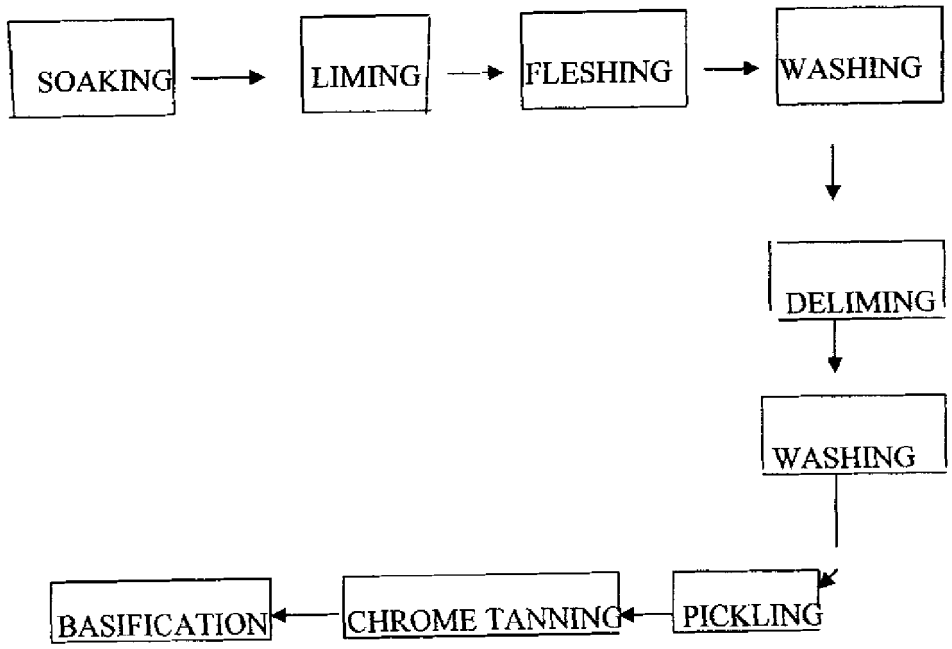
2)DR. CHANDAN RAJKHOWA
3)DR. KISHORE KUMAR BARUAH
4)DR. KRUSHNA CHANDRA DAS
5)DR. SANJOY CHAKRABORTY
6)PROF. GOPAL KRISHNA BISWAS
7)DR. BUDDHADEB CHATTOPADHYAY

(57) Abstract :
An improved method for chrome tanning of mithun hides comprising: subjecting the Mithun hides and skin to the step of soaking in a bath coating; wetting agent and depilatory agent; liming the soaked skin and hides in slaked lime and sodium sulfide; subjecting the lime pelt to the step of fleshing; tanning the fleshed pelts with basic chrome sulfate.



No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1220/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL FORMULATION FOR INDIGESTION, ACIDITY, COLLIE PAIN AND THE PROCESS OF PREPARING THE SAME.

(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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(72)**Name of Inventor :**
1)PAWAN KUMAR PAREEK

(57) Abstract :
The present invention relates to a novel synergistic herbal formulation for Indigestion, Flatulence, Acidity etc. More particularly, the present invention relates to herbal formulation for Indigestion, Flatulence, Acidity etc is prepared by using 600 g of mixture A (Trifala, Virang, Dry ginger, Piper, Kutakey etc) and 400 g of mixture B (roasted Cumin seed, roasted Clove, roasted Karum cheerakam (kalaunjee), roasted Ajwaine etc) and four types roasted salts and Some roasted spices for flavor and Sour and sweet for taste. Moreover this invention relates to the process for the preparation of the above composition.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1221/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL FORMULATION FOR DIABETES AND THE PROCESS OF PREPARING THE SAME.

(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PAWAN KUMAR PAREEK

(57) Abstract :
The present invention relates to a novel synergistic herbal formulation for diabetes. More particularly, the present invention relates to herbal formulation for diabetes prepared by using roasted Buck wheat (Methy), Black berry stone, roasted Bitter guard seed, roasted Mango Stone, Anantmool, roasted Ajwaine, Tinospora cordifolia (Giloy), Garlic, roasted Karum cheerakam (kalaunjee) , roasted Black pepper , Myrobalan Mint, roasted Dry Ginger, White ketaky (Nayantara), Starthron (Kulekhara), Neem , Sahjan , Lemon , Papaya (Raw), Tomato , Radish , Cucumber. Moreover this invention relates to the process for the preparation of the composition containing the above ingredients in a particular ratio.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013
(21) Application No.1168/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : INTAKE DEVICE HAVING BYPASS LINE

(51) International classification	:F02M 35/00
(31) Priority Document No	:101220222
(32) Priority Date	:19/10/2012
(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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(72)**Name of Inventor :**
1)CHANG NIEN-I
2)HUANG CHIH-WEI
3)CHANG HUI-TING

(57) Abstract :
An intake device having a bypass line, incorporated with an engine of a motorcycle and arranged between a cylinder head and an air cleaner, includes an intake pipe, a fuel injection nozzle, a bypass line, and a bypass control valve. The intake pipe accommodates a throttle, where the throttle divides the intake pipe into an intake manifold and an intake main part. The fuel injection nozzle is arranged on the intake manifold adjacent to an intake passage of the cylinder head. The bypass line includes a bypass inlet and a bypass outlet. The bypass inlet is communicated with the intake main part, and the bypass outlet is communicated with the intake passage and apart from an intake valve of the cylinder head a predetermined distance. The bypass control valve is arranged on the bypass line. Thereby, the air introduced through the bypass line will incur turbulence on the air inside the cylinder head and thus result in a vortex effect. This will increase kinetic energy of the engine and uniform distribution of atomization of air-fuel mixture such that the air-fuel mixture burns quickly and stability of the engine can be enhanced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2013
(21) Application No.652/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : LAMINATED BUSBAR FOR POWER CONVERTER AND THE CONVERTER THEREOF.

(51) International classification :H02M 7/00
(31) Priority Document No :201210403971.1
(32) Priority Date :22/10/2012
(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)LI, YAN
2)GAN, HONGJIAN
3)WEN, SENLIN
4)YING,JIANPING

(57) Abstract :
The present application discloses a laminated busbar arrangement for use in a three-level power converter and a power converter. The laminated busbar arrangement comprises a first layer of busbar comprising a neutral-point sub busbar congfigured to make electrical connections between respective components in the three-level power converter and a neutral-point potential; a second layer of busbar comprising a plurality of sub busbars congfigured to make electrical connections between the respective components in the three-level power converter and a positive direct current (DC) input, a negative DC input and an alternating current(AC) input/output in the three-level power converter, and between respective semiconductor switching components. The present application may effectively reduce stray inductance.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012
(21) Application No.1176/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A TOPICAL HERBAL DENTAL COMPOSITION FOR USE IN TREATING TOOTH INFECTION

(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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(72)**Name of Inventor :**
1)BORO, BIBARI

(57) Abstract :
This present invention, in general relates to a dental care composition. In particular, the present invention relates to a topical herbal dental composition for use in treating tooth infection in a subject in need thereof comprising of terminal bud of Commelina benghalensis and bark of Musa balbisiana. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012
(21) Application No.1177/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN ORAL HERBAL EXTRACT COMPOSITION FOR USE IN TREATING CEREBRAL MALARIA

(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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(72)**Name of Inventor :**
1)HIRA, Bhula

(57) Abstract :
The present invention relates to an oral herbal composition comprising of therapeutically effective amount of an extract of leaves of Clerodendron infortunatum, Centella asiatica, Oxalis corniculata and bark of Alstonia scholaris for use in treating malaria in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013
(21) Application No.871/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : MOTOR VEHICLE SEAT BACK STRUCTURE

(51) International classification	:B62D 21/00
(31) Priority Document No	:2012-232132
(32) Priority Date	:19/10/2012
(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)HABA MAKOTO

(57) Abstract :
A motor vehicle seat back structure includes a seat back frame (6), a core (5) that is mounted to the seat back frame from the front side and is formed of a semihard foaming material, and a pad (4) that is mounted so as to cover the core from the front side and is formed of a soft foaming material, and in the state in which a seat back is folded to the front, the back surface thereof can be used as a cargo room floor surface. On the front surface of the core, a depressed groove (50) having an arcuate transverse cross section, which vertically extends, is formed in a central portion corresponding to the passengers back in the final shape of the seat back. On the back surface side of the pad is formed a ridge (43) having an arcuate transverse cross section to engage with the depressed groove.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2012
(21) Application No.1190/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF HIGHLY METALIZED DIRECTLY REDUCED IRON (DRI) FROM WASTE IRON ORE FINES

(51) International classification :C21B13/00
(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)S. GHORAI
4)C RAHUKUMAR
5)D P CHAKRABORTY
6)Y.RSJSEKHAR
7)T VENUGOPALAN

(57) Abstract :
A process for the production of highly metallized Directly Reduced Iron (DRI) comprising: subjecting the waste iron ore to the step of grinding; pelletizing the grinded ore to form pellets; removing the moisture content from the pellets to give strength to the pellets ranging between 8 to 15 N; grinding the waste carbonaceous materials to be used as a reducing agent; mixing the pellets and grinded waste carbonaceous materials in a ratio ranging between 2:1 to 10:7; subjecting the pellets to the step of reduction, heating; cooling the pellets in reducing atmosphere to avoid the reoxidation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013
(21) Application No.1191/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : TONER, DEVELOPMENT AGENT, TONER CONTAINER, AND IMAGE FORMING APPARATUS

(51) International classification :G03G 9/00
(31) Priority Document No :2012-235027
(32) Priority Date :24/10/2012
(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)MASAYUKI ISHII
2)TOYOSHI SAWADA

(57) Abstract :
Toner contains a mother toner particle containing a binder resin and a colorant and an external additive containing a resin particle to cover the mother toner particle, wherein the resin particle has an outer shell layer formed of silica or modified silica and the resin particle has an outer shell layer and a non-spherical form having a shape factor (SF) of 1.20 or greater as calculated by the following relationship 1, Shape factor (SF) = [(Absolute maximum length of particle)2 / Projected area of particle)] — (π/4) Relation 1

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2013
(21) Application No.542/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : FAN ASSEMBLING STRUCTURE AND HEAT DISSIPATING DEVICE

(51) International classification :F04D 29/00
(31) Priority Document No :201210409085.X
(32) Priority Date :23/10/2012
(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)LI, WEIGUO
2)BA,ZHICHAO

(57) Abstract :
The invention provides a fan assembling structure and a heat dissipating device. The fan assembling structure comprises a first assembling board for assembling a fan thereon and a second assembling board connected to the first assembling board, the fan comprising a frame and blades disposed in the frame assembled to the first assembling board, the frame having an upper board, a lower board and a circular connector connected between the upper board and the lower board, the lower board including a first side edge, a second side edge, a third side edge and a fourth side edge in sequential connection.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1200/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A NEW POLYMER SUPPORTED ZIEGLER-NATTA CATALYST FOR ETHYLENE POLYMERIZATION IN SLURRY PROCESS.

(51) International classification :C08F2/00
(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)SWAPAN KUMAR DOLUI
(72)**Name of Inventor :**
1)AMARJYOTI KALITA
2)SWAPAN KUMAR DOLUI

(57) Abstract :
Successful poly(styrene-co-methyl methacrylate) supported titanium based Ziegler- Natta catalysts have been prepared by varying the weight ratio of TiCl4 and polymer. The catalysts have been characterized by XPS, FT-IR, UV-visible spectroscopy, XRD, pH meter, TGA and SEM-EDX. The catalysts are found to be stable upto 100 °C. Supported catalyst was used for ethylene polymerization at 50 °C under atmospheric pressure in slurry process. The catalytic activity is found to be in the range of 0.6-1.01 kg of polyethylene (PE)/g Ti/h and the catalytic activity depends on the optimum level of Ti content. The molecular weight (M w) of PE is in the range of 237,300-275,600 g/mol. Poly(styrene- co- methyl methacrylate) supported Ziegler-Natta catalysts (SMT1- SMT3) are stable upto 80 days without losing its catalytic activity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1201/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A METHOD FOR ENHANCING ANTIMICROBIAL ACTIVITY OF PLANT AND BACTERIA DERIVED HUMAN BETA DEFENSIN-1 (HBD-1) AND HUMAN BETA DEFENSIN-2 (HBD-2).

(51) International classification :A61K38/1709
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(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)NRISINGHA DEY
2)SOUMITRA MAITI
3)SUNITA PATRO

(57) Abstract :
A method for the production of human beta defensin 1 & 2 (HBD-1 and HBD-2) in plant and bacterial cells having antimicrobial activity comprising the steps of: molecular cloning of HBD-1 and HBD-2 in plant expression vector comprising efficient plant promoter, molecular cloning of HBD-1 & HBD-2 in bacterial expression vector to express as fusion protein; subjecting the clones of transgenic plant & bacteria to the step of characterization; enriching plant derived recombinant proteins; purifying the bacteria derived HBD-1 and HBD-2; determining the antibacterial activity of plant and bacteria derived HBD-1 and HBD-2 individually and in combination; synergistic antimicrobial activities were observed for both plant/ bacteria derived HBD-1 and HBD-2 when they were used in combination.

No. of Pages : 34 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012

(21) Application No.1202/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AUTOMATIC FAN SPEED REGULATOR.

(51) International classification :H05K7/20
(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)SINGH GOUTAM KUMAR

(57) Abstract :
A device is useful for controlling the speed of a fan, with change in atmospheric or room temperature, is disclosed. In Figure 1, points number 3 to 13 shows the different points of connection through which current passes. Point 1 shows the mercury container, point 2 shows the vertical column, point 14 shows the SENSOR assembly, point 15 shows the source of power supply and point 16 shows the electric fan. In the Figure 2A and 2B, the built up device is shown. Point 1 show the sensor,point 2 is the Resistance box, point 3 - Insulator, point 4 - internal wirings point 5 - Ventilated casing, point 6 - power in, point 7 - power out, point 9 - regulator knob, point 10- on/off switch,point 8-clamp for fitting.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1203/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : SPEED LIMITING SERVICE FOR AUTOMOBILE/ VEHICLE

(51) International classification :B60K31/04
(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 GOUTAM KUMAR

(57) Abstract :
A device is useful for limiting/ controlling the maximum speed of an automobile / vehicle is disclosed. In Figure 1,Point no. 7 shows the accelerator pedal of the vehicle, point 8 - the device fitted to the vehicle, point 14 - drivers right leg, point 15 - drivers seat, point 16 - steering wheel. In figure 2, point numbers 1 to 6 shows the different positions of the accelerator pedal, points 7 and 8 - same as figure 1, point 13 shows the complete assembly of the device seperately. Point 9 is a metal made bolt having threads, point 10 - nuts (2 or more), point 11 - set of washers (2 or more), 12 - head of the threaded bolt.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2013
(21) Application No.789/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : HINGE STRUCTURE FOR SEATBACK

(51) International classification	:B60N 2/00
(31) Priority Document No	:2012-232703
(32) Priority Date	:22/10/2012
(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)HABA MAKOTO

(57) Abstract :
In a hinge structure for a seatback, a seatback frame includes a vertical frame that vertically extends when the seatback is in an erected state, a projection strip portion that projects downward along the vertical frame is provided on an intermediate portion of the pin, and an extension strip portion that extends toward the vertical frame is provided on a rear side of facing walls of a cutout portion of the hinge bracket. The projection strip portion is located below the extension strip portion in contact therewith to prevent disengagement of the pin from the bracket when the seatback is folded down to a vehicle front side.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1204/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A PROCESS OF MANUFACTURING NAPHTHALENE FOR HIGHER YIELD

(51) International classification :C07C273/18
(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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1)JHA PRAVEEN KUMAR
2)KUSHWAHA SANTOSH KUMAR
3)GUPTA ASHUTOSH

(57) Abstract :
The present invention relates to an improved process of manufacturing naphthalene for higher yield through mechanical crystalliser route. More particularly the improved process observes the cooling profile of charge mix in the mechanical crystalliser and optimizes the cooling process to achieve higher naphthalene yield. The developed process also helps in deciding the discharge temp and thereby optimizes the crystallisation period and increase the availability of crystalliser.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1205/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A SYSTEM FOR THE BENEFICIATION OF SLIME PRODUCED THROUGH IRON ORE PROCESSING AND A PROCESS FOR SUCH BENEFICIATION.

(51) International classification :C14C3/00
(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)DAYAL VIKAS
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(57) Abstract :
A slime beneficiation process and system for treating slime obtained from the existing ore processing in Crushing Screening and Washing (CSW) plant for recovery of valuable minerals from the rejects is disclosed. In the slime beneficiation process according to the present invention slime from washing plant is pumped to a cluster of Hydro-cyclones for de-sliming purpose and some part of Hydro-cyclone concentrate is treated through SSSC thereafter and rest is treated through Medium Intensity Magnetic Separator (MIMS). Importantly, in MIMS, only very high quality hematite iron mineral particles are captured and a Self Vibrating Launder is employed to recover the valuable but finer iron ore particles from the MIMSs reject. The process is capable to recover iron ore particles with 63% Fe grade with less than 5% silica from slime with 49%Fe at a rate of around 40 t/hr making the process suitable for wide industrial application with significant cost advantage.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2012
(21) Application No.1198/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : 'AN IMPROVED CONTROL APPARATUS TO PREVENT DAMAGES OF SOOT BLOWERS'

(51) International classification :F22B37/56
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition 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)DHANADEVAN DINAKARAN

(57) Abstract :
The invention relates to an improved control apparatus to prevent damages of soot blowers, the soot blower for boilers comprising a traveling carriage movable over a feed pipe and having a lance with at lest two nozzles, the traveling carriage being controlled by a gear box; a valve head assembly allowing passage of steam at predetermined pressure for blowing the combustion-residues from the heat transfer surfaces of the boiler; an electrical motor with motor starters for moving the soot blower within the boiler; one each home-position and end position limit switch; a control circuit; and indication lamps, the improved apparatus comprising: a phase-sequence relay (PSCR) disposed being operably connected to the control circuit for sensing the phase sequences (R-Y-B, B-Y-R- of the power supply; and a direction relay (DR) connected to the phase-sequence relay (PSCR) to receive the input on sensing result and correspondingly channelize the power supply to the electrical wires transmitting power to the motor such that the motor is enabled to always operate in same phase sequence irrespective of the existence or otherwise of reverse phase sequence.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013
(21) Application No.188/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : ROBOT CONTROLLER AND ROBOT SYSTEM

(51) International classification :B25J9/22
(31) Priority Document No :2012-233181
(32) Priority Date :22/10/2012
(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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1)MAEDA TAKAHIRO

(57) Abstract :
A robot controller includes queues, a storage unit, and an execution control unit. The queues are provided for respective controlled groups serving as controlled units. The storage unit stores therein instructions directed to the respective controlled groups, one at a time, from a bottom end of each of the queues. When having accepted a predetermined operation request, the execution control unit simultaneously fetches the instructions directed to the controlled groups, one for each of the controlled groups at a time, from tops of the queues, and makes all of the controlled groups simultaneously start the operations based on such instructions. If there is any controlled group to which no corresponding instruction exists, the storage unit stores therein a no-operation instruction. If the fetched instruction is the no-operation instruction, the execution control unit keeps the controlled group from operating until an instruction is fetched next time.

No. of Pages : 52 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013
(21) Application No.1151/KOL/2013 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : APPARATUS AND METHOD FOR CONTINUOUSLY TREATING METAL STRIP

(51) International classification :B26D 7/00
(31) Priority Document No :10-2012-110 010.1
(32) Priority Date :19/10/2012
(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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1)ANDREAS NOˆ

(57) Abstract :
The invention relates to an apparatus for continuously treating metal strip (1), in particular metal strip made of aluminum, an aluminum alloy, a nonferrous metal, or a nonferrous- metal alloy, having at least one heat-treatment device (2) through which the metal strip (1) is passed without contact and having a strip centering device (7) that can adjust the position of the metal strip (1) within the strip-travel plane and transverse to the strip-travel direction. The heat-treatment device (2) has at least one heating zone (3) at the upstream inlet end and one cooling zone (4) at the downstream outlet end. According to the invention, the strip centering device (7) is arranged within the cooling zone (4).

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012

(21) Application No.1219/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : A SYSTEM FOR POLLUTION CONTROL GARDENING.

(51) International classification :E03F5/04
(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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(57) Abstract :
The present invention relates to a system for pollution control gardening in container/pots. More particularly, the present invention deals with a system for landless gardening or farming using selectively configured container/pot filled with soil provided with means for gradual wetting of soil with water from a supply source once poured allowing it to remain wet for a number of days, without any possibility of mud or water seepage from the bottom of the container/vessel having an internally housed sand container comprising a surrounding mesh/perforated unit which is adapted to hold the sand at the base part with atleast partially surrounding water chamber. Advantageously, the system can be installed for indoor/outdoor gardening for decoration as well as to provide cleaner and greener environment to live in without the hazard of day to day watering of plants or avoiding the menace of dirty floor due to seepage of mud or water.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/10/2012
(21) Application No.1222/KOL/2012 A
(43) Publication Date : 25/04/2014

(54) Title of the invention : AN IMPROVED ASH DISCHARGE VALVE (ADV) IN CIRCULATING FLUIDIZED BED COMBUSTION BOILERS CONTROL AND RECIRCULATION OF FLUE GAS FOR HEAT RECOVERY

(51) International classification :C01B3/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
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(57) Abstract :
The invention relates to an improved ash discharge valve (ADV) in Circulating Fluidized Bed Combustion Boilers control and recirculation of flue gas for heat recovery, the improvement is characterized by comprising : a lance tube (1) having an end cover and supported by a support assembly (2); an adjusting lever (3) connected to the lance tube (1) at a distal end, and a shaft of an electrical linear actuator (6) connected to the adjusting lever (3); a tip (04) of the lance tube (1) at proximal end senses the temperature of the solid fuel in the combustor which allows the actuator (6) to provide a corresponding backward stroke to the lance tube (1); a refractory-lined combustor housing (5) with a sight glass encompassing the ash discharge valve to guide un-burnt fuel to exit and transfer to the heat exchanger of the boiler; and an inner tube with at least one helix plate disposed inside the lance tube (1) for cooling the lance tube (1) through passing cooling water which enables longer retention of the cooling water inside the lance tube (1) for better cooling and generate a spiral profile for the exiting cooling water.

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(54) Title of the invention : A CATHETER, A STENT COMPRISED IN THE CATHETER AND A METHOD FOR MOVING THE CATHETER

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(57) Abstract :
A catheter (1) to be installed in an human body for moving the catheter (1) in the human body. The catheter (1) includes a first arrangement (3) and a second arrangement (4) coupled together to move the catheter (1) by applying a combination of a first force and a second force. Atleast a part of the first arrangement (3) moves along a first axis (5) on application of a first force on atleast the part of the first arrangement (3). Atleast a part of the second arrangement (4) moves along a second axis (6) non-parallel to the first axis (5) on application of a second force on atleast a part of the second arrangement (4).

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

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
237613	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	NOVEL PROTOCOL FOR ISOLATION AND PURIFICATION OF NUCLEIC ACIDS FROM TERMINALIA ARJUNA	24/09/2012	CHENNAI
241636	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	PROCESS OF ISOLATING NUCLEIC ACID SEQUENCE DIACYLGLYCEROL KINASE FROM TERMINALIA ARJUNA & ITS USES THEREOF	24/09/2012	CHENNAI
243351	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	ISOLATION OF NUCLEIC ACID SEQUENCE FROM TERMINALIA ARJUNA ENCODING CONSTITUTIVE PHOTO-MORPHOGENIC (COP1) REGULATORY PROTEIN	24/09/2012	CHENNAI
237254	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	PROCESS OF ISOLATING GLUTATHIONE PEROXIDASE NUCLEIC ACID SEQUENCE FROM TERMINALIA ARJUNA AND USES THEREOF	24/09/2012	CHENNAI
241631	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	A PROCESS OF ISOLATING ADENYLATE KINASE NUCLEOTIDE SEQUENCE TO FOR ALLEVIATION OF ENVIRONMENTAL STRESS AND USES THEREOF	24/09/2012	CHENNAI
241760	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	UTILITY OF THIONIN GENE POSSESSING SIGNIFICANT AGRO AND PHARMA PROPERTY USES THEREOF	24/09/2012	CHENNAI

241630	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	EMERGENCE OF GLUTAMATE DECARBOXYLASE UNDER ENVIRONMENTAL STRESS POSSESSING FUNCTIONAL AGRO/PHARMA PROPERTIES	24/09/2012	CHENNAI
243389	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	ARABINOGALACTAN PROTEIN GENES ISOLATED FROM RICE UNDER ENVIRONMENTAL STRESS POSSESSING AGRO/PHARMA PROPERTIES	24/09/2012	CHENNAI
243350	M/S. AVESTHA GENGRAINE TECHNOLOGIES PRIVATE LIMITED	A PROCESS FOR ISOLATING ARABINOXYLAN ARABINOFURANOHYDROLASES NUCLEOTIDE SEQUENCE FOR SALT STRESS AND USES THEREOF	24/09/2012	CHENNAI
224048	M/S. SHASUN PHARMACEUTICALS LIMITED	A PROCESS FOR PREPARING ANHYDROUS GABAPENTIN FORM II FROM GABAPENTIN ACID ADDITION SALT	19/05/2013	CHENNAI
252987	Shri. SUDHIR KODEBOYINA	A RAIL ROAD TRACK TESTING AND MONITORING DEVICE	13/09/2013	CHENNAI

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications 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 Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
240595	THE CREST GROUP,INC	An Ultrasonic processing apparatus and method.	05/11/2012	KOLKATA

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications 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 Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
250595	SEQUELLA INC.	Novel diamine compounds for the diagnosis and treatment of infectious disease.	19/05/2013	KOLKATA
233652	1. Mountain view pharmaceuticals ,INC 2. Duke University.	A peg conjugate of uricase.	02/08/2012	KOLKATA

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	260278	4312/DELNP/2005	17/03/2004	09/03/2003	A METHOD FOR AUTO-DETERMINATION OF DTE/DCE CONNECTION AND SYSTEM THEREOF	CISCO TECHNOLOGY, INC.	31/08/2007	DELHI
2	260279	6276/DELNP/2007	10/03/2004	10/03/2003	A CASH DISPENSING AUTOMATED BANKING MACHINE	DIEBOLD, INCORPORATED,	31/08/2007	DELHI
3	260282	6702/DELNP/2006	08/04/2005	17/05/2004	INTERFERENCE CONTROL VIA SELECTIVE BLANKING/ATTENUATION OF INTERFERING TRANSMISSIONS	QUALCOMM INCORPORATED	31/08/2007	DELHI
4	260283	8023/DELNP/2006	07/06/2005	10/06/2004	METHOD AND SYSTEM FOR UTILIZING SMART ANTENNAS IN ESTABLISHING A BACKHAUL NETWORK	INTERDIGITAL TECHNOLOGY CORPORATION	27/04/2007	DELHI
5	260284	4090/DELNP/2004	24/06/2003	24/06/2002	A SYSTEM FOR PROVIDING A STATUS OF A USER TO INCOMING CALLERS AND THE METHOD THEREOF	THOMSON LICENSING S.A.	04/12/2009	DELHI
6	260285	3084/DELNP/2007	19/10/2005	20/10/2004	METHOD AND APPARATUS FOR MANAGING END-TO-END VOICE OVER INTERNET PROTOCOL MEDIA LATENCY	QUALCOMM INCORPORATED	31/08/2007	DELHI
7	260286	1466/DELNP/2003	25/03/2002	26/03/2001	METHOD AND APPARATUS OF CONTROLLING REVERSE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	07/11/2008	DELHI
8	260289	31/DELNP/2006	18/08/2003	13/08/2003	RESUMING AN EXISTING SESSION BETWEEN A CLIENT DEVICE AND A HOST DEVICE	MICROSOFT CORPORATION	24/08/2007	DELHI
9	260290	2351/DELNP/2006	28/10/2004	29/10/2003	METHOD AND SYSTEM FOR INVOKING A PRIVILEGED FUNCTION IN A DEVICE	QUALCOMM INCORPORATED	03/08/2007	DELHI

10	260292	3369/DEL/2005	15/12/2005	23/12/2004	TURBOGENERATOR	NUOVO PIGNONE S.P.A	02/10/2009	DELHI
11	260295	3104/DELNP/2006	01/07/2004	09/12/2003	APPARATUS AND METHOD FOR PROCESSING DATA	ARM LIMITED	24/08/2007	DELHI
12	260297	430/DELNP/2006	10/08/2004	14/08/2003	INFORMATION PROCESSING APPARATUS, INFORMATION RECORDING MEDIUM AND INFORMATION PROCESSING METHOD	SONY CORPORATION	24/08/2007	DELHI
13	260298	3499/DELNP/2006	16/12/2004	19/12/2003	PRESSURE RELIEF DEVICE WITH INCREASED FLOW RATE	QUALITROL CORPORATION	31/08/2007	DELHI
14	260305	7719/DELNP/2007	02/05/2006	29/04/2005	EXPRESSION OF PROTEINS IN PLANTS	UNIVERSITY OF CAPE TOWN	09/11/2007	DELHI
15	260306	1203/DEL/2005	11/05/2005	21/05/2004	RECORDING / REPRODUCING APPARATUS , RECORDING / REPRODUCING METHOD AND INFORMATION RECORDING MEDIUM	SAMSUNG ELECTRONICS CO., LTD.	03/08/2007	DELHI
16	260307	6110/DELNP/2006	12/05/2005	12/05/2004	A INJECTABLE COMPOSITION OF MICROPARTICLES	BAXTER INTERNATIONAL INC.,BAXTER HEALTHCARE S.A.,	31/08/2007	DELHI
17	260311	4120/DELNP/2006	17/12/2004	19/12/2003	ALPHA IMAGE PROCESSING	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	13/07/2007	DELHI
18	260324	6109/DELNP/2006	12/05/2005	12/05/2004	A COMPOSITION COMPRISING MICROSPHERES	BAXTER INTERNATIONAL INC.,BAXTER HEALTHCARE S.A.,,CHILDREN HOSPITAL OF PITTSBURGH	31/08/2007	DELHI
19	260325	2401/DEL/2005	15/11/1996	22/11/1995	APPARATUS FOR RECORDING AND/OR REPRODUCING A RECORDING MEDIUM	SONY CORPORATION	26/01/2007	DELHI
20	260327	9301/DELNP/2008	11/05/2007	11/05/2006	MULTIMER FOR IMMUNOSTIMULATION	MOLOGEN AG	20/03/2009	DELHI
21	260328	1950/DELNP/2004	02/01/2003	02/01/2002	A CORE WIRELESS INGINE AND A METHOD OF PRODUCING A WIRELESS MODEM UNIT	SIERRA WIRELESS, INC.,	06/04/2007	DELHI
22	260331	1248/DELNP/2006	08/07/2005	12/07/2004	APPARATUS AND METHOD FOR DRIVING BACKLIGHT UNIT	SONY CORPORATION.	17/08/2007	DELHI
23	260332	7534/DELNP/2007	29/03/2006	29/03/2005	METAL-BASED FLUX CORED WIRE AND WELDING METHOD AND METHOD OF FORMING HIGH FATIGUE STRENGTH WELD JOINT WITH LITTLE AMOUNT OF SLAG	NIPPON STEEL CORPORATION	11/07/2008	DELHI

24	260333	6140/DELNP/2007	09/02/2006	18/02/2005	INDUCTION HEATING DEVICE FOR A METAL PLATE	NIPPON STEEL & SUMITOMO METAL CORPORATION	17/08/2007	DELHI
25	260336	6463/DELNP/2007	27/02/2006	28/02/2005	WOUND CARE DEVICE	MILLIKEN & COMPANY	07/09/2007	DELHI
26	260337	6058/DELNP/2007	19/01/2006	21/01/2005	ANTHELMINTIC COMPOSITION	NORBROOK LABORATORIES LIMITED	17/08/2007	DELHI
27	260339	6933/DELNP/2006	26/05/2005	26/05/2004	A METHOD OF SWITCHING APPLICATIONS AND A DEVICE THEREOF	QUALCOMM INCORPORATED	22/06/2007	DELHI
28	260340	3670/DELNP/2006	29/01/2004	26/12/2003	A HEATING-TYPE BALLOON CATHETER DEVICE	TORAY INDUSTRIES, INC.	13/07/2007	DELHI
29	260343	2623/DEL/2006	07/12/2006		AN IMPROVED CIRCULAR SECONDARY CLARIFIER FOR WASTEWATER TREATMENT	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	01/08/2008	DELHI
30	260344	8821/DELNP/2007	05/05/2006	12/05/2005	METHOD FOR PRODUCING FLUORINATED ORGANIC COMPOUNDS	HONEYWELL INTERNATIONAL INC.,	27/06/2008	DELHI
31	260345	7775/DELNP/2007	27/03/2006	05/04/2005	1H-PYRAZOLE 4-CARBOXYLAMIDES, THEIR PREPARATION AND THEIR USE AS 11 BETA-HYDROXYSTEROID DEHYDROGENASE	F.HOFFMANN-LA ROCHE AG	23/11/2007	DELHI
32	260346	8782/DELNP/2007	12/05/2006	12/05/2005	A COMPOUND OF THE FORMULA (V)	TIBOTEC PHARMACEUTICALS LTD.	27/06/2008	DELHI
33	260347	2031/DEL/2004	18/10/2004	06/11/2003	ALDEHYDE AS PERFUMING OR FLAVORING INGREDIENT	FIRMENICH SA	22/09/2006	DELHI
34	260348	1293/DELNP/2006	09/09/2004	01/10/2003	DEVICE FOR DRIVING A PLASMA DISPLAY PANEL	THOMSON PLASMA	10/08/2007	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	260277	1961/MUMNP/2008	09/04/2007	10/04/2006	PROCESSING OF EXCITATION IN AUDIO CODING AND DECODING	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
2	260281	883/MUMNP/2008	26/10/2006	26/10/2005	METHOD AND APPARATUS FOR FACILITATING DATA COMMUNICATION IN A WIRELESS COMMUNICATION ENVIRONMENT	QUALCOMM INCORPORATED	04/07/2008	MUMBAI
3	260287	1736/MUMNP/2007	03/04/2006	01/04/2005	METHODS AND APPARATUS FOR ENCODING AND DECODING AN HIGHBAND PORTION OF A SPEECH SIGNAL	QUALCOMM INCORPORATED	23/11/2007	MUMBAI
4	260291	1733/MUM/2010	07/06/2010		A PHARMACEUTICAL ORAL FORMULATION	ZOTA HEALTH CARE LTD	06/08/2010	MUMBAI
5	260316	248/MUM/2004	01/03/2004		EXTRAMEDULLARY JIG FOR DEROTATION SCREW FIXATION IN TROCHANTERIC FRACTURE	KISHOR SAJANMAL MAHESHWARI	03/03/2006	MUMBAI
6	260335	617/MUMNP/2008	27/09/2006	27/09/2005	SCALABILITY TECHNIQUES BASED ON CONTENT INFORMATION	QUALCOMM INCORPORATED	29/08/2008	MUMBAI

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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	260280	2256/CHENP/2007	25/10/2005	25/10/2004	ANODIZED COATING OVER ALUMINUM AND ALUMINUM ALLOY COATED SUBSTRATES AND COATED ARTICLES	HENKEL AG & CO KOMMANDITGESELLSCHAFT AUF AKTIEN	07/09/2007	CHENNAI
2	260293	1627/CHENP/2007	20/09/2005	21/09/2004	DEVICE FOR NEEDLELESS INJECTION OPERATING WITH TWO CONCENTRIC ENERGETIC MATERIALS	CROSSJECT	31/08/2007	CHENNAI
3	260294	1603/CHE/2008	02/07/2008 16:04:25	12/12/2007	METHOD AND APPARATUS FOR ASSEMBLING A COMPLEX PRODUCT IN A PARALLEL PROCESS SYSTEM	COMAU, INC.	21/08/2009	CHENNAI
4	260301	2818/CHENP/2008	25/01/2007	31/01/2006	CYLINDER LOCK PROTECTION SYSTEM	KABUSHIKI KAISHA HONDA LOCK	06/03/2009	CHENNAI
5	260303	122/CHE/2007	19/01/2007		TWO WHEELER FRAME STRUCTURE	R & D, TVS MOTOR COMPANY LIMITED	28/11/2008	CHENNAI
6	260310	4315/CHENP/2007	18/03/2006	01/04/2005	A HERBICIDAL COMPOSITION COMPRISING BENZOYLPYRAZOLE COMPOUNDS	BAYER CROPSCIENCE AG	25/01/2008	CHENNAI
7	260312	452/CHE/2008	22/02/2008		METHOD FOR THE PRODUCTION OF ETHANOL FROM MUNTINGIYA CALABURA	DHURJATI, SARVAMANGALA	01/06/2012	CHENNAI
8	260317	1478/CHENP/2008	13/09/2006	27/09/2005	METHOD FOR AMIDATING OF POLYPEPTIDES WITH BASIC AMINOACID C-TERMINALS BY MEANS OF SPECIFIC ENDOPROTEASES	SANOFI-AVENTIS DEUTSCHLAND GMBH	28/11/2008	CHENNAI

9	260318	167/CHE/2005	24/02/2005		METHOD FOR PRINTING A BOOKMARK/SEPARATOR PAGE BETWEEN DIFFERENT PRINT JOBS	SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED	16/03/2007	CHENNAI
10	260319	141/CHE/2006	30/01/2006		AUTO TWIN ANGLE AND TAIL END BREAKING MECHANISM IN THE BAR REROLLING MILL FOR BAR RECEIVING ON THE COOLING BED	MR.VIJAY GOYAL	03/08/2007	CHENNAI
11	260329	2003/CHENP/2007	10/11/2005	11/11/2004	COMPOSITIONS AGAINST SARS-CORONAVIRUS AND USES THEREOF	CRUCELL HOLLAND B.V.	07/09/2007	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

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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	260276	1469/KOLNP/2007	11/09/2006	13/09/2005	PRINTING SYSTEM AND HOST APPARATUS	RICOH COMPANY, LTD.	20/07/2007	KOLKATA
2	260288	1220/KOLNP/2008	21/09/2006	01/12/2005	METHOD AND DEVICE FOR PRODUCING MOULDS OR CORES, IN PARTICULAR FOR FOUNDRY PURPOSES	LAEMPE & M–SSNER GMBH	26/12/2008	KOLKATA
3	260296	3751/KOLNP/2007	27/04/2006	27/04/2005	PROCESS FOR PRODUCTION OF POLYESTER PARTICLES, POLYESTER PARTICLES, POLYESTER RESIN PARTICLES, AND PROCESS FOR PRODUCTION THEREOF	BUHLER AG	25/01/2008	KOLKATA
4	260299	2838/KOLNP/2006	01/04/2005	01/04/2004	APPARATUS FOR MONITORING MOVEMENT OF A HUMAN EYE	TORCH, WILLIAM C.	01/06/2007	KOLKATA
5	260300	2752/KOLNP/2005	23/09/2002	24/09/2001	BEVERAGE DISPENSING WITH COLD CARBONATION	LANCER PARTNERSHIP LTD.	29/07/2011	KOLKATA
6	260302	2802/KOLNP/2006	29/04/2005	30/04/2004	SECURITY ELEMENT AND METHOD FOR MANUFACTURING THE SAME	GIESECKE & DEVRIENT GMBH	01/06/2007	KOLKATA
7	260304	2132/KOLNP/2007	13/12/2005	14/12/2004	DEVICE FOR MEASUREMENT OF A MASS FLOW	SCHENCK PROCESS GMBH	07/09/2007	KOLKATA
8	260308	519/KOLNP/2007	11/08/2005	12/08/2004	PHARMACEUTICAL COMPOSITION AND PROCESS FOR ITS PREPARATION	QUEST PHARMACEUTICAL SERVICES	06/07/2007	KOLKATA

9	260309	2470/KOLNP/2007	26/01/2006	28/01/2005	PROCESS FOR PRODUCING (Z)-1-PHENYL-1-(N,N-DIETHYLAMINOCARBONYL)-2-PHTHALIMIDOMETHYLCYCLOPROPANE	SUMITOMO CHEMICAL COMPANY LIMITED	24/08/2007	KOLKATA
10	260313	5067/KOLNP/2007	13/07/2006	15/07/2005	METHOD OF PREPARING A MINERAL AND/OR FILLER MATERIAL,LIKE,GYPSUM MATERIAL	DOW CORNING CORPORATION	15/02/2008	KOLKATA
11	260314	2895/KOLNP/2006	29/03/2005	30/03/2004	A METHOD FOR THE PRODUCTION OF A BIOLOGICALLY ACTIVE PROSTHETIC DEVICE FOR THE RECONSTRUCTION OF BONE TISSUE AND THE PROSTHETIC DEVICE ITSELF	FIN-CERAMICA FAENZA S.p. A.	08/06/2007	KOLKATA
12	260315	2435/KOLNP/2006	02/03/2005	06/03/2004	COMPACT STEAM REFORMER AND METHOD OF OPERATING THE SAME FOR STEAM REFORMING OF FUELS	WS- REFORMER GMBH	25/05/2007	KOLKATA
13	260320	3397/KOLNP/2006	09/05/2005	11/05/2004	PACKAGE ASSEMBLY FOR INDIVIDUAL ELONGATE CONSUMABLE PRODUCTS	CADBURY ADAMS USA LLC	15/06/2007	KOLKATA
14	260321	4215/KOLNP/2007	15/01/2004	14/02/2003	PROCESS FOR THE PREPARATION OF ALKALI METAL CYANOBORATES	MERCK PATENT GMBH	04/04/2008	KOLKATA
15	260322	4392/KOLNP/2007	08/06/2006	17/06/2005	NOVEL SESQUITERPENE SYNTHASES AND METHOD	FIRMENICH SA	02/01/2009	KOLKATA
16	260323	2188/KOLNP/2006	02/02/2005	02/02/2004	AN INJECTOR DEVICE	BIMEDA RESEARCH & DEVELOPMENT LIMITED	18/05/2007	KOLKATA
17	260326	2880/KOLNP/2006	25/04/2005	23/04/2004	A METHOD OF TRACKING BIOMOLECULES EMPLOYING SURFACE ENHANCED SPECTROSCOPY-ACTIVE COMPOSITE NANOPARTICLES	OXONICA, INC.	10/08/2007	KOLKATA
18	260330	259/KOL/2008	14/02/2008	05/03/2007	DUAL ONE-WAY CLUTCH ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA

19	260334	3611/KOLNP/2006	09/02/2005	03/05/2004	SUCTION-TYPE HOLDING DEVICE	POTTERS, GERT,SCHMIDT, PATRICK	15/06/2007	KOLKATA
20	260338	3514/KOLNP/2006	12/07/2005	26/08/2004	PREPARATION OF 2-HYDROXY-4-METHYLTHIOBUTY RIC ACID	EVONIK DEGUSSA GMBH	15/06/2007	KOLKATA
21	260341	1109/KOLNP/2008	16/08/2006	17/08/2005	COATING COMPOSITION COMPRISING A POLYISOCYANATE AND A POLYOL	AKZO NOBEL COATINGS INTERNATIONAL B.V.	26/12/2008	KOLKATA
22	260342	4762/KOLNP/2007	01/06/2006	01/06/2005	METHOD FOR PURIFICATION OF A SYNTHETICALLY PRODUCED INDOCYANINE GREEN	PULSION MEDICAL SYSTEMS AG	18/07/2008	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

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SL NO	CASE NUMBERS	RENEWED ON
1.	188716	25.03.2014
2.	194710	25.03.2014
3.	194711	25.03.2014
4.	196679	25.03.2014
5.	190300	26.03.2014
6.	190408	26.03.2014
7.	191553	26.03.2014
8.	192618	26.03.2014
9.	193638	26.03.2014
10.	190045	27.03.2014
11.	192183	27.03.2014
12.	192186	27.03.2014
13.	192187	27.03.2014
14.	194314	27.03.2014
15.	195317	27.03.2014

CANCELLATION PROCEEDINGS
under Section 19 of the Designs Act, 2000

"The Asstt. Controller of Patents & Designs passed an order on 21/4/2014 to cancel the registration of registered Design No. 226044 **dated 01/12/2009 under Class 30-03 for the article 'Animal Bowl' in the name of** Ashish Padia**, an Indian as sole proprietor of Petz Creation, a proprietorship concern carrying on its business at 711, ITL Twin Tower, B-9, Netaji Shubash Place, Pitampura, New Delhi – 110034."**

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of SIEGFRIED GENERICS INTERNATIONAL AG registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
215097, 215098, 215099	24-04	SANOFI SA, OF 11 RUE VEYROT, CH-1217 MEYRIN/GENEVE, SWITZERLAND

RESTORATION OF LAPSED DESIGNS
UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000

(01)

An application made under Section 12 (2) of the Designs act, 2000 on **29.10.2012**, for Restoration of **Design No.190300 dated 24.04.2002** in the name of **MAQUET SAS OF PARC DE LIMERE, AVENUE DE LA POMME DE PIN, 45160 ARDON FRANCE** has been allowed.

(02)

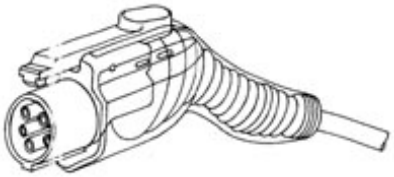
An application made under Section 12 (2) of the Designs act, 2000 on **05.02.2013**, for Restoration of **Design No.192618 dated 20.01.2003** in the name of **OAO KAZANSKIY VERTOLETNIY ZAVOD, RUSSIA, 420085, KAZAN, TETSOVSKAYA ST., 10 (RU), A PUBLIC CORPORATION OF RUSSIA** has been allowed.

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	252552
CLASS	13-03
1)GENERAL CABLE TECHNOLOGIES CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF DELAWARE, U.S.A., OF 4 TESSENEER DRIVE, HIGHLAND HEIGHTS, KENTUCKY 41076, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	20/03/2013
TITLE	ELECTRICAL CONNECTOR
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/432,863	21/09/2012	U.S.A.



DESIGN NUMBER	255973
CLASS	24-04
1)A. P. VENKATESAN, CARRYING ON BUSINESS AT NO.22/23, SWAMIAPPAN NAGAR ANNEX, NEAR SWAMIAPPAN NAGAR, NEELAVARAPATTI, SALEM-636201, TAMILNADU, INDIA, INDIAN-NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	22/08/2013
TITLE	DISPOSABLE SEXUAL PROTECTION KIT
PRIORITY NA	

DESIGN NUMBER	253713
CLASS	09-03
1)AXIS IMPEX, A REGISTERED PARTNERSHIP FIRM AT, SHOP NO. 4, 83-85, DADY SHETH AGIARY LANE, MUMBAI-400002, MAHARASHTRA, INDIA. WHOSE PARTNERS ARE: 1. VELJI MONSHI SHAH 2. KANTI MONSHI SHAH 3. HITEN HANSRAJ SHAH & JITENDRA REGHAVJI GADA, ALL INDIAN NATIONALS AT SHOP NO. 4, 83-85, DADY SHETH AGIARY LANE, MUMBAI-400002, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	07/05/2013
TITLE	CASSEROLE
PRIORITY NA	

DESIGN NUMBER	254677
CLASS	26-06
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	21/06/2013
TITLE	REAR COMBINATION LAMP FOR AN AUTOMOBILE

PRIORITY

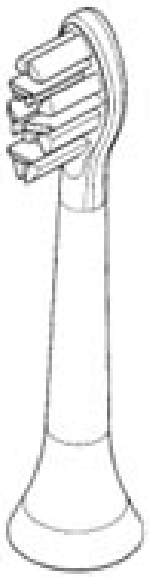
PRIORITY NUMBER	DATE	COUNTRY
2012-031532	26/12/2012	JAPAN

DESIGN NUMBER	254314
CLASS	12-16
1)RENAULT TRUCKS, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 99 ROUTE DE LYON, 69800 SAINT PRIEST, FRANCE	
DATE OF REGISTRATION	06/06/2013
TITLE	STEP AND RUNNING BOARD FOR VEHICLE
PRIORITY NA	

DESIGN NUMBER	255026
CLASS	04-02
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	05/07/2013
TITLE	BRUSH HEAD FOR ELECTRIC TOOTHBRUSH

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002163675-0003	09/01/2013	OHIM

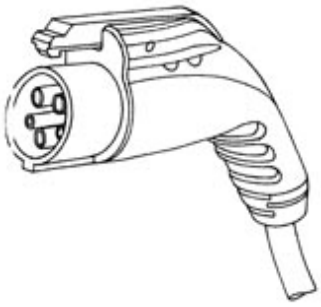


DESIGN NUMBER	249686
CLASS	12-05
1)KONE CORPORATION, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FINLAND, OF THE ADDRESS KARTANONTIE 1, 00330 HELSINKI, FINLAND	
DATE OF REGISTRATION	26/11/2012
TITLE	DECORATIVE FILM USED FOR ESCALATORS, LIFTS AND MOVING WALKWAYS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002053827-0006	07/06/2012	EUROPEAN UNION

DESIGN NUMBER	252551
CLASS	13-03
1)GENERAL CABLE TECHNOLOGIES CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF DELAWARE, U.S.A., OF 4 TESSENEER DRIVE, HIGHLAND HEIGHTS, KENTUCKY 41076, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	20/03/2013
TITLE	ELECTRICAL CONNECTOR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/432,863	21/09/2012	U.S.A.

DESIGN NUMBER	253969
CLASS	12-15
1)SHANDONG LINGLONG TYRE CO. LTD. HAVING ITS OFFICE AT NO. 777 JINLONG ROAD, ZHAOYUAN CITY, SHANDONG, CHINA, ZIP CODE: 265400	
DATE OF REGISTRATION	20/05/2013
TITLE	TYRE
PRIORITY NA	

DESIGN NUMBER	254676
CLASS	12-16
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	21/06/2013
TITLE	FRONT BUMPER FOR AN AUTOMOBILE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
2012-031533	26/12/2012	JAPAN

DESIGN NUMBER	245637
CLASS	09-01
1)TILAKNAGAR INDUSTRIES LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS OFFICE AT INDUSTRIAL ASSURANCE BUILDING, 3RD FLOOR, CHURCHGATE, MUMBAI 400020, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	29/05/2012
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	254310
CLASS	12-16
1)RENAULT TRUCKS, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 99 ROUTE DE LYON, 69800 SAINT PRIEST, FRANCE	
DATE OF REGISTRATION	06/06/2013
TITLE	RUNNING BOARD FOR VEHICLE
PRIORITY NA	

DESIGN NUMBER	254871
CLASS	15-05

1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY,
OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742M REPUBLIC OF KOREA

DATE OF REGISTRATION	28/06/2013
TITLE	VACUUM CLEANER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2012-0063079	28/12/2012	REPUBLIC OF KOREA

DESIGN NUMBER	252708
CLASS	12-16

1)HYVA HOLDING B.V. OF THE ADDRESS
ONDERNEMINGSWEG 1, NL-2404 HM ALPHEN AAN DEN RIJN, THE NETHERLANDS

DATE OF REGISTRATION	28/03/2013
TITLE	CYLINDER AND WET KIT ASSEMBLY FOR VEHICLES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002209940	27/03/2013	OHIM

DESIGN NUMBER	252550
CLASS	13-03

1)GENERAL CABLE TECHNOLOGIES CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF DELAWARE, U.S.A., OF
4 TESSENEER DRIVE, HIGHLAND HEIGHTS, KENTUCKY 41076, UNITED STATES OF AMERICA

DATE OF REGISTRATION	20/03/2013
TITLE	ELECTRICAL CONNECTOR

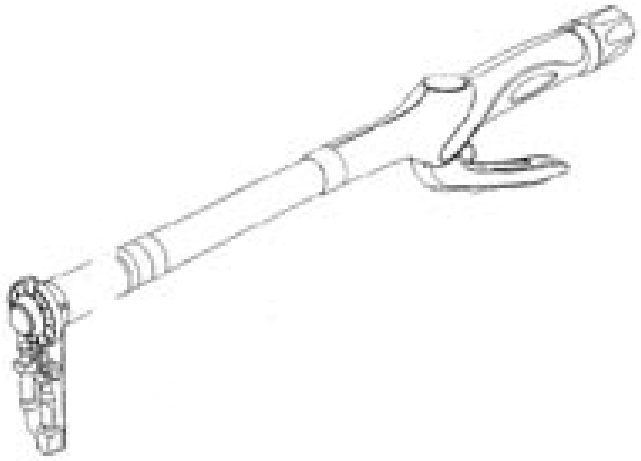
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/432,863	21/09/2012	U.S.A.

DESIGN NUMBER	244063
CLASS	24-01
1)ETHICON ENDO-SURGERY, INC. OF 4545 CREEK ROAD, CINCINNATI, OH 45242, USA	
DATE OF REGISTRATION	22/03/2012
TITLE	CIRCULAR STAPLER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/398467	23/09/2011	U.S.A.



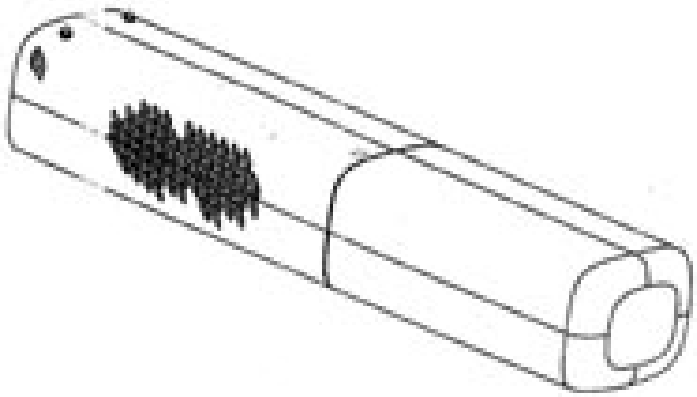
DESIGN NUMBER	256143
CLASS	21-04
1)RED BULL GMBH OF AM BRUNNEN 1, 5330 FUSCHL AM SEE, AUSTRIA; NATIONALITY: AUSTRIA	
DATE OF REGISTRATION	30/08/2013
TITLE	TENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002197269-0002	06/03/2013	OHIM

DESIGN NUMBER	249188
CLASS	23-05
1)INTELLIGENT ENERGY, LIMITED OF CHARNWOOD BUILDING, HOLYWELL PARK, ASHBY ROAD, LOUGHBOROUGH, LEICESTERSHIRE, LE11 3GB, UNITED KINGDOM	
DATE OF REGISTRATION	02/11/2012
TITLE	FUEL CARTRIDGE

PRIORITY NA



DESIGN NUMBER	255751
CLASS	12-05
1)KION BAOLI (JIANGSU) FORKLIFT CO., LTD, OF NO. 8 XINZHOU ROAD, ECONOMIC DEVELOPMENT ZONE, JIANGSU, CHINA; NATIONALITY: CHINESE	
DATE OF REGISTRATION	12/08/2013
TITLE	FORKLIFT TRUCK
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
201330041460.5	19/02/2013	CHINA

DESIGN NUMBER	254309
CLASS	12-16
1)RENAULT TRUCKS, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 99 ROUTE DE LYON, 69800 SAINT PRIEST, FRANCE	
DATE OF REGISTRATION	06/06/2013
TITLE	RUNNING BOARD FOR VEHICLE
PRIORITY NA	

DESIGN NUMBER	255021
CLASS	24-04
1)RAJ KUMAR GROVER, SOLE PROPRIETOR OF PHARMATECH DISTRIBUTORS WHOSE ADDRESS IS S-12, SHIVAJI PARK MARKET, PUNJABI BAGH, NEW DELHI-110026, INDIA, AN INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	05/07/2013
TITLE	HAND EXERCISER
PRIORITY NA	

DESIGN NUMBER	252643	
CLASS	24-99	
1)BIOSYNERGY, INC., HAVING ITS REGISTERED OFFICE AT 1940 E. DEVON AVENUE, ELK GROVE VILLAGE, ILLINOIS 60007, USA BY US NATIONALITY		
DATE OF REGISTRATION	25/03/2013	
TITLE	ROLL-UP GEL PACK FOR TEST TUBES	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
29/447,628	05/03/2013	U.S.A.

DESIGN NUMBER	251735	
CLASS	13-03	
1)SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY, A GERMAN COMPANY		
DATE OF REGISTRATION	18/02/2013	
TITLE	SAFETY RELAY	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
001340897	24/08/2012	OHIM

DESIGN NUMBER	256115	
CLASS	20-02	
1)SATISH CHAND JAIN, SOLE PROPRIETOR OF EDUCOMP AIDS (INDIA) WHOSE ADDRESS IS 10149, EAST PARK ROAD, NEAR FILMISTAN CINEMA, KAROL BAGH, NEW DELHI-110005, INDIA AN INDIAN NATIONAL OF ABOVE ADDRESS		
DATE OF REGISTRATION	30/08/2013	
TITLE	DISPLAY TRAY WITH MAGNIFIER	
PRIORITY NA		

DESIGN NUMBER	254776	
CLASS	08-03	
1)SHIJU NEELAKANDAN, AN INDIAN OF THOTTIKKATTIL HOUSE, PAZHAYARIKANDOM P.O., MAKKUVALLY, IDUKKI DIST., KERALA, PIN 685606, INDIA		
DATE OF REGISTRATION	25/06/2013	
TITLE	SHEAR [HAND OPERATED CUTTING TOOLS AND IMPLIMENTS FOR CUTTING BRANCHES OF TREES]	
PRIORITY NA		

DESIGN NUMBER	251431	
CLASS	09-06	
1)ZEDEL (SOCIÉTÉ PAR ACTIONS SIMPLIFIÉE), A FRENCH COMPANY OF ZONE INDUSTRIELLE DE CROLLES, 38920 CROLLES, FRANCE (FR)		
DATE OF REGISTRATION	05/02/2013	
TITLE	CLIMBING EQUIPMENT (QUICKDRAW)	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002084525-0002	07/08/2012	OHIM

DESIGN NUMBER	255036	
CLASS	10-04	
1)CAVINKARE PVT. LTD. CAVIN VILLE, NO. 12, CENOTAPH ROAD, CHENNAI-600018, TAMIL NADU, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	05/07/2013	
TITLE	HAIR THICKNESS METER	
PRIORITY NA		

DESIGN NUMBER	255173
CLASS	15-99
1)GALAXY PACKAGING MACHINES OF NEAR PANCHYAT GHAR, VILLAGE-MANDHOUR, AMBALA CITY-134002 (HARYANA), INDIA, AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE (1) ARUN KUMAR AGGARWAL AND (2) ANIRUDH AGGARWAL, INDIANS OF ABOVE ADDRESS	
DATE OF REGISTRATION	11/07/2013
TITLE	PACKING MACHINE FOR VEHICLES CHAIN
PRIORITY NA	

DESIGN NUMBER	252238
CLASS	19-06
1)S. S. B. METAL WORKS, K. YUNUS BLDG., 2ND FLOOR, VISHWESHWAR NAGAR ROAD, OFF. AAREY ROAD, GOREGAON (E), MUMBAI - 400063, STATE OF MAHARASHTRA, (INDIA), INDIAN PARTNERSHIP FIRM, INDIAN NATIONALS WHOSE PARTNERS ARE:- 1. BHARAT JETHMAL LUNIA (2) PRAVIN JETHMAL LUNIA INDIAN NATIONAL, OF ABOVE ADDRESS	
DATE OF REGISTRATION	11/03/2013
TITLE	BALL POINT PEN
PRIORITY NA	

DESIGN NUMBER	252568
CLASS	07-01
1)MUDITA MULL, OF MULL BUILDINGS, 4, ASHOK MARG, LUCKNOW-226001, INDIA, AN INDIAN CITIZEN	
DATE OF REGISTRATION	20/03/2013
TITLE	CHEESEBOARD
PRIORITY NA	

DESIGN NUMBER	255904
CLASS	23-01
1)HANSGROHE SE, OF AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	19/08/2013
TITLE	SANITARY FAUCET

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001363311-0006	06/03/2013	OHIM

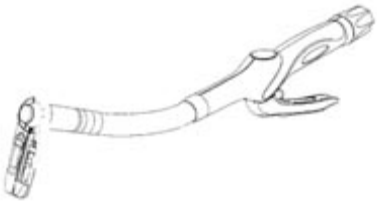
DESIGN NUMBER	253972
CLASS	12-15
1)SHANDONG LINGLONG TYRE CO. LTD. HAVING ITS OFFICE AT NO. 777 JINLONG ROAD, ZHAOYUAN CITY, SHANDONG, CHINA, ZIP CODE: 265400	
DATE OF REGISTRATION	20/05/2013
TITLE	TYRE

PRIORITY NA

DESIGN NUMBER	244069
CLASS	24-01
1)ETHICON ENDO-SURGERY, INC. OF 4545 CREEK ROAD, CINCINNATI, OH 45242, USA	
DATE OF REGISTRATION	22/03/2012
TITLE	CIRCULAR STAPLER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/398666	23/09/2011	U.S.A.



DESIGN NUMBER	255685	
CLASS	09-09	
1)ALKON PLASTICS PVT. LTD., 801, 8TH FLOOR, EMBASSY CHAMBERS, 3RD ROAD, KHAR (WEST), MUMBAI: 400052. (INDIA) INDIAN NATIONAL A PVT. LIMITED COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, OF ABOVE ADDRESS		
DATE OF REGISTRATION	06/08/2013	
TITLE	STACKING BINS	
PRIORITY NA		
DESIGN NUMBER	245815	
CLASS	14-01	
1)LUKUP MEDIA PVT LTD, WHOSE ADDRESS IS 25/2 NORRIS ROAD, RICHMOND TOWN, BANGALORE-560025, INDIA		
DATE OF REGISTRATION	08/06/2012	
TITLE	HYBRID TV SET TOP BOX WITH A WIRELESS, TOUCH BASED REMOTE CONTROL	
PRIORITY NA		
DESIGN NUMBER	233845	
CLASS	06-11	
1)WILLIAM GOODACRE & SONS INDIA PVT. LTD., XVIII/1146 REVI KARUNAKARAN ROAD, ALLEPPEY, KERALA-688012, INDIA.		
DATE OF REGISTRATION	12/01/2011	
TITLE	MAT	
PRIORITY NA		

DESIGN NUMBER	252644
CLASS	24-99
1)BIOSYNERGY, INC., HAVING ITS REGISTERED OFFICE AT 1940 E. DEVON AVENUE, ELK GROVE VILLAGE, ILLINOIS 60007, USA BY US NATIONALITY	
DATE OF REGISTRATION	25/03/2013
TITLE	GEL PACK FOR TEST TUBES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/447,625	05/03/2013	U.S.A.

DESIGN NUMBER	254793
CLASS	23-01
1)OMB SALERI VALVES INDIA PVT. LTD, (A COMPANY INCORPORATED AND EXISTING UNDER THE INDIAN COMPANIES ACT, 1913) HAVING ITS PRINCIPLE PLACE OF BUSINESS AT PLOT NO. 490, PACE CITY-2, SECTOR-37, GURGAON-122001, HARYANA, INDIA	
DATE OF REGISTRATION	25/06/2013
TITLE	VALVE
PRIORITY NA	

DESIGN NUMBER	255586
CLASS	02-04
1)VALENTINO S.P.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF VIA TURATI, 16/18, I-20121 MILANO, ITALY	
DATE OF REGISTRATION	01/08/2013
TITLE	SHOE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
MI2013O000037	04/03/2013	ITALY

DESIGN NUMBER	251437
CLASS	26-02

1)ZEDEL (SOCIÉTÉ PAR ACTIONS SIMPLIFIÉE), A FRENCH COMPANY OF
ZONE INDUSTRIELLE DE CROLLES, 38920 CROLLES, FRANCE (FR)

DATE OF REGISTRATION	05/02/2013
TITLE	HEADLAMP FLASHLIGHT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002084715-0001	07/08/2012	OHIM

DESIGN NUMBER	255785
CLASS	15-03

1)M/S RAJESH ELECTRIC WORKS, 638/14, GIRDHARI LAL, THAPAR MARKET, INDL. AREA-B, LUDHIANA-141003 (PUNJAB) INDIA
AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- RAJESH KUMAR BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

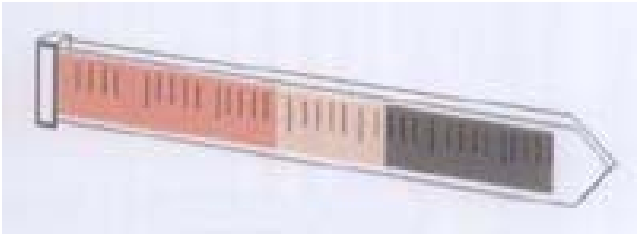
DATE OF REGISTRATION	13/08/2013
TITLE	WOOD CUTTING MACHINE

PRIORITY NA

DESIGN NUMBER	255037
CLASS	10-04

1)CAVINKARE PVT. LTD.
CAVIN VILLE, NO. 12, CENOTAPH ROAD, CHENNAI-600018, TAMIL NADU, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	05/07/2013
TITLE	HAIR THICKNESS METER



PRIORITY NA

DESIGN NUMBER	252590
CLASS	03-01
1)CHRISTIAN DIOR COUTURE, A FRENCH PUBLIC LIMITED COMPANY OF 30 AVENUE MONTAIGNE, 75008 PARIS, FRANCE	
DATE OF REGISTRATION	21/03/2013
TITLE	HAND BAG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM/079672	23/11/2012	WIPO

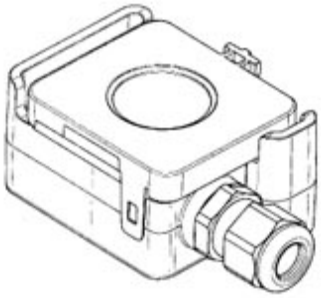
DESIGN NUMBER	253973
CLASS	12-15
1)SHANDONG LINGLONG TYRE CO. LTD. HAVING ITS OFFICE AT NO. 777 JINLONG ROAD, ZHAOYUAN CITY, SHANDONG, CHINA, ZIP CODE: 265400	
DATE OF REGISTRATION	20/05/2013
TITLE	TYRE

PRIORITY NA

DESIGN NUMBER	256257
CLASS	26-04
1)ZUMTOBEL LIGHTING GMBH OF SCHWEIZER STRAßE 30, 6850, DORNBIRN, AUSTRIA; NATIONALITY: AUSTRIA	
DATE OF REGISTRATION	06/09/2013
TITLE	LUMINAIRE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001363360	07/03/2013	OHIM



DESIGN NUMBER	255435	
CLASS	07-02	
1)NIRMAL C. RATHOD, AN INDIAN NATIONAL, 2/13, UNNAT NAGAR NO. 2, OPP. NEW INDIA CO-OP. BANK LTD., M.G. ROAD, GOREGAON (W), MUMBAI-400062, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	26/07/2013	
TITLE	CASSEROLE	
PRIORITY NA		
DESIGN NUMBER	255686	
CLASS	10-04	
1)ALKON PLASTICS PVT. LTD., 801, 8TH FLOOR, EMBASSY CHAMBERS, 3RD ROAD, KHAR (WEST), MUMBAI: 400052. (INDIA) INDIAN NATIONAL A PVT. LIMITED COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, OF ABOVE ADDRESS		
DATE OF REGISTRATION	06/08/2013	
TITLE	BINS	
PRIORITY NA		
DESIGN NUMBER	255029	
CLASS	10-04	
1)CAVINKARE PVT. LTD. CAVIN VILLE, NO. 12, CENOTAPH ROAD, CHENNAI-600018, TAMIL NADU, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	05/07/2013	
TITLE	HAIR THICKNESS METER	
PRIORITY NA		

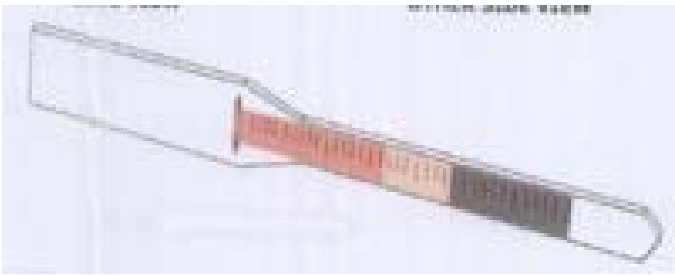
DESIGN NUMBER	252634	
CLASS	02-02	
1)ZARINA JAMAL SHAMJI, AN INDIAN NATIONAL, HAVING ADDRESS: 2F-G2, MODELS MERIDIEN, NIO DONAPAULA, CARANZALEM, GOA, 403004		
DATE OF REGISTRATION	25/03/2013	
TITLE	KITCHEN APRON	
PRIORITY NA		

DESIGN NUMBER	253974	
CLASS	12-15	
1)SHANDONG LINGLONG TYRE CO. LTD. HAVING ITS OFFICE AT NO. 777 JINLONG ROAD, ZHAOYUAN CITY, SHANDONG, CHINA, ZIP CODE: 265400		
DATE OF REGISTRATION	20/05/2013	
TITLE	TYRE	
PRIORITY NA		

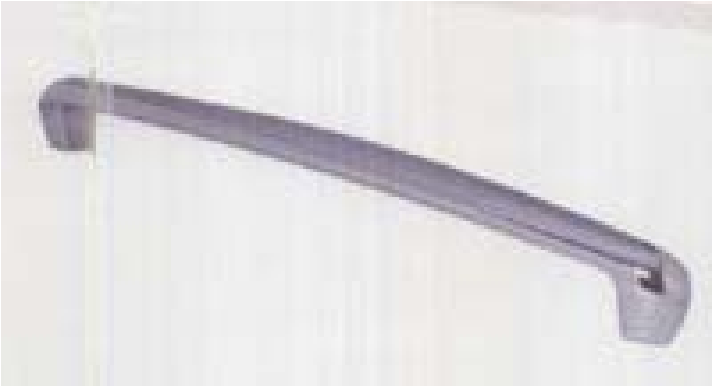
DESIGN NUMBER	254070	
CLASS	09-01	
1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, MANUFACTURERS AND MERCHANTS, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA		
DATE OF REGISTRATION	24/05/2013	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	255584
CLASS	15-02
1)EMERSON CLIMATE TECHNOLOGIES (INDIA) LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PLOT NO. 23, RAJIV GANDHI INFOTECH PARK, PHASE-II, HINJEWADI, PUNE-411 057, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	01/08/2013
TITLE	COMPRESSOR
PRIORITY NA	

DESIGN NUMBER	255034
CLASS	10-04
1)CAVINKARE PVT. LTD. CAVIN VILLE, NO. 12, CENOTAPH ROAD, CHENNAI-600018, TAMIL NADU, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	05/07/2013
TITLE	HAIR THICKNESS METER
PRIORITY NA	



DESIGN NUMBER	252745
CLASS	08-06
1)DIPAKBHAI BABUBHAI SOJITRA (ADULT & INDIAN NATIONAL) AND SOLE PROPRIETOR OF UNITECH INDUSTRIES HAVING PLACE OF BUSINESS AT-3/11, BHAKTINAGAR, STATION PLOT, RAJKOT-360002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	02/04/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	255924
CLASS	23-01
1)HANSGROHE SE, OF AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	20/08/2013
TITLE	SANITARY FAUCET

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001363311-0001	06/03/2013	OHIM

DESIGN NUMBER	256127
CLASS	12-16
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN	
DATE OF REGISTRATION	30/08/2013
TITLE	FRONT GRILL FOR AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-005232	08/03/2013	JAPAN

DESIGN NUMBER	256160
CLASS	12-16
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	02/09/2013
TITLE	ANTENNA FOR AN AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
11213/2013	13/03/2013	AUSTRALIA

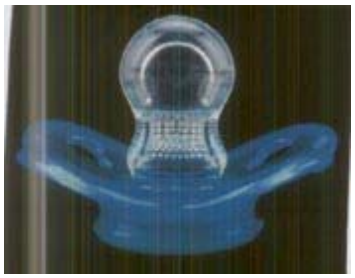
DESIGN NUMBER	249396
CLASS	24-04

1)NOURI E. HAKIM A CITIZEN OF UNITED STATES OF AMERICA OF THE ADDRESS:
3030 AURORA AVENUE, MONROE, LA-71201, UNITED STATES OF AMERICA

DATE OF REGISTRATION	09/11/2012
TITLE	PACIFIER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/420,731	11/05/2012	U.S.A.



DESIGN NUMBER	254849
CLASS	24-03

1)LIMBS INTERNATIONAL, INC., A COMPANY OF U.S.A.
OF 500 W. OVERLAND, SUITE 230, EL PASO, TEXAS 79901, USA

DATE OF REGISTRATION	28/06/2013
TITLE	PROSTHETIC KNEE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/444,705	01/02/2013	U.S.A.

DESIGN NUMBER	255049
CLASS	08-09

1)MR. BAKULBHAI NANJIBHAI THUMAR, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT
ANKIT INDUSTRIAL ESTATE, PLOT NO. 07, NEAR GUJARAT SOLVANT, OPP. KRISHNAPARK HOTEL, N.H.8-B, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	08/07/2013
TITLE	RAILING ACCESSORIES

PRIORITY NA

DESIGN NUMBER	252989
CLASS	26-04
1)CREE, INC., 4600 SILICON DRIVE, DURHAM, NC 27703, U.S.A	
DATE OF REGISTRATION	10/04/2013
TITLE	LAMP

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/434,289	11/10/2012	U.S.A.

DESIGN NUMBER	256126
CLASS	12-16
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN	
DATE OF REGISTRATION	30/08/2013
TITLE	REAR BUMPER FOR AUTOMOBILE

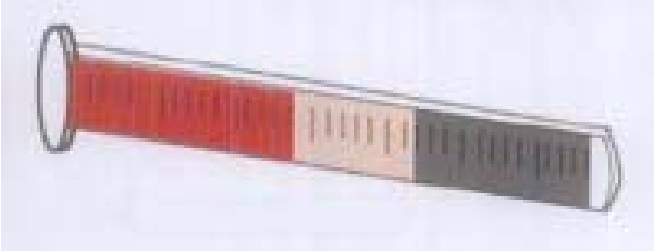
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-005230	08/03/2013	JAPAN

DESIGN NUMBER	254610
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019 , INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	20/06/2013
TITLE	JEWELLERY SET

PRIORITY NA

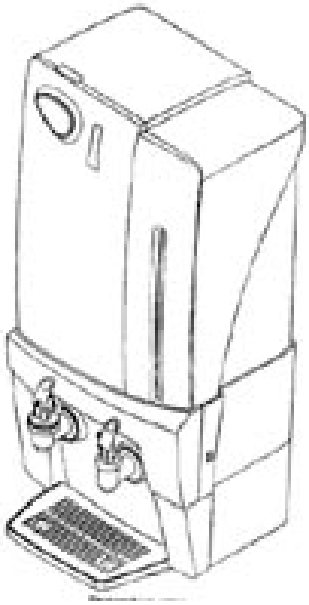
DESIGN NUMBER	255038
CLASS	10-04
1)CAVINKARE PVT. LTD. CAVIN VILLE, NO. 12, CENOTAPH ROAD, CHENNAI-600018, TAMIL NADU, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	05/07/2013
TITLE	HAIR THICKNESS METER
PRIORITY NA	



DESIGN NUMBER	256627
CLASS	23-01
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	19/09/2013
TITLE	WATER PURIFICATION DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002205559	20/03/2013	OHIM



DESIGN NUMBER	254615
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	20/06/2013
TITLE	JEWELLERY SET
PRIORITY NA	

DESIGN NUMBER	255704	
CLASS	09-01	
1)RAYMOND LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PLOT NO. 156/H NO. 2, VILLAGE ZADGAON, RATNAGIRI 415612, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	07/08/2013	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	254390	
CLASS	08-06	
1)KALPESHBHAI MANSUKHBHAI DUDHATRA (ADULT & INDIAN NATIONAL) SOLE PROPRIETOR OF JAY BALAJI INDUSTRIES (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT-SHIVAM INDUSTRIAL AREA, B/H. PETROL PUMP, KOTHARIA RING ROAD, RAJKOT-360 002-GUJARAT-(INDIA)		
DATE OF REGISTRATION	07/06/2013	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	246870	
CLASS	09-01	
1)INTERNATIONAL FOODSTUFFS COMPANY (LIMITED LIABILITY COMPANY, UNDER THE LAWS OF UNITED ARAB EMIRATES) HAVING ADDRESS AT POST BOX NO. 4115, SHARJAH, UNITED ARAB EMIRATES		
DATE OF REGISTRATION	01/08/2012	
TITLE	CARBOY	
PRIORITY NA		

DESIGN NUMBER	256595	
CLASS	07-01	
1)NARPAT RATANCHAND JAIN AND SANDHYA MURALIDHAR, ADULTS, INDIAN NATIONALITY, PARTNERS OF M/S. BOHRA MARKETING, A REGISTERED PARTNERSHIP FIRM, HAVING PRINCIPAL PLACE OF BUSINESS AT NO. 250/450/1 & 2, DEEPANJALI NAGAR, OPP. KWALITY BISCUIT FACTORY, MYSORE ROAD, BANGALORE-560026, KARNATAKA STATE, INDIA		
DATE OF REGISTRATION	19/09/2013	
TITLE	BOWL	
PRIORITY NA		

DESIGN NUMBER	253832	
CLASS	11-01	
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	14/05/2013	
TITLE	JEWELLERY SET	
PRIORITY NA		

DESIGN NUMBER	254193	
CLASS	12-08	
1)BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT, OF PETUELRING 130, 80809, MUNICH, GERMANY, A GERMAN COMPANY		
DATE OF REGISTRATION	30/05/2013	
TITLE	CAR	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DE 402012101055.7	06/12/2012	GERMANY

DESIGN NUMBER	254617
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	20/06/2013
TITLE	JEWELLERY SET
PRIORITY NA	

DESIGN NUMBER	250960
CLASS	14-02
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA	
DATE OF REGISTRATION	11/01/2013
TITLE	PORTABLE DISPLAY DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/429,478	11/08/2012	U.S.A.

DESIGN NUMBER	256469
CLASS	07-03
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	16/09/2013
TITLE	SERVING FORK
PRIORITY NA	

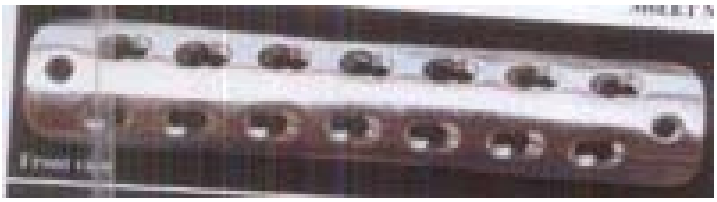
DESIGN NUMBER	253834
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	14/05/2013
TITLE	JEWELLERY SET
PRIORITY NA	

DESIGN NUMBER	251590
CLASS	24-02
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF MITTELSTRASSE 8, D-78532 TUTTLINGEN, GERMANY	
DATE OF REGISTRATION	12/02/2013
TITLE	TUBING CASSETTE SYSTEM FOR LAPAROSCOPY

PRIORITY

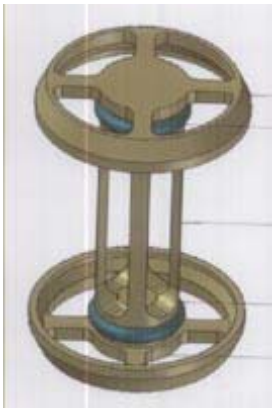
PRIORITY NUMBER	DATE	COUNTRY
002087262-0001	13/08/2012	OHIM

DESIGN NUMBER	255485
CLASS	24-01
1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAVAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001, INDIAN	
DATE OF REGISTRATION	29/07/2013
TITLE	LOCKING PLATE FOR REPAIR OF FRACTURE IN RADIUS
PRIORITY NA	



DESIGN NUMBER	254421
CLASS	23-01
1)(1) VIPULBHAI MOHANBHAI PATEL, (2) DILIPBHAI MOHANBHAI KACHHADIYA, (3) HITESHBHAI BHIKHABHAI THUMAR, ALL INDIAN NATIONAL, HAVING ITS PLACE OF BUSINESS AT M/S, KRISHNA COCK INDUSTRIES, JAY SIYARAM IND. ESTATE, PLOT NO. 1-C, B/H. BANSIDHAR WAY BRIDGE, AJI DAM KOTHARIYA RING ROAD, RAJKOT-360003 (GUJARAT) (INDIA)	
DATE OF REGISTRATION	11/06/2013
TITLE	COCK
PRIORITY NA	

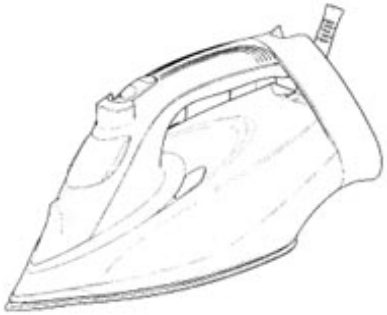
DESIGN NUMBER	255100
CLASS	10-01
1)ELECTROLAB (INDIA) PVT. LTD. (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), OF 401, TIRUPATI UDYOG, I. B. PATEL ROAD, OFF. WESTERN EXPRESS HIGHWAY, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	10/07/2013
TITLE	TESTING INSTRUMENT OF DIALYSIS CELL
PRIORITY NA	



DESIGN NUMBER	255304
CLASS	07-05
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	18/07/2013
TITLE	ELECTRIC STEAM IRON

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002171157-0001	23/01/2013	OHIM



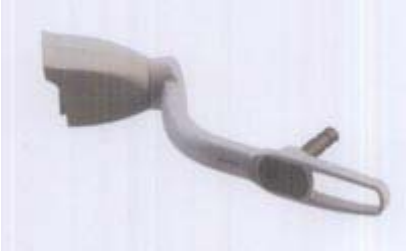
DESIGN NUMBER	252845
CLASS	12-13
1)POLARIS INDUSTRIES INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE UNITED STATES OF AMERICA, OF 2100 HIGHWAY 55, MEDINA, MINNESOTA 55340, THE UNITED STATES OF AMERICA	
DATE OF REGISTRATION	03/04/2013
TITLE	ALL TERRAIN VEHICLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/434,278	11/10/2012	U.S.A.

DESIGN NUMBER	256001
CLASS	11-01
1)R. R. JEWELLERS IS A PARTNERSHIP FIRM REGISTERED UNDER THE PARTNERSHIP ACT, 1932 BETWEEN 1) JIGNESH RAMESHBHAI SHAH 2) TEJAS RAMESHBHAI SHAH AND 3) ALPA JIGNESHBHAI SHAH WHOSE OFFICE IS AT 3RD FLOOR, ‘‘PANNA MANEK’’, OPP. MAA ASHAPURA TEMPLE, PALACE ROAD, RAJKOT-360001, GUJARAT, INDIA	
DATE OF REGISTRATION	23/08/2013
TITLE	EARRING
PRIORITY NA	

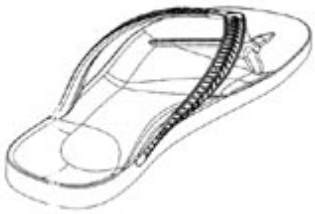
DESIGN NUMBER	253994
CLASS	26-05
1)MAQUET SAS, A FRENCH COMPANY OF, PARC DE LIMÉRE, AVENUE DE LA POMME DE PIN, 45160 ARDON, FRANCE	
DATE OF REGISTRATION	21/05/2013
TITLE	SUPPORTING ARM
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002178020-0003	04/02/2013	OHIM



DESIGN NUMBER	252160
CLASS	02-04
1)MR. DANIEL BARTHOLOMEW JONES, AUSTRALIAN CITIZEN HAVING HIS PRINCIPAL ADDRESS AT 49, BRIDGE STREET, PORT MELBOURNE VIC 3027, AUSTRALIA	
DATE OF REGISTRATION	06/03/2013
TITLE	ORTHOTIC FOOTWEAR
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
201214444	07/09/2012	AUSTRALIA



DESIGN NUMBER	253835
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	14/05/2013
TITLE	JEWELLERY SET
PRIORITY NA	

DESIGN NUMBER	254198
CLASS	09-03
1)COLGATE-PALMOLIVE COMPANY, A DELAWARE CORPORATION, 300 PARK AVENUE, NEW YORK, NEW YORK 10022, USA & OMRON HEALTHCARE CO., LTD., A JAPANESE CORPORATION, 53, KUNOTSUBO, TERADO-CHO, MUKO-SHI, KYOTO, 617-0002, JAPAN	
DATE OF REGISTRATION	30/05/2013
TITLE	CONTAINER FOR AN ELECTRIC TOOTHBRUSH
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
2012-029432	30/11/2012	JAPAN

DESIGN NUMBER	251592
CLASS	24-02
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF MITTELSTRASSE 8, D-78532 TUTTLINGEN, GERMANY	
DATE OF REGISTRATION	12/02/2013
TITLE	TUBING CASSETTE SYSTEM FOR LAPAROSCOPY

PRIORITY

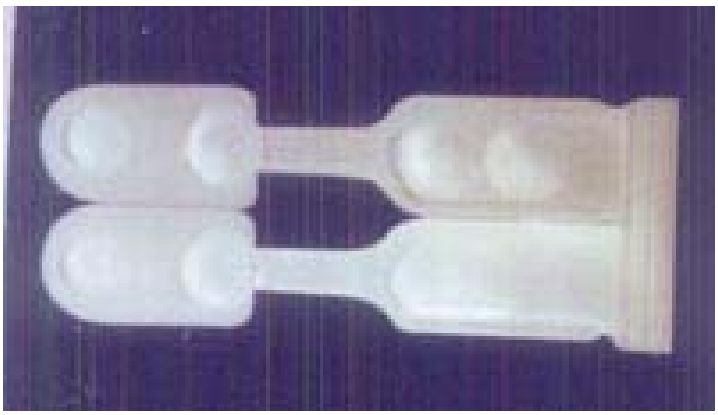
PRIORITY NUMBER	DATE	COUNTRY
002087262-0003	13/08/2012	OHIM

DESIGN NUMBER	254632
CLASS	31-01
1)KONINKLIJKE PHILIPS N.V., A DUTCH COMPANY HAVING A PLACE OF BUSINESS AT HIGH TECH CAMPUS 5, EINDHOVEN 5656 AE, NETHERLANDS	
DATE OF REGISTRATION	20/06/2013
TITLE	BASE OF THE MIXER GRINDER

PRIORITY NA

DESIGN NUMBER	252901
CLASS	09-05
1)KORES INDIA LIMITED, A COMPANY INCORPORATED IN INDIA UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS 301, 302 & 202, ASHFORD CHAMBERS, LADY JAMSHEDJI ROAD, MAHIM (WEST), MUMBAI 400016, MAHARASHTRA, INDIA, INDIAN	
DATE OF REGISTRATION	04/04/2013
TITLE	TWIN PACK ADHESIVE TUBES

PRIORITY NA



DESIGN NUMBER	256473
CLASS	11-02
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	16/09/2013
TITLE	VASE
PRIORITY NA	

DESIGN NUMBER	253838
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	14/05/2013
TITLE	JEWELLERY SET
PRIORITY NA	

DESIGN NUMBER	254211
CLASS	19-06
1)KLIO-ETERNA SCHREIBGERÄTE GMBH & CO KG, A GERMAN COMPANY OF GLASHÜTTENWEG 7, 77709 WOLFACH, GERMANY	
DATE OF REGISTRATION	31/05/2013
TITLE	WRITING PEN

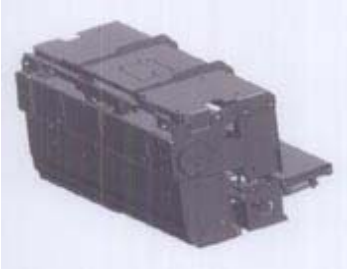
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
712467301	08/01/2013	WIPO

DESIGN NUMBER	254293
CLASS	08-06
1)RENAULT TRUCKS, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 99 ROUTE DE LYON, 69800 SAINT PRIEST, FRANCE	
DATE OF REGISTRATION	06/06/2013
TITLE	DOOR HANDLE FOR VEHICLE
PRIORITY NA	

DESIGN NUMBER	255824
CLASS	15-04
1)JOSEPH VÖGELE AG, OF JOSEPH-VÖGELE-STRAßE 1, 67067 LUDWIGSHAFEN/RHEIN, GERMANY; NATIONALITY: GERMAN	
DATE OF REGISTRATION	14/08/2013
TITLE	SCREED OF A ROAD MAKING MACHINE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
001369649	12/04/2013	OHIM



DESIGN NUMBER	252434
CLASS	23-02
1)RAJESH KUMAR JAIN, S/O ASHOK KUMAR JAIN, JAIN PALACE, GURJAR WARA, NEAR AGGARWALO KA NOHRA, BUNDI (RAJASTHAN) PIN 323001, INDIA	
DATE OF REGISTRATION	19/03/2013
TITLE	SEPTIC TANK
PRIORITY NA	

DESIGN NUMBER	256474	
CLASS	07-01	
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA		
DATE OF REGISTRATION	16/09/2013	
TITLE	BOWL	
PRIORITY NA		

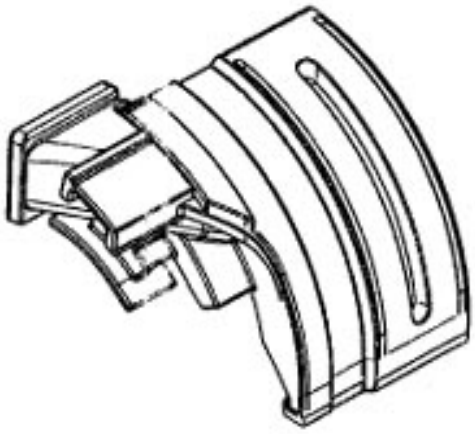
DESIGN NUMBER	255954	
CLASS	06-10	
1)SHAILENDRA DWIVEDI SITUATED AT 128/1/R-85, YASHODA NAGAR, KANPUR-208011 (U.P.) INDIA, BY NATIONALITY INDIAN OF ABOVE ADDRESS		
DATE OF REGISTRATION	22/08/2013	
TITLE	MOSQUITO NET	
PRIORITY NA		

DESIGN NUMBER	253839	
CLASS	11-01	
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	14/05/2013	
TITLE	JEWELLERY SET	
PRIORITY NA		

DESIGN NUMBER	254245
CLASS	15-06
1)MASCHINENFABRIK RIETER AG, A SWISS COMPANY OF KLOSTERSTRASSE 20, CH-8406 WINTERTHUR, SWITZERLAND	
DATE OF REGISTRATION	03/06/2013
TITLE	SUCTION ELEMENT OF A SPINNING MACHINE

PRIORITY

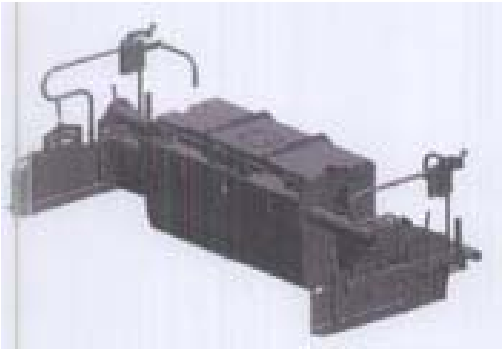
PRIORITY NUMBER	DATE	COUNTRY
201230639593.8	06/12/2012	CHINA



DESIGN NUMBER	255826
CLASS	15-04
1)JOSEPH VÖGELE AG, OF JOSEPH-VÖGELE-STRAßE 1, 67067 LUDWIGSHAFEN/RHEIN, GERMANY; NATIONALITY: GERMAN	
DATE OF REGISTRATION	14/08/2013
TITLE	SCREED WITH LATERAL SLIDER OF A ROAD MAKING MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001369649	12/04/2013	OHIM



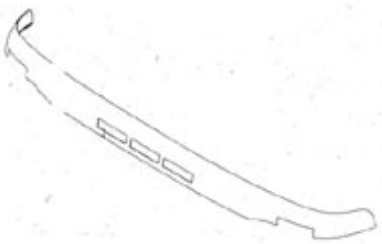
DESIGN NUMBER	255703
CLASS	09-01
1)RAYMOND LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PLOT NO. 156/H NO. 2, VILLAGE ZADGAON, RATNAGIRI 415 612, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	07/08/2013
TITLE	BOTTLE

PRIORITY NA

DESIGN NUMBER	254852
CLASS	28-03
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN	
DATE OF REGISTRATION	28/06/2013
TITLE	ELECTRIC HAIR CLIPPER
PRIORITY NA	

DESIGN NUMBER	252798
CLASS	12-16
1)SCANIA CV AB, SE-151 87, SÖDERTÄLJE, SWEDEN	
DATE OF REGISTRATION	03/04/2013
TITLE	SUN VISOR FOR VEHICLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
2012/0436	04/10/2012	SWEDEN



DESIGN NUMBER	256468
CLASS	07-03
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	16/09/2013
TITLE	SERVING FORK
PRIORITY NA	

DESIGN NUMBER	253833	
CLASS	11-01	
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	14/05/2013	
TITLE	JEWELLERY SET	
PRIORITY NA		

DESIGN NUMBER	256380	
CLASS	04-02	
1)COLGATE-PALMOLIVE COMPANY, A DELAWARE CORPORATION, 300 PARK AVENUE, NEW YORK, NEW YORK 10022, USA		
DATE OF REGISTRATION	11/09/2013	
TITLE	TOOTHBRUSH	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/451,263	29/03/2013	U.S.A.

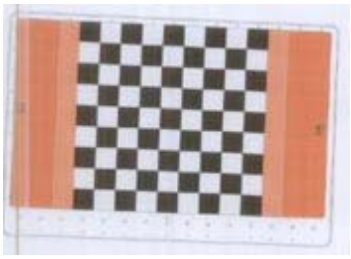
DESIGN NUMBER	255484	
CLASS	24-01	
1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAVAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001, INDIAN		
DATE OF REGISTRATION	29/07/2013	
TITLE	LOCKING PLATE FOR REPAIR OF FRACTURE IN TIBIA	
PRIORITY NA		

DESIGN NUMBER	254413
CLASS	09-03
1)DHIRAJLAL PREMJI SAVLA AND KANTILAL PREMJI SAVLA, INDIAN NATIONALS, PARTNERS OF PARAS PRODUCTS, A PARTNERSHIP FIRM, REGISTERED UNDER THE INDIAN PARTNERSHIP ACT AND CARRYING ON BUSINESS AT 49A, BOMBAY COTTON MILLS ESTATE, D. L. MARG, KALA CHOWKI, MUMBAI 400033 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	10/06/2013
TITLE	CONTAINER FOR PETROLEUM JELLY
PRIORITY NA	

DESIGN NUMBER	249995
CLASS	21-01
1)GRAVITY BOARD GAMES APS, STÅRUPVEJ 15, ØSTRE HØJBY, 4573 HØJBY, DENMARK	
DATE OF REGISTRATION	07/12/2012
TITLE	GAMEBOARD

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002053991-0007	07/06/2012	OHIM



DESIGN NUMBER	255303
CLASS	26-02
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	18/07/2013
TITLE	PORTABLE LAMP

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002170894-0001	23/01/2013	OHIM

DESIGN NUMBER	246974
CLASS	12-16
1)BELL HELICOPTER TEXTRON INC., A U.S. COMPANY, POST OFFICE BOX 482, FT. WORTH, TX, J76101, U.S.A.	
DATE OF REGISTRATION	06/08/2012
TITLE	CONTROL POST AND GRIP ASSEMBLY FOR HELICOPTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/413127	10/02/2012	U.S.A.

DESIGN NUMBER	256472
CLASS	11-02
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	16/09/2013
TITLE	VASE

PRIORITY NA

DESIGN NUMBER	255878
CLASS	14-03
1)SH. ANIL LAMBA, WZ-139, B-5, MAHAVEER NAGAR, NEW DELHI, (INDIA) AN INDIAN NATIONAL OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	16/08/2013
TITLE	MOBILE PHONE

PRIORITY NA

DESIGN NUMBER	253837
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	14/05/2013
TITLE	JEWELLERY SET
PRIORITY NA	

DESIGN NUMBER	254210
CLASS	19-06
1)KLIO-ETERNA SCHREIBGERÄTE GMBH & CO KG, A GERMAN COMPANY OF GLASHÜTTENWEG 7, 77709 WOLFACH, GERMANY	
DATE OF REGISTRATION	31/05/2013
TITLE	WRITING PEN

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
712467301	08/01/2013	WIPO

DESIGN NUMBER	251614
CLASS	25-03
1)RABIRUN VINIMAY PVT. LTD., PLOT F3, SECTOR F, VIDYASAGAR INDUSTRIAL PARK, (KHARAGPUR-WBIDC), VILL./MOUZA-JAPHALA, P.O.-JAKPUR, P.S.-KHARAGPUR (L), DIST.-PASCHIM MEDINIPUR-721301, WEST BENGAL, INDIA	
DATE OF REGISTRATION	13/02/2013
TITLE	WATER DISPENSING KIOSK
PRIORITY NA	

DESIGN NUMBER	255666	
CLASS	13-01	
1)ALTIGREEN PROPULSION LABS PRIVATE LIMITED, A COMPANY DULY ORGANISED AND EXISTING UNDER THE INDIAN COMPANIES ACT, 1956, OF THE ADDRESS 70/1 SARAKKI LAKE, 100 FT RING ROAD, KONANAKUNTE, JP NAGAR 6TH PHASE, BANGALORE-560078, INDIA		
DATE OF REGISTRATION	06/08/2013	
TITLE	MOTOR GENERATOR FOR HYBRID VEHICLES	
PRIORITY NA		
DESIGN NUMBER	250997	
CLASS	09-01	
1)M/S. ADVENT BRAND HOUSE INDIA PRIVATE LIMITED, A COMPANY INCORPORATED UNDER COMPANIES ACT, 1956, HAVING ITS OFFICE AT S-206, GRAND MALL, M. G. ROAD, GURGAON-120022, INDIA		
DATE OF REGISTRATION	16/01/2013	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	255002	
CLASS	06-01	
1)EXCLUSIFF SEATING SYSTEMS, A REGISTERED PARTNERSHIP FIRM AT MITTAL IND. ESTATE, BLDG. NO 6, UNIT NO 149-150, ANDHERI KURLA ROAD, ANDHERI EAST, MUMBAI 400059, MAHARASHTRA, INDIA, WHOSE PARTNERS ARE VICKY PARWANI AND KAMLESH PARWANI, BOTH INDIAN NATIONALS		
DATE OF REGISTRATION	04/07/2013	
TITLE	CHAIR	
PRIORITY NA		

DESIGN NUMBER	255118
CLASS	10-04
1)SHIMADZU CORPORATION OF THE ADDRESS: 1, NISHINOKYO-KUWABARACHO, NAKAGYO-KU, KYOTO-SHI, KYOTO, JAPAN	
DATE OF REGISTRATION	10/07/2013
TITLE	SPECTROPHOTOMETER
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
2013-008371	12/04/2013	JAPAN

DESIGN NUMBER	255856
CLASS	09-01
1)PEARL POLYMERS LIMITED, OF A-97/2, OKHLA INDUSTRIAL AREA, PHASE 2, NEW DELHI-110 020, INDIA, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	16/08/2013
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	253842
CLASS	11-01
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	14/05/2013
TITLE	JEWELLERY SET
PRIORITY NA	

DESIGN NUMBER	255700
CLASS	09-01

1)RAYMOND LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT
PLOT NO. 156/H NO. 2, VILLAGE ZADGAON, RATNAGIRI 415612, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	07/08/2013
TITLE	BOTTLE

PRIORITY NA

DESIGN NUMBER	255846
CLASS	11-01

1)R. R. JEWELLERS IS A PARTNERSHIP FIRM REGISTERED UNDER THE PARTNERSHIP ACT, 1932 BETWEEN 1) JIGNESH RAMESHBHAI SHAH 2) TEJAS RAMESHBHAI SHAH AND 3) ALPA JIGNESHBHAI SHAH WHOSE OFFICE IS AT
3RD FLOOR, ‘‘PANNA MANEK’‘, OPP. MAA ASHAPURA TEMPLE, PALACE ROAD, RAJKOT-360001, GUJARAT, INDIA

DATE OF REGISTRATION	16/08/2013
TITLE	EARRING

PRIORITY NA

DESIGN NUMBER	254943
CLASS	14-01

1)BEATS ELECTRONICS, LLC, A LIMITED LIABILITY COMPANY OF DELAWARE,
OF 1601 CLOVERFIELD BLVD, SUITE 5000N, SANTA MONICA, CA 90404, U.S.A.

DATE OF REGISTRATION	02/07/2013
TITLE	AUDIO SPEAKER SYSTEM

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/441,336	03/01/2013	U.S.A.

DESIGN NUMBER	246063	
CLASS	12-11	
1)MR. KRISHNA VISHWAKARMA, MR. OMVIR CHAURASIA, MR. CHANDRA MOHAN YADAV HAVING ADDRESS AT CHANDRA HOSPITAL, VILLAGE PIPARI, POST BAGHAGARA, BHAVAPAR, DISTRICT GORAKHPUR, UTTAR PRADESH-273401		
DATE OF REGISTRATION	20/06/2012	
TITLE	MOTORCYCLE	
PRIORITY NA		
DESIGN NUMBER	254613	
CLASS	11-01	
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	20/06/2013	
TITLE	JEWELLERY SET	
PRIORITY NA		
DESIGN NUMBER	255633	
CLASS	19-06	
1)S. S. B. METAL WORKS, K. YUNUS BLDG., 2ND FLOOR, VISHWESHWAR NAGAR ROAD, OFF. AAREY ROAD, GOREGAON (E), MUMBAI - 400063, STATE OF MAHARASHTRA, (INDIA), INDIAN PARTNERSHIP FIRM, INDIAN NATIONALS WHOSE PARTNERS ARE:- 1. BHARAT JETHMAL LUNIA (2) PRAVIN JETHMAL LUNIA INDIAN NATIONAL, OF ABOVE ADDRESS		
DATE OF REGISTRATION	05/08/2013	
TITLE	BALL POINT PEN	
PRIORITY NA		

DESIGN NUMBER	255701	
CLASS	09-01	
1)RAYMOND LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT PLOT NO. 156/H NO. 2, VILLAGE ZADGAON, RATNAGIRI 415612, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	07/08/2013	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	254350	
CLASS	12-08	
1)RENAULT TRUCKS, A COMPANY ORGANIZED UNDER THE LAWS OF FRANCE, OF 99 ROUTE DE LYON, 69800 SAINT PRIEST, FRANCE		
DATE OF REGISTRATION	06/06/2013	
TITLE	TRUCK CABIN	
PRIORITY NA		
DESIGN NUMBER	254851	
CLASS	23-04	
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN		
DATE OF REGISTRATION	28/06/2013	
TITLE	AIR PURIFIER	
PRIORITY NA		

DESIGN NUMBER	252791
CLASS	09-01
1)GUERLAIN SOCIETE ANONYME, A FRENCH ''SOCIÉTÉ ANONYME'', OF 68, AVENUE DES CHAMPS-ELYSÉES PARIS 75008	
DATE OF REGISTRATION	02/04/2013
TITLE	FLASK FOR PERFUMERY PRODUCTS

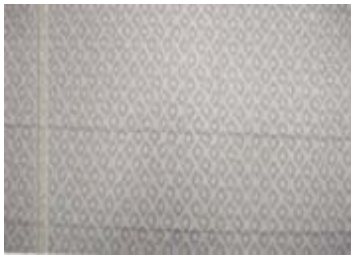
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001347777-0001	18/10/2012	OHIM

DESIGN NUMBER	256471
CLASS	07-03
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	16/09/2013
TITLE	SERVING SPOON

PRIORITY NA

DESIGN NUMBER	255872
CLASS	05-05
1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM	
DATE OF REGISTRATION	16/08/2013
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	253836
CLASS	11-01

1)MS SUMONA PAREKH, RESIDING AT
12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	14/05/2013
TITLE	JEWELLERY SET

PRIORITY NA

DESIGN NUMBER	254635
CLASS	08-06

1)(1) GOPALBHAI MAVJIBHAI SAVARIYA (2) SANDIPBHAI VALJIBHAI SOJITRA (ALL THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF TARSHI MANUFACTURES (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT:
C/O BHAVYA TRADING, 50, FEET MAIN ROAD, PATEL NAGAR-2, SADBHAVNA SOCIETY, BHIJA BHAGAT CHOWK, RAJKOT-360002-GUJARAT (INDIA)

DATE OF REGISTRATION	21/06/2013
TITLE	HANDLE

PRIORITY NA

DESIGN NUMBER	255724
CLASS	11-01

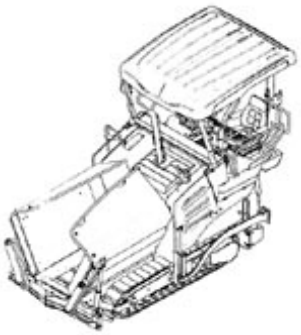
1)TYSON H. BASHA, A US CITIZEN
OF 2618 E. VIRGO PLACE, CHANDLER, ARIZONA, UNITED STATES OF AMERICA

DATE OF REGISTRATION	08/08/2013
TITLE	LOCKET

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/445,591	13/02/2013	U.S.A.

DESIGN NUMBER	256021	
CLASS	23-01	
1)MORF INDIA LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT NO. 33, RAMANUJAM STREET, T. NAGAR, CHENNAI-600017, TAMIL NADU, INDIA		
DATE OF REGISTRATION	23/08/2013	
TITLE	WATER PURIFIER	
PRIORITY NA		
DESIGN NUMBER	253840	
CLASS	11-01	
1)MS SUMONA PAREKH, RESIDING AT 12, DOVER PARK, FLAT 4C, MARUTI SADAN BUILDING, KOLKATA-700019, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	14/05/2013	
TITLE	JEWELLERY SET	
PRIORITY NA		
DESIGN NUMBER	255567	
CLASS	09-03	
1)MR. NILESH INDANI AN INDIAN NATIONAL TRADING IN THE NAME AND STYLE OF VAISHNODEVI DAIRY PRODUCTS PVT. LTD. (A CORPORATE ENTITY INCORPORATED IN INDIA UNDER THE COMPANIES ACT, 1956) WHOSE ADDRESS IS G 95/96, 3RD FLOOR, K.K. MARKET, PUNE-SATARA ROAD, DHANKAWADI, PUNE-411043		
DATE OF REGISTRATION	01/08/2013	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER	255831	
CLASS	15-04	
1)JOSEPH VÖGELE AG, OF JOSEPH-VÖGELE-STRAßE 1, 67067 LUDWIGSHAFEN/RHEIN, GERMANY; NATIONALITY: GERMAN		
DATE OF REGISTRATION	14/08/2013	
TITLE	ROAD PAVING MACHINE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
001369649	12/04/2013	OHIM

DESIGN NUMBER	255241	
CLASS	09-04	
1)JAYESHBHAI TULSIBHAI CHAVDA AND KISHORBHAI NATUBHAI KAKADIYA BOTH INDIAN NATIONAL PARTNERS OF SHREEJI TIMES AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS SHREE HARI IND. ZONE, STREET NO-2 CORNER, PLOT NO-12, N.H. NO-8-B, RING ROAD, SHREE HARI MAIN ROAD, NR. LABH PETROLEUM, RAJKOT-360002, GUJARAT-INDIA		
DATE OF REGISTRATION	15/07/2013	
TITLE	KITCHEN BASKET	
PRIORITY NA		