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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.

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

2nd OCTOBER, 2015

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**THE PATENT OFFICE
KOLKATA, 02/10/2015**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

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

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 02/10/2015

• कार्यालयों के क्षेत्राधिकार के पते

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

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 फैक्स: (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 फैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फैक्स: (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 फैक्स:/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 फैक्स: (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>

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

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

CORRIGENDUM (KOLKATA)

Para 6 of the Amendment under Sec. 57, Kolkata which was published in the Official Journal No. 36/2015 dated 04.09.2015 may be read as follows:

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent Nos. 222228 (2353/KOLNP/2005), 240779 (487/KOLNP/2007) and 239053 (95/KOLNP/2004) has been amended from:

SAURER GMBH & CO. KG
of LANDGRAFENSTRASSE 45,
D-41069 MONCHENGLADBACH

to

OERLIKON TEXTILE GMBH CO. KG
of Leverkusener Strasse 65,
D-42897 Ramcheid, Germany, a German Company

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4001/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : REDUCED COMPLEXITY CONVERTER SNR CALCULATION

(51) International classification	:G10L19/032,G10L19/16	(71) Name of Applicant :
(31) Priority Document No	:61/723687	1)DOLBY INTERNATIONAL AB
(32) Priority Date	:07/11/2012	Address of Applicant :Apollo Building 3E Herikerbergweg 1
(33) Name of priority country	:U.S.A.	35 NL 1101 CN Amsterdam Zuidoost Netherlands
(86) International Application No	:PCT/EP2013/072961	2)DOLBY LABORATORIES LICENSING CORPORATION
Filing Date	:04/11/2013	(72) Name of Inventor :
(87) International Publication No	:WO 2014/072260	1)SCHUG Michael
(61) Patent of Addition to Application Number	:NA	2)WILLIAMS Phillip
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present document relates to audio encoding / decoding. In particular the present document relates to a method and system for reducing the complexity of a bit allocation process used in the context of audio encoding / decoding. An audio encoder (300) configured to encode an audio signal according to a first audio codec system is described. The audio encoder (300) comprises a transform unit (302) configured to determine a set of spectral coefficients (312) based on the audio signal. Furthermore the encoder (300) comprises a floating point encoding unit (304) configured to determine a set of scale factors and a set of scaled values (314) based on the set of spectral coefficients (312); and to encode the set of scale factors to yield a set of encoded scale factors (313). In addition the encoder (300) comprises a bit allocation and quantization unit (305 306) configured to determine a total number of available bits for quantizing the set of scaled values (314) based on a first target data rate and based on the number of bits used for the set of encoded scale factors (313); to determine a first control parameter (315) indicative of an allocation of the total number of available bits for quantizing the scaled values of the set of scaled values (314); and to quantize the set of scaled values (314) in accordance to the first control parameter (315) to yield a set of quantized scaled values (317). Furthermore the encoder (300) comprises a transcoding simulation unit (320) configured to determine a second control parameter (321) based on the first control parameter (315); wherein the second control parameter (321) enables a transcoder to convert the first bitstream into a second bitstream at a second target data rate; wherein the second bitstream accords to a second audio codec system different from the first audio codec system; and wherein the first bitstream comprises the second control parameter.

No. of Pages : 55 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2641/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :13/09/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUPERFICIAL ADVENTITIAL AORTOPLASTY

(51) International classification	:A61F2/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Dr Aditya Kumar Singh

Address of Applicant :282, Gyan khand1 , Indirapuram,
Ghaziabad, UP- 201014 Delhi India

(72)Name of Inventor :

1)Dr Aditya Kumar Singh

(57) Abstract :

A medical implant for surgical use includes an open configuration central graft body. Particularly, the central graft body includes a tubular body. The medical implant further includes, an outer fabric stratifying the circumference of the tubular body, and, a resilient material for securely binding the outer fabric on the tubular body. In use, the resilient material traverses through the one or more layers of the tubular body and the outer fabric thereby forming a reticular framework. Such medical implant with self adhesiveness to prevent late dilatation of surgical structures. FIG. 1

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

(54) Title of the invention : DUSTER DETACHING MECHANISM FOR AUTOMATED MOTORIZED WHITEBOARD

(51) International classification	:A47L 13/00,B43L 21/00	(71)Name of Applicant : 1)CHOUGULE BHUSHAN TUKARAM Address of Applicant :T2-BT4, PETH COLONY, ISLAMPUR-415409 TALUKA-WALWA, DISTRICT-SANGLI, MAHARASHTRA (INDIA) Maharashtra India
(31) Priority Document No	:NA	2)PUNEET MATHUR
(32) Priority Date	:NA	3)RAVINA NANGARE
(33) Name of priority country	:NA	4)DR. M.S. ROHOKALE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHOUGULE BHUSHAN TUKARAM
(87) International Publication No	: NA	2)PUNEET MATHUR
(61) Patent of Addition to Application Number	:NA	3)RAVINA NANGARE
Filing Date	:NA	4)DR. M.S. ROHOKALE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Blackboards are used as one of the oldest teaching device in the world but with the modifications in the technology whiteboards are invented for eliminating the diseases caused by chalk powder. Now-a-days Whiteboards are used in most of the educational Institutes. Large size whiteboards give advantage of using more area for writing purpose but on the contradictory it is time consuming to nib the boards. Different methods of cleaning the boards have been developed. This led to the invention of self-cleaning whiteboards. Hence, many approaches are introduced to clean the board automatically. An attempt has been made to modify the features of automated motorized whiteboard by introducing a duster detaching mechanism. Due to this mechanism teacher can use the writings on the board as a future reference. The system consists of many small parts and mechanisms which are used efficiently for the working of the board. Some of them are: - Flexible whiteboard surface material, dusters, plastic rollers, cam and follower, four bar mechanism and motors. The working of this system is based on rotation of flexible whiteboard sheet material around the rollers. Rollers are operated by means of motors. In this way the whiteboard surface gets cleaned automatically by the dusters fixed on the backside of the board. If anyone wants to use writing for future reference then cam follower and four bar mechanism is used to detach the dusters from whiteboard. In addition to this a stand is designed to adjust the height of the board and also to make it portable. PARTS

SPECIFICATIONS/ DIMENSIONS 1. DC Gear motor Speed-100RPM Voltage-4V to 12V Stall torque-42.5 IKg-cm Stall current-6.9Amp Gear assembly-Spur Shaft length-25 to 30mm Shaft diameter-8mm 2. Wooden Block (Covered with sunmica sheet) Length-80cm Height-50cm Breadth-5cm 3. Rollers (PVC Plastic) Diameter-5cm Height-40cm 4. Duster holders (Plywood) C Shaped Height-65cm Breadth-10cm Width-10cm Thickness-1.2cm 5. Dusters (Sponge) 1st pattern 2nd pattern 3rd pattern Length Breadth 28cm 3 cm 14cm 3cm 40cm 3cm 6. AC to DC Converter Voltage-12V Current-3A 7. White board surface Length-19 Breadth-40 2cm cm 8. Cam and followers Outer diameter- 6 cm Inner diameter- 3 cm Type- Tangent cam 9. Springs Mean diameter - 20 mm Coil diameter - 1 mm 10. Stand Cross sections: 1. 2.56 cm 2. 3.175 cm 3. 3.81 cm

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

(54) Title of the invention : MULTI-SEED SOWING MACHINE

(51) International classification	:A01C 7/00, A01C 5/00	(71)Name of Applicant : 1)SHEWALE PAVAN DNYANDEV Address of Applicant :NAKSHTRA BUILDING, JAVADEKAR ROAD, YALLAMA CHOWK, ISLAMPUR, TAL-WALWA, DIST-SANGLI, MAHARASHTRA, (INDIA)-415409 Maharashtra India
(31) Priority Document No	:NA	2)AMOL BALASAHEB ROHOKALE
(32) Priority Date	:NA	3)RUPNAVAR TUSHAR HANMANT
(33) Name of priority country	:NA	4)PINGALE SANDIP LAXMAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHEWALE PAVAN DNYANDEV
(87) International Publication No	: NA	2)AMOL BALASAHEB ROHOKALE
(61) Patent of Addition to Application Number	:NA	3)RUPNAVAR TUSHAR HANMANT
Filing Date	:NA	4)PINGALE SANDIP LAXMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The main purpose behind development of this seed sowing machine machine is to achieve required seed to seed and row to row distance. To achieve this a new seed metering device is designed which consists of discs keyed to shaft has equally spaced radial holes ensures the equal spacing between the seeds and pipe distance can be manually adjusted to achieve row to row spacing. The holes no. of holes on the disc can be varied to sow different seeds at required spacing. Different types of seeds can be sowed without any loss of seeds with uniformity in seed distribution. SPECIFICATION PARTS Spur gear 1. Gears Addendum :- 5 mm and Dedendum :- 5mm Whole depth :-10mm PCD :- 100mm 102-OD , 22-ID, THK-22 mm,V-pulley 2. Belt and pulley 3. Pedestal bearing ID-20:- Bearing no-UC204DI,Bolt size-M10, Length- 127 mm, Ht. Upto centre from base(H)-33.3 ID-30:- Bearing no-UC206DI,Bolt size-M14,Length- 165 mm, Ht. Upto center from base(H)-42.9 mm Size :- 4040 mm 4. Square tube Thickness :- 3mm 5. Seed tank OD-190JHK-35 6. Rotor Dia.190x35Thk. 7. Rotor Qty-03 Nos. Dia. 30x194 Lg. 8. Upper Shaft Qty-01 No. Dia.30 x 580 Lg. 9. Lower Shaft Qty-01 No

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

(54) Title of the invention : PRESSURE COOKER WHISTLE COUNTER ALARM

(51) International classification	:G10K 5/00, A47J 27/00	(71)Name of Applicant : 1)MR. CHINMAY V. JOSHI Address of Applicant :DEPT. OF MECHANICAL ENGINEERING, PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, SECTOR 26, PRADHIKARAN NIGDI, PUNE- 411044, MAHARASHTRA STATE. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	2)MR. SHRINIVAS A. JORAPUR
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. CHINMAY V. JOSHI
(87) International Publication No	: NA	2)MR. SHRINIVAS A. JORAPUR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for counting the number of whistles of pressure cooker and getting informed in advance to shut off heating medium by providing an alarm system which will prevent overcooking, undercooking and prevent blowing off of safety valve and the basic principle used here is that UP and DOWN motion of Dead weight which is converted into connecting and disconnecting electronic circuit consisting of battery (AAA 1.5V) and counter + alarm through a rod rested upon a fulcrum and the Circuit consisting of battery and counter + alarm is known as CAC circuit (Counter And Alarm Circuit), which gets operated as, when the dead weight is in DOWN position (steam not getting released), thin rods ring end will be in DOWN position, and rod passing over fulcrum, the other end, ie free end will be in UP (raised) position, thus it wont close the CAC circuit and will remain open and when the Dead Weight will be in UP (raised) position, ring end of thin rod will also get raised and passing over the fulcrum, the free end will get lowered ie in DOWN position and free end of the rod will complete the CAC circuit, thereby activating the counter which will increase the count by 1, thus, the alarm system provided allows the cook to set required number of whistles (say fnr) and will beep on last but one whistle (n-1) to shutdown the heating medium, thereby giving the cook a window of time to approach the heating medium and turn it off after desired whistle and approximate cost of the system is very small and shall be around Rs 400.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3612/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :23/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SMART SYSTEM TO KEEP TV REMOTES TOGETHER

(51) International classification	:H04L 25/00,H04L 5/00	(71)Name of Applicant : 1)MR. AATISH ATUL PRABHUNE Address of Applicant : 'ABC RUTUJA ELEGANCE', SECTOR NO-26, 'A' WING, FLAT NO-24, NIGDI PRADHIKARAN, PUNE-411044, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	2)MR. NARENDRA BHIMRAO KULKARNI
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MR. AATISH ATUL PRABHUNE
(86) International Application No	:NA	2)MR. NARENDRA BHIMRAO KULKARNI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to the field of electronics and gadgets mainly to the remote system, this invention is associated with holding of two remotes together so that both remotes are available at a time while using the system especially in case of television remote and setup box remote, more particularly this invention relates to fitting of back cover to the remote system and the pair of magnetic strips attached to it with the help of which both remotes will be available at the time of use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3613/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :23/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WIRELESS SMART AND COMPACT POWER HOUSE FOR MOBILE

(51) International classification	:H04B5/00, H02J 7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NARENDRA BHIMRAO KULKARNI
(32) Priority Date	:NA	Address of Applicant :RAJHANS, SR.NO.289, GANESH
(33) Name of priority country	:NA	COLONY, KESHAVNAGAR, CHINCHWAD, PUNE-411033,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	2)MR. AATISH ATUL PRABHUNE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NARENDRA BHIMRAO KULKARNI
Filing Date	:NA	2)MR. AATISH ATUL PRABHUNE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a wireless battery backup for charging a mobile phone, This system will be beneficial as it is compact and wireless system for charging any mobile phone /This invention relates to the system which will be a wireless attachment to a mobile phone useful for battery charging as and when required ,This invention relates to the system of eliminating the use of transmission wires, The wireless battery backup includes a casing, a printed circuit board disposed in the casing, a rechargeable battery disposed in the casing and electrically connecting to the printed circuit board, battery level indicator ,ON/OFF switch, flexible movable charger tip and a slot for charging the system ,The charger tip is directly coupled to the charging slot of the mobile phone and once the switch is put ON the mobile starts charging, the charging can be stopped at any moment once the switch is put OFF.

No. of Pages : 7 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2608/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :08/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYDRODYNAMIC APPLICATION IN TRANSMISSION SYSTEM AND ITS ANALYSIS IN MANUAL TRANSMISSION VEHICLES

(51) International classification	:B60K 6/365	(71)Name of Applicant : 1)Devesh upadhyay
(31) Priority Document No	:NA	Address of Applicant :Q no. P4 Dr BAMU campus
(32) Priority Date	:NA	Aurangabad Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Devesh upadhyay
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Engineers and researchers are focused mostly on the engine arrangements and gear box assemblies to get the most feasible optimal output of the vehicle concerned about the speed. This invention addresses the method of increasing the load carrying capacity and low fuel consumption of the vehicle. A hydraulic system is used to drive the output shaft of the transmission line followed by the elimination of two gear ratios of the gear box. This hydraulic system will be operated by the shift-shafts and the accelerator paddle of the vehicle. Diameter ratio of the driver (hydraulic) to the synchronous component (driven) which is fixed on the output shaft is considered and is followed by the different speeds in fixed ratio of the driver and driven. For obtaining the feasible optimal output, graphical analysis is made possible using MATLAB. To support the analysis of the same topic, experimental parameters are considered. Keyword :- hydraulic system, pump, transmission system, gear, shift-shaft, output shaft, pressure regulator, accelerator paddle, oil, double acting cylinder, synchronous hub, synchronous ring, actuators, DCV (Direction control valve), absolute manifold pressure, ECU (electronic control unit)

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3571/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ROLOTRACK

(51) International classification	:G06F 17/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHRADDHA HINGAWE
(32) Priority Date	:NA	Address of Applicant :PLOT NO 59, DUPARE LAYOUT,
(33) Name of priority country	:NA	SWAWLAMBI NAGAR, NEAR LAST BUS STOP, NAGPUR
(86) International Application No	:NA	440022, MAHARASHTRA STATE, INDIA. Maharashtra India
Filing Date	:NA	2)CHANDRAVAISHNAVI AJAY
(87) International Publication No	: NA	3)PRIYANKA CHOUBEY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHRADDHA HINGAWE
(62) Divisional to Application Number	:NA	2)CHANDRAVAISHNAVI AJAY
Filing Date	:NA	3)PRIYANKA CHOUBEY

(57) Abstract :

ROLOTRACK IS A SIMPLE BOARD GAME ,PLAYED BETWEED TWO OR MORE PLAYERS ON A SPECIALLY DESIGNED GAMEBOARD HAVING NUMBERED ,GRIDDED SQUARES WITH VARIOUS ELECTRONIC COMPONENTS SUCH AS DIODES ,CAPACITORS,RESISTORS, POWER SUPPLY,SWITCH PICTURED ON THE BOARD WITH THEIR SPECIFIC CHARACTERISTICS DETERMINING THE MOVEMENT OF THE TOKENS ON THE BOARD.THE TOKEN REACHING THE HUNDREDTH GRID FIRST IS THE WINNER.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2211/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MEDICAL IMAGE PROVIDING APPARATUS AND MEDICAL IMAGE PROCESSING METHOD OF THE SAME

(51) International classification :A61B5/055,A61B6/03,A61B8/00
(31) Priority Document No :10-2014-0005206
(32) Priority Date :15/01/2014
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2015/000273
Filing Date :12/01/2015
(87) International Publication No :WO 2015/108306
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon
si Gyeonggi do 443 742 Republic of Korea
(72)Name of Inventor :
1)GULAKA Praveen
2)SRINIVASAN Girish
3)LEE Yeon ju

(57) Abstract :

Provided is a medical image providing apparatus including: a display configured to display a first image including an object; a user interface (UI) configured to output a first list comprising at least one protocol applied while scanning the object in response to in response to a first region included in the first image being selected and to receive a selection of a first protocol included in the first list; and a controller configured to control to overlay and display a second image reconstructed by using image data obtained by applying the first protocol on the first region of the first image.

No. of Pages : 94 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3608/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR TICKETING USING FACE REGISTRATION AND DETECTION

(51) International classification	:G06Q	(71)Name of Applicant :
	30/06	1)NARESH LAXMINARAYAN GROVER
(31) Priority Document No	:NA	Address of Applicant :245H, Raj Laxmi Marg, Civil Lines,
(32) Priority Date	:NA	Nagpur Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)NARESH LAXMINARAYAN GROVER
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention may be a combination of ticketing system and biometric system wherein facial biometrics may be used for issuing and authenticating electronic tickets. The electronic tickets may be obtained by the user by face registration of the user and the authentication may be executed by a face detection means at an entry point. The electronic ticket obtained by a user in the user device is an encryption of the one or more second image(s) and details provided by the user which can be read by the server or the detecting means. The authentication process or method may be executed by comparing one or more first image(s) captured by the detecting means to the one or more second image(s) present in the memory of the user device.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2751/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :21/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED BEVERAGE MIXING BOTTLE (SHAKER)

(51) International classification	:A47J43/27	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sneha Ashok Nagarkar
(32) Priority Date	:NA	Address of Applicant :SNEHANKIT, S NO 125,SWAMI
(33) Name of priority country	:NA	VIVEKANAND PARK, AHERNAGAR, CHINCHWADGAON,
(86) International Application No	:NA	PUNE-411033 Maharashtra India
Filing Date	:NA	2)Saurabh Rajendra Ingawale
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Saurabh Rajendra Ingawale
Filing Date	:NA	2)Manisha Rajendra Ingawale
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: An improved beverage mixing bottle (shaker)comprising: A) Half circular shaped compartments said half circular shaped container. Slit side of half circular shaped container said side wall. Side wall includes sliding joints which are one male and one female which is vertical joints. Same as container, caps side wall includes sliding joints but these sliding joints are horizontal. Flexible mechanical link said flexible flap which holds both half circular shaped caps when one cap is open &second is closed and its work as hinge in between two caps, which is also attached & detached when required to use two separate beverage mixing bottle (shakers). Both female sliding joints have stopper. These stoppers reduce chances ofslipin between two containers. This stopper is present at end of female sliding joint. B) Two half circular shaped containers and cap get attached with another half circular shaped cap and container with sliding joint and make two in one beverage mixing bottle (shaker) complete. Both beverage mixing bottle (shaker) are attachable and detachable with each others, when required to use two different beverage mixing bottles (shakers) or as a two-in-one beverage mixing bottle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3590/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :22/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SHRI RAM PLASTIC DAM TECHNIQUE THROUGH SOLVE WASTE PLASTIC PROBLEM

(51) International classification	:E02B	(71)Name of Applicant :
(31) Priority Document No	3/10	1)DESHMUKH SACHIN SANDIPAN
(32) Priority Date	:NA	Address of Applicant :AT. PO - SHIRDHON, TEL -
(33) Name of priority country	:NA	KAVATHE MAHANKAL, DIST-SANGLI, MAHARASHTRA,
(86) International Application No	:NA	INDIA. PIN CODE - 416419 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DESHMUKH SACHIN SANDIPAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Shri ram plastic dam technique is use to solve world plastic pollution problem .with the help of this technique rain water stopped in river so that water level is incriageous .occurs financial demand to the waste plastic material so many peoples basic needs will be complited.This dam can be build in reasonable cost and thats structure is very easy so development can be possible. This dam use to stop flow of water with the help o fwaste plastic material which is freely available in the earth. 100% water cant be stopped with the help of this technology so maximum people can be utilized benefit of water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3184/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A Secured, Scalable Smart Communication Gadget Based System for Organizers & Subscribers to Confluence in Time, Space Independent Random Winner Competitions

(51) International classification	:H04N 21/43	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mandar Bhagwat
(32) Priority Date	:NA	Address of Applicant :B-204, Colina Vista Opp Kubera Bahar
(33) Name of priority country	:NA	Baner- Pashan Link Road, Pashan, Pune Maharashtra India
(86) International Application No	:PCT//	2)Vivek Tiwari
Filing Date	:01/01/1900	3)Pravin Kulkarni
(87) International Publication No	: NA	4)Nikhil Gore
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mandar Bhagwat
(62) Divisional to Application Number	:NA	2)Vivek Tiwari
Filing Date	:NA	3)Pravin Kulkarni
		4)Nikhil Gore

(57) Abstract :

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1560/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CASCODED CMOS LOW NOISE TRANSCONDUCTANCE AMPLIFIER WITH ENHANCED NOISE AND GAIN PERFORMANCE

(51) International classification	:H03F1/26, H03F3/45	(71) Name of Applicant : 1)MR. DIPAK JAYANT DAHIGAONKAR Address of Applicant :1-5, TATYA TOPE NAGAR, NAGPUR-440015, MAHARASHTRA, INDIA Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. DIPAK JAYANT DAHIGAONKAR
(33) Name of priority country	:NA	2)MR. MAYANK BHUPENDRA THACKER
(86) International Application No	:NA	3)DR. DINKAR GOVINDRAO WAKDE
Filing Date	:NA	4)MR. PRATIK NAMDEORAO KATOLKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cascode CMOS low-noise, low power, linear transconductance amplifier having good stability over intended range of radio frequency is generally described herein. Other embodiment(s) may be described and claimed. In an embodiment, a cascode gain stage including a first NMOS transistor configured to operate in common source configuration, receive radio frequency input signal for amplification. In an exemplary embodiment, the low noise transconductance amplifier comprises a common source NMOS transistor and a common gate NMOS transistor which is coupled to an output node. The cascode amplifier may include integrated filter(s) to attenuate undesired signal(s). The input matching network is coupled with gate of first common source NMOS transistor which is cascoded with second NMOS transistor to enhance amplifier gain. The cascode amplifier may be biased and designed in such a way to produce linear output current to avoid current compression or excessive current expansion. In other embodiment, a PMOS transistor together with NMOS transistor forms a complementary metal oxide semiconductor (CMOS) structure, which facilitate(s) noise & distortion reduction, which is essential feature of front end circuit used in wireless communication receiver. In some embodiment, the resonant trap(s) are used at the output of first transistor to attenuate noise thereby increasing overall system efficiency. In another embodiment, a single to dual converter (SDC) is designed for signal conversion that may be required for mixer element of wireless receivers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3195/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :21/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOCKING AND UNLOCKING GEAR LEVER ONLY FOR THE REVERSE GEAR.

(51) International classification	:B23Q16/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANISH DHANRAJ TALELE
(32) Priority Date	:NA	Address of Applicant :LAXMAN RESIDENCY, FLAT
(33) Name of priority country	:NA	NO.B-9, MORWADI, PIMPARI, PUNE-411018, TAL-HAWELI,
(86) International Application No	:NA	MAHARASHTRA Maharashtra India
Filing Date	:NA	2)YOGIRAJ MADHUKAR TALELE
(87) International Publication No	: NA	3)UMESH ROHIDAS BENDALE
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANISH DHANRAJ TALELE
(62) Divisional to Application Number	:NA	2)YOGIRAJ MADHUKAR TALELE
Filing Date	:NA	3)UMESH ROHIDAS BENDALE

(57) Abstract :

The system is locking the riverse gear place by the button(101) with case(105) is mount on the lever case it is for locking and unlocking system in one press.key(102) is giving conformation the locking and unlocking of button.Iever(103) shiftes the gear in automobile vechicle.the locking setup is mounting on or in the lever case(104).The indication system(201) is on the chasis(204) which is give indication for alert driver.the button system(206) is giving at left hand side of driver.the driver seat(205)is mount at the gear shifting lever.mirror(203) and stearing(202) is use in driving.Front mirror(203) is use to see for driving.This system is always lock and unlock with the reverse gear as per demands of driver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3425/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :06/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTI PURPOSE SMART PEN

(51) International classification	:G06F 3/01	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAHASRABUDHE OMKAR MUKUND
(32) Priority Date	:NA	Address of Applicant :B-7 Sunshine Residency, New Sangavi, Pune 411027, Maharashtra, India; Maharashtra India
(33) Name of priority country	:NA	2)KACHOLE SANKET SUBHASH
(86) International Application No	:NA	3)ZARKAR MANGESH DEVENDRA
Filing Date	:NA	4)Sneha Nagarkar
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SAHASRABUDHE OMKAR MUKUND
Filing Date	:NA	2)KACHOLE SANKET SUBHASH
(62) Divisional to Application Number	:NA	3)ZARKAR MANGESH DEVENDRA
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention provides a multipurpose stationary smart pen. The said multipurpose pen modules provided for holding different elements. The elements include stationary usable like eraser, pen, glue stapler etc. The elements are mounted on the said modules and can be attached or detached as per usage. The stationary elements can be used easily and carried easily .The said multipurpose pen also contains a LED pointer and a digital watch which increases its utility.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2647/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :13/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR CREATING ARTIFICIAL AIR FLOW AND GENERATING ELECTRICITY

(51) International classification	:H04R	(71)Name of Applicant :
(31) Priority Document No	3/00	1)Sneha Ashok Nagarkar
(32) Priority Date	:NA	Address of Applicant :Sneha Ashok Nagarkar, SNEHANKIT,
(33) Name of priority country	:NA	S NO 125,SWAMI VIVEKANAND PARK, AHERNAGAR,
(86) International Application No	:NA	CHINCHWADGAON, PUNE-411033 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Birudev Narayan Hajare
(61) Patent of Addition to Application Number	:NA	2)Sandeep Ankush Bhokase
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for creating artificial air flow and generating electricity comprises of a blower , an air jet , an air duct , an air speed booster , a rotary vane unit ,silencer , pressure controller, control panel , assembled in a pre-determined order, to facilitate increase of wind velocity and gain control over it. The windmill thus envisaged is rotary vane unit for power generation such that the windmill now serves as a wind turbine. According to the aspect of the present invention there is provided: 1. Air supply initiating means (4 No. of blowers) 10 adapted to initiate the air supply at a predetermined speed for the operation of the turbo generator. 2. Air speed enhancing means 12 connected to the air supply initiating means 10, the air speed enhancing means 12 adapted to generate air with a pre-determined enhanced speed. 3. An air duct 14 comprising at least one entry end and one exit end, the air duct 14 adapted to receive air with the enhanced speed at the entry end. 4. Air speed booster 16 provided in the air duct 14 in close proximity to the exit end, the air speed booster 16 adapted to reduce the volume of the air duct 14 and generate air with a pre-determined boosted speed; 5. A turbine adapts to receive air with the boosted speed and convert the energy of the air with the boosted speed to rotational energy. 6. Generator is coupled to the turbine which produces electrical output. 7. Turbine and generator together called as rotary vane unit 18. 8. Pressure controller unit 22 consists of 6 exhaust fan to create negative pressure past the rotary vane unit 18. 9. A silencer 20 to reduce the noise. 10. A control panel 24 to control the system electric supply.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3436/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :07/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A MAGNETIC ACUPRESSURE BOARD FOR RELIEVING BACKPAIN

(51) International classification	:A61H 23/00	(71)Name of Applicant : 1)Uma Innovative Manufacturing Company
(31) Priority Document No	:NA	Address of Applicant :OnBavla-Bagodara Highway, Near -
(32) Priority Date	:NA	Savasthi Jain Temple, Opp. Ramnagar Patiya, Bavla, Ahmedabad
(33) Name of priority country	:NA	382220, Gujarat, India Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Patel Baldevbhai Ramanlal
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a magnetic acupressure board for relieving back pain. A magnetic acupressure board has a plurality of knobs extending upwardly there from the base which are positioned within outlines of average shoulder, spine and pelvic area of humans. The knobs are positioned at reflex points for attaining acupressure treatment when the user sleeps on the same. Each knob contains the magnetic button at the top which provides synergistic effect in pain relief with acupressure. The user can adjust the height of the knobs by adjusting the bolt to create greater pressure on the needed reflex points and have more intense massage therapy at specific location. The device includes adjustments and modules to be compatible with all sizes, shapes, and varied health conditions of humans. The device provides advantages like portable, self-efficient, easy to use, and versatile means for back pain relief.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3007/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :10/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVEMENT IN CRICKET TECHNOLOGY

(51) International classification	:A63B	(71)Name of Applicant :
	53/14	1)SURAJ KANTRAO PANCHAL
(31) Priority Document No	:NA	Address of Applicant :AWANTI NAGAR, BARSHI ROAD,
(32) Priority Date	:NA	LATUR-413512 Maharashtra India
(33) Name of priority country	:NA	2)PRASHANT KANTRAO PANCHAL
(86) International Application No	:NA	3)Sneha Nagarkar
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SURAJ KANTRAO PANCHAL
(61) Patent of Addition to Application Number	:NA	2)PRASHANT KANTRAO PANCHAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The present invention provides an advanced cricket technology monitoring system. This system includes sensors at boundary line and crease line which configured automatic sensing. Another feature in this system is it gives alertness with the help of sensors when fielder or ball touches the crease line and boundary line then LEDs light will glow. So that activation of the alerting indicates that this recorded live action on ground is broadcasted on television coverage of a cricket ground and used by a television third umpire or the umpire who is present on ground for adjusting catchTMs and runs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3463/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :09/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NON-GMO WHEAT GLUTEN DERIVED GLUTAMINE RICH PEPTIDE BASED BIOSTIMULATING ORGANIC FERTILIZER AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A01N 43/42	(71) Name of Applicant : 1)CHAUDHRY SUUNIL SUDHAKAR
(31) Priority Document No	:NA	Address of Applicant :A,86/89 MIDC, Industrial area, Jalgaon
(32) Priority Date	:NA	425003, Maharashtra, India. Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)CHAUDHRY SUUNIL SUDHAKAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses herein non-GMO wheat gluten derived Glutamine rich peptide based biostimulating Organic Fertilizer that enhances photosynthesis and increases chlorophyll content in the plant and to the process for preparation thereof

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4046/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AGRITECH AUTOMATION ON SEEDING AND FERTIGATION : A REVOLUTION IN AGRICULTURE

(51) International classification :G06K9/00, (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)VADODARA INSTITUTE OF ENGINEERING (DR. JAYESH KUMAR S. PATEL) Address of Applicant :VADODARA INSTITUTE OF ENGINEERING VADODARA-HALOL TOLL ROAD, AT: KOTAMBI, TA: WAGHODIA, DIST: VADODARA-391510, GUJARAT, INDIA Gujarat India 2)TARAKKUMAR RAKESHKUMAR DOSHI 3)JAY UMESHBHAI JOSHI 4)PRIT DHANANJAY UPADHYAY 5)RITESH JITENDRABHAI VYAS 6)VISVAS BANKIMCHANDRA RAJYAGURU (72)Name of Inventor : 1)TARAKKUMAR RAKESHKUMAR DOSHI 2)JAY UMESHBHAI JOSHI 3)PRIT DHANANJAY UPADHYAY 4)RITESH JITENDRABHAI VYAS 5)VISVAS BANKIMCHANDRA RAJYAGURU
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(57) Abstract :

India is an agriculture driven country. Farming practices throughout the world, including India, has revolutionized food production, enabling it to maintain pace with the population growth. The objective of the research is to develop a unified farming system which includes crinkle system, seeding system and fertigation system using latest electronic neural system (run by microcontroller) with mechanical skeleton. The research will discuss the application of our unit in Indian agriculture for cotton, different oil seeds & corn. Moreover the research emphasize on enhancement of crop quality; precise application of agrochemicals and preservation of operator comfort with economy and safety. In this unit, various mechanical components (like chassis, pneumatic system etc.) and electrical components (like microcontroller, encoders, sensors etc.) are used. Keywords: crinkle, seeding, fertigation, encoder, pneumatic system, Economy, agriculture, microcontroller.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3047/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :12/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PREPARING CHEMICAL CROSS LINKED POLYETHYLENE CLOSE CELL FOAM WITH AIR GAPS DESIGNED TO ACHIEVE DESIRED EFFICACY

(51) International classification	:A61K 47/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE SUPREME INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :612, RAHEJA CHAMBERS,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400 021, INDIA Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. AMIT KUMAR GHOSH
(61) Patent of Addition to Application Number	:NA	2)DR. GOURISHANKER JHA
Filing Date	:NA	3)MR. AJAY KUMAR GULERIA
(62) Divisional to Application Number	:NA	4)MR. VIJAY KUMAR SINGH
Filing Date	:NA	

(57) Abstract :

The present invention discloses a closed cell foam made of cross linked polyethylene and also discloses a method to produce the foam. The foam has an enhanced property of providing better thermal insulation and the same is achieved by incorporation of air gaps in the polyethylene foam.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3251/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MANUFACTURING PROCESS FOR BLOCK FOAM BY BLENDING OF RECYCLE CROSS LINKED LOW DENSITY POLY ETHYLENE (LDPE) FOAM AND UNCROSS LINKED REPROCESS LDPE WITHOUT ANY COMPATILIZER FOR MAKING SAME

(51) International classification	:C08J 9/14	(71) Name of Applicant : 1)THE SUPREME INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :612, RAHEJA CHAMBERS,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI-400 021, INDIA Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. AMIT KUMAR GHOSH
(87) International Publication No	: NA	2)MR PIYUSH YADAV
(61) Patent of Addition to Application Number	:NA	3)MR SHAILESH GUPTA
Filing Date	:NA	4)DR. GOURISHANKER JHA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a process which comprises of blending of cross linked recycled low density poly ethylene and uncross linked reprocess low density poly ethylene without the use of a compatibilizer to produce a polymer product that can be used commercially.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3252/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD OF FORMING COMPOSITE REUSABLE MULTI LAYER PROTECTIVE FLOOR MAT

(51) International classification	:C04B 7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE SUPREME INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :612, RAHEJA CHAMBERS,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI-400 021, INDIA. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. AMIT KUMAR GHOSH
(61) Patent of Addition to Application Number	:NA	2)MR. SACHIN C DESHPANDE
Filing Date	:NA	3)MR. AJAY KUMAR GULERIA
(62) Divisional to Application Number	:NA	4)DR. GOURISHANKER JHA
Filing Date	:NA	

(57) Abstract :

The present invention discloses a floor protector mat which comprises of three layers. These three layers comprise of an expanded cross linked polyethylene foam, an HD Film and a cross laminated poly ethylene or alternatively a woven sacks mat. The floor protector mat imparts an ant skid property and an improved puncture and wearing resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3487/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MATTRESSES PROVIDING LUXURIOUS COMFORT AND ORTHOPEDIC SUPPORT TO THE BODY

(51) International classification	:A47C27/14, A47C31/12	(71)Name of Applicant : 1)FOAM HOME INDIA PVT. LTD. Address of Applicant :69, GIRNAR BUILDING, TARDEO ROAD, MUMBAI - 400 034 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BHANPURAWALA, HUSENI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to mattresses providing luxurious comfort and Orthopedic support to the body which provide comfort similar to the comfortable mattresses commercially available as well as which provide support to the body similar to the orthopedic mattresses commercially available. These mattresses are filled in such manner that the neck, back, hips and legs remain at the same level while sleeping as against the conventional comfortable mattresses in which the back and hips sink in the mattress due to weight. This feature averts the pain felt in the body due to sleeping on improper mattresses.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3040/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :11/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED MATCHSTICKS

(51) International classification	:A61K 31/765	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Ganesh Dnyandeo Dudhe
(32) Priority Date	:NA	Address of Applicant :At post Pande Tal-Karmala Dist-solapur
(33) Name of priority country	:NA	413203 Maharashtra India
(86) International Application No	:NA	2)Nilesh Bhausahab Chavanke
Filing Date	:NA	3)Shivani Amar Shitole
(87) International Publication No	: NA	4)Sneha Nagarkar
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ganesh Dnyandeo Dudhe
(62) Divisional to Application Number	:NA	2)Nilesh Bhausahab Chavanke
Filing Date	:NA	3)Shivani Amar Shitole

(57) Abstract :

ABSTRACT According to this invention, there is provide improved matchsticks which deals with 1) Use of one matchstick twice. Due to double use of one stick we can reduce cost of matchstick box. 2) Increasing the thickness of the matchstick for safety purpose. In this invention, there is provided improved matchsticks in which we are increasing the thickness in the central part of the matchstick. The part where we have increased the thickness is coated with non-flammable material so that when one end of the stick catches fire and when it will reach to the center near the non-flammable material the fire will extinguish and then we can use the matchstick from the other side also as the phosphorus material is coated at both the ends of the matchsticks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2699/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :16/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : EQUIPMENT WITH HAND OPERATED BRAKES BASED ON HEMISPHERICAL VESSEL FOR SLIDING DOWN BY GRAVITATIONAL FORCE FROM HIGH ALTITUDE TO LOW ALTITUDE WITHOUT USE OF ARTIFICIAL ENERGY.

(51) International classification	:A61B 5/0205	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sneha Ashok Nagarkar
(32) Priority Date	:NA	Address of Applicant :SNEHANKIT, S NO 125,SWAMI
(33) Name of priority country	:NA	VIVEKANAND PARK, AHERNAGAR, CHINCHWADGAON,
(86) International Application No	:NA	PUNE-411033 Maharashtra India
Filing Date	:NA	2)Ankita Ashok Nagarkar
(87) International Publication No	: NA	3)Sunita Ashok Nagarkar
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sneha Ashok Nagarkar
(62) Divisional to Application Number	:NA	2)Ankita Ashok Nagarkar
Filing Date	:NA	3)Sunita Ashok Nagarkar

(57) Abstract :

ABSTRACT: Worldwide crores of people use steps, lift and man lifted chairs to come down from high altitude to low altitude. This method of stepping down is highly uncomfortable and painful specifically for the persons with health problems. The present equipment will clearly give solution to sliding down for all types of person. It will make it easy, without use of any external energy and pollution free. The present invention relates to equipment based on hemispherical vessel of diameter around 600 mm or any suitable diameter. It has a provision of handle and hand operated brakes. It also has a provision of strong metallic clips placed in metallic wire for sliding down by gravitational force without use of artificial energy. One or more interlinked hemispherical vessel at the base slides in downward direction over metallic surface and velocity is controlled by operating hand brakes. Equipment can be operated by any person and other person also can assist during operation; it does not require special qualification or training. Equipment can be used to avoid use of legs for stepping down from high altitude to low in any place or building where people use steps. Equipment is cost efficient, easily adaptable worldwide. And it does not cause any kind of pollution like sound, air etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3511/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :14/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INHALABLE PEGYLATED COMPOSITE NANOPARTICLES OF PLGA AND POLYETHYLENIMINE FOR DELIVERY OF PDNA TO LUNGS

(51) International classification	:A61K 48/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. AMBIKANANDAN RAJNARAYAN MISRA
(32) Priority Date	:NA	Address of Applicant :PHARMACY DEPARTMENT,
(33) Name of priority country	:NA	FACULTY OF TECH. & ENGG., THE MAHARAJ
(86) International Application No	:NA	SAYAJIRAO UNIVERSITY OF BAROAD, POST BOX NO. 51,
Filing Date	:NA	KALABHAVAN, VADODARA-390001, GUJARAT, INDIA.
(87) International Publication No	: NA	Gujarat India
(61) Patent of Addition to Application Number	:NA	2)DR. ATUL ARUN KOLATE
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)DR. AMBIKANANDAN RAJNARAYAN MISRA
Filing Date	:NA	2)DR. ATUL ARUN KOLATE

(57) Abstract :

Present investigation includes development of dry powder for inhalation of pDNA loaded PEGylated composite nanoparticles of PLGA and Polyethylenimine to treat cystic fibrosis. Nanoparticles were developed by using double emulsion solvent evaporation method. Further nanoparticles were converted into dry powder for inhalation using freeze drying method. In vitro cell line studies were carried out to find out the safety and efficacy of the formulations. In vitro lung deposition studies and in vivo animal studies were also carried out to confirm the effectiveness and safety of developed dry powder formulation in treatment of cystic fibrosis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3513/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :14/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RETRACTABLE MOBILE ARENA SYSTEM

(51) International classification	:A63F 13/26	(71)Name of Applicant : 1)MR. SUDHIR ANAND
(31) Priority Document No	:NA	Address of Applicant :1,2,3, SNEH DEEP BUILDING,
(32) Priority Date	:NA	GOKHALE ROAD, IN FRONT OF MOSQUE, VILE PARLE
(33) Name of priority country	:NA	EAST, MUMBAI-400 057, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. SUDHIR ANAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable seating arrangement with (a) multi-tier arrangement (b) consists of a hexagonal Csection guide rail (c) in a container shaped steel frame (d) easy to transport anywhere (e) gives magnifying view to viewers (f) minimum multi-level seating of 62/112 seats for 6 and 11 Row systems and 30-40 spectator standing (g) a Cshape metal moves into a hexagonal C section of guide rail slot which gives convenience and safety (h) base and supports gives complete safety (as shown in Picture 3 above) (i) Secured railing at three sides (j) 4.5mm steel base structure which can take load up to 29,400N (3000kg) (k) small back seats which can be push back (l)easy to load/unload and transport (m) easy to assemble/dissemble.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.588/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :23/02/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR SYNTHESIS OF NANOPARTICLES USING TRYPTONE AS A REDUCING AGENT.

(51) International classification	:A61K 31/4709	(71)Name of Applicant : 1)SOURABH MEHTA MADHAV Address of Applicant :UNIVERSITY OF MUMBAI, VIDYANAGARI, KALINA, SANTACRUZ (E), MUMBAI 400098, INDIA. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)MATHURAJAN HARRIES
Filing Date	:NA	3)D'SOUZA JACINTA SERAPHINA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SOURABH MEHTA
Filing Date	:NA	2)DR. MATHURAJAN HARRIES
(62) Divisional to Application Number	:NA	3)DR. D'SOUZA JACINTA SERAPHINA
Filing Date	:NA	

(57) Abstract :

An invention for a process of scalable nanoparticle synthesis is described. The process includes tryptone, acting as reducing and stabilizing agent, and ion solution yielding said mono-dispersed nanoparticles with negative surface charge. Microwave is used for heating purpose and increasing kinetics of nanoparticle growth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3090/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :14/08/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NEUROMUSCULAR AND SENSOR BASED CONTROL METHOD FOR ACTIVE ANKLE PROSTHESIS

(51) International classification	:A61B 5/00, A61F2/66	(71)Name of Applicant : 1)Chovatiya Mayur D. Address of Applicant :18,shaktinagar society, bh. kanatareshwar mahadev temple, katargam,surat. Gujarat India
(31) Priority Document No	:NA	2)Solanki Rashmi V.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Chovatiya Mayur D.
(86) International Application No	:NA	2)Solanki Rashmi V.
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Neuromuscular and sensor based control method for active ankle prosthesis associated with the control method of ankleTMs angle in sagittal and coronal or frontal plane. Surface electromyography signal captured from residual limb muscles and processes in accordance with accelerometer and (OR) force transducer and used to detect intended ankle movement allows user controlled multi DOF movement. Which also provides automatic calibration of electromyography signal to remove various noise, SEMG artifacts, non-voluntary EMG and makes it universal to use. Force transducer and accelerometer used to detect phase of gait and accordance change the control strategy. It may also be used as standalone to change the position of ankle. I.e. dorsiflexion, plantarflexion, evert and invert movement.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2815/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :24/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR FABRICATION OF PAPER BASED MICRO FLUIDICS

(51) International classification	:D21H27/00, D21H25/00, B01L3/00	(71)Name of Applicant : 1)MEHTA SOURABH MADHAV Address of Applicant :NCNNUM, UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ (EAST), MUMBAI-400098, INDIA. Maharashtra India
(31) Priority Document No	:NA	2)MUTHURAJAN HARRIES
(32) Priority Date	:NA	3)D'SUZA JACINTA S
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MEHTA SOURABH MADHAV
Filing Date	:NA	2)MUTHURAJAN HARRIES
(87) International Publication No	: NA	3)D'SUZA JACINTA S
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An invention that describes the one step process for fabrication of paper based microfluidics devices. The process involves squeezing wax on stainless steel screen with desired pattern, kept on hot flat surface. The said process prints wax at desired location on paper or cellulosic substrate, creating hydrophobic and hydrophilic zone on desired locations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4868/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :14/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CLEAN ITSELF FABRIC

(51) International classification

:H01H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHARATH UNIVERSITY

Address of Applicant :173, Agharam Road, Selaiyur, Chennai

600 073 Tamil Nadu India

(72)Name of Inventor :

1)Dr.Prem Jeyakumar

2)Dr.Anbalagan

(57) Abstract :

This invention discloses Nanofabric textiles engineered to give ordinary materials, the properties of extreme water resistance, stain and odour resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4648/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :02/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN AUTOMATIC ELECTRICITY SAVING DEVICE

(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANSAR M A
(32) Priority Date	:NA	Address of Applicant :MUSLIYAM VEETIL HOUSE,
(33) Name of priority country	:NA	BRAHMAKULAM P O 680 104 GURUVAYOOR, TRISSUR.
(86) International Application No	:NA	KERALA, INDIA Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANSAR M A
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an automatic electricity saving device. In one embodiment, the device including a cam with one or more teeth positioned apart from each other, wherein the cam provides power connectivity by rotating based on time intervals and at least two parallel copper legs where first leg is smaller than second leg with first and second end, wherein the first end is in contact with each other for conductivity through copper tips and cam and the second ends coupled to the power supply, in-characterized with whenever cam rotates the first leg falls down from toothTMs end which separates first and second leg and cuts off the connectivity and provides connectivity when first and second leg is in contact through copper tips based on time interval.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4854/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AUTOMOTIVE WASTE HEAT RECOVERY COOLING SYSTEM

(51) International classification	:B60H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.Gopikrishna
(87) International Publication No	: NA	2)Vivek
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses a method for utilizing the waste heat from the automobile to drive the cooling system that cools the cabin of the automobile.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4855/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VARYING LOAD ACTIVE VEHICLE SUSPENSION

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.R.Venkatesh Babu
(87) International Publication No	: NA	2)Dr.S.Kabilan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses a method for an active vehicle suspension system comprising of a coiled spring that adapts to the road conditions, thereby providing more comfort to the occupants of the vehicle.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4856/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AUTO SELF OPERATED TOOTH BRUSH

(51) International classification	:A46B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.S.Kishore Kumar
(87) International Publication No	: NA	2)Dr.S.Bhuminathan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses the use of an automatic self operated tooth brush. The tooth brush has provision for bristles of various types such as rough, medium or smooth. The user is able to choose the relevant bristle for brushing purpose and the chosen bristles are used when the tooth brush is activated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4857/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NANO COOL BRA

(51) International classification

:A41D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHARATH UNIVERSITY

Address of Applicant :173, Agharam Road, Selaiyur, Chennai

600 073 Tamil Nadu India

(72)Name of Inventor :

1)Dr.J.Hameed Hussain

2)Dr. X.Charles

(57) Abstract :

This invention discloses a fabric coated in a solution of metallic nanowires such as AgNWs. This fabric is suitable to be used for stitching inner wear provide comfort to the wearer.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4880/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :14/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SOLAR POWERED SELF POWER LAPTOP TOP PANEL

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHARATH UNIVERSITY

Address of Applicant :173, Agharam Road, Selaiyur, Chennai
600 073 Tamil Nadu India

(72)Name of Inventor :

1)Dr. J. Sundeep Aanand

2)Dr. J. Hameed Hussain

3)Dr. K.P. Kaliyamurthie

(57) Abstract :

This invention discloses a laptop powered by a solar panel that is incorporated in the top panel of the laptop.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3763/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :22/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VIDEO MOSAIC IMAGE CREATION FOR SECURE SECRET IMAGE TRANSMISSION

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VELTECH DR. RR & DR. SR TECHNICAL UNIVERSITY

Address of Applicant :#42, AVADI - VELTECH ROAD, AVADI, CHENNAI - 62, Tamil Nadu India

(72)Name of Inventor :

1)ARUN MOZHI SIVAKUMAR

(57) Abstract :

A new technique for secure image transmission is proposed, which transforms a secret image into a meaningful mosaic image with the same size and looking like a preselected target image. The transformation process is controlled by a secret key, and only with the key can a person recover the secret image nearly lossless from the mosaic image. Specifically, after a target image is selected arbitrarily, the given secret image is first divided into rectangular fragments called tile images, which then are fit into similar blocks in the target image, called target blocks, according to a similarity criterion based on color variations. Next, the color characteristic of each tile image is transformed to be that of the corresponding target block in the target image, resulting in a mosaic image which looks like the target image. Relevant schemes are also proposed to conduct nearly lossless recovery of the original secret image from the resulting mosaic image. The proposed method is new in that a meaningful mosaic image is created, in contrast with the image encryption method that only creates meaningless noise images. Also, the proposed method can transform a secret image into a disguising mosaic image without compression, while a data hiding method must hide a highly compressed version of the secret image into a cover image when the secret image and the cover image have the same data volume.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4891/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VOICE TRANSLATION FINGER PRINT SCANNER

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHARATH UNIVERSITY

Address of Applicant :173, Agharam Road, Selaiyur, Chennai

600 073 Tamil Nadu India

(72)Name of Inventor :

1)Dr. J. Sundeep Aanand

2)Dr. J. Hameed Hussain

3)Dr. K.P. Kaliyamurthie

(57) Abstract :

This invention discloses a finger print scanner that can be used to translate a written document from one language to another. A provision for voice translation is also provided, thereby enabling the translated document to be read out in audio mode.

No. of Pages : 5 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3762/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :22/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN EFFICIENT USER AUTHENTICATION USING CAPTCHA AS GRAPHICAL PASSWORD SCHEME

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VELTECH DR. RR & DR. SR TECHNICAL
(32) Priority Date	:NA	UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :#42, AVADI - VELTECH ROAD,
(86) International Application No	:NA	AVADI, CHENNAI - 62, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KEERTHIS
(61) Patent of Addition to Application Number	:NA	2)MUMTAJ.A
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Many security primitives are based on hard mathematical problems. Using hard AI problems for security is emerging as an exciting new paradigm, but has been underexplored. In this invention, we present a new security primitive based on hard AI problems, namely, a novel family of graphical password systems built on top of Captcha technology, which we call Captcha as graphical passwords (CaRP). CaRP is both a Captcha and a graphical password scheme. CaRP addresses a number of security problems altogether, such as online guessing attacks, relay attacks, and, if combined with Dual-view technologies, shoulder-surfing attacks. Notably, a CaRP password can be found only probabilistically by automatic online guessing attacks even if the password is in the search set. CaRP also offers a novel approach to address the well-known image hotspot problem in popular graphical Password systems, such as Pass Points, that often leads to weak password choices. CaRP is not a panacea, but it offers reasonable security and usability and appears to fit well with some practical applications for improving online security.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3605/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : REDUCTION OF PATCH SIZE USING DELTA++

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VELTECH DR. RR & DR. SR TECHNICAL
(32) Priority Date	:NA	UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :NO.42, AVADI - VELTECH ROAD,
(86) International Application No	:NA	AVADI, CHENNAI - 62, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)V.E.DIVYA
(61) Patent of Addition to Application Number	:NA	2)N.T.VIDHYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This method of creating and deploying update patches improves on Google Smart Application Update by first unpacking the Android Application Package and then compressing its elements individually. The smart phone user can then download a smaller patch. Experiments show that performance yields 49 percent more reduction relative to Googles solution, increasing the savings in cellular network bandwidth use and resulting in lighter application server loads. This reduction in Android application-update traffic could translate to a 1.7 percent decrease in annual US cellular traffic. Similar methods applied to I Phone application updates could yield even greater savings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3606/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENHANCEMENT OF SECURITY BY CLASSIFICATION UPON ATTACKS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VELTECH DR. RR & DR. SR TECHNICAL
(32) Priority Date	:NA	UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :NO.42, AVADI - VELTECH ROAD,
(86) International Application No	:NA	AVADI, CHENNAI - 62, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.A.ASHA CHRISTY MARGARET
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pattern classification systems are commonly used in adversarial applications, like biometric authentication, network intrusion detection, and spam filtering, in which data can be purposely manipulated by humans to undermine their operation. As this adversarial scenario is not taken into account by classical design methods, pattern classification systems may exhibit vulnerabilities, whose exploitation may severely affect their performance, and consequently limit their practical utility. Extending pattern classification theory and design methods to adversarial settings is thus a novel and very relevant research direction, which has not yet been pursued in a systematic way. In this invention we are solving design phase of the security of pattern classifiers, namely, the performance degradation under potential attacks they may incur during operation. We propose a framework for empirical evaluation of classifier security that formalizes and generalizes the main ideas proposed in the literature, and give examples of its use in three real applications. Reported results show that security evaluation can provide a more complete understanding of the classifiers behaviour in adversarial environments, and lead to better design choices .

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3607/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AUTOMATED FIRE IDENTIFYING AND EXTINGUISHING ROBOT (AFIER)

(51) International classification	:A62C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VELTECH DR. RR & DR. SR TECHNICAL
(32) Priority Date	:NA	UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :NO.42, AVADI - VELTECH ROAD,
(86) International Application No	:NA	AVADI, CHENNAI - 600 062, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M.SHRI HARISH
(61) Patent of Addition to Application Number	:NA	2)V.VENNISHMUTHU
Filing Date	:NA	3)N.KARTHIKEYAN
(62) Divisional to Application Number	:NA	4)K.LOKESH
Filing Date	:NA	

(57) Abstract :

Automated Fire Identifying and Extinguishing Robot (AFIER) are used creating a new method for identifying and extinguishing fire. Goal is to develop an intelligent image processing based firefighting Robot, which will be useful in our daily life. We design the fire detection system using camera also program the fire detection and fighting procedure using Raspberry pi controller as shown in Figure 1. The Robot is placed in the corner of room as in Figure 2, The invention is equipped with two servo motor that point out the fire. If the intensity of fire increases beyond the predetermined threshold value, the camera detects the fire position in terms of X and Y co-ordinates by continuous monitoring of the room. The AFIER points to that location and actuates the extinguishing. It is more advantageous than a smoke detector that detects fire and sprays water all over, instead AFIER particularly points to the affected region only. It voluntarily detects and extinguishes fire without human aid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4622/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :01/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A TWIN CHAMBERED IN-VESSEL COMPOSTING APPARATUS

(51) International classification	:C05f17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Anand M
(32) Priority Date	:NA	Address of Applicant :School of Environmental Studies,
(33) Name of priority country	:NA	Cochin University of Science and Technology, University P O.,
(86) International Application No	:NA	Kochi 682022. Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Anand M
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a twin chambered in-vessel composting apparatus for passive and active composting. In one embodiment, the apparatus including a composting chambers are with body portion having a bottom, at least one sidewall from the bottom, and an top with a lid, an air distribution system is positioned in-between the composting chambers consists of several interconnected ducts with valves, blower and suction device, a blower device outlet coupled to inlet line of the air distribution system for the positive aeration by blowing air to the composting chambers, a suction device inlet coupled to the outlet line of the air distribution system for the negative aeration by sucking out air from the composting chambers and a leachate recirculation pump and wastage line with a valve is provided at the bottom of each chamber to remove excess leachate.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4850/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOAD SENSING AND DISPLAY SYSTEM IN AUTOMOTIVE VEHICLE

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHARATH UNIVERSITY

Address of Applicant :173, Agharam Road, Selaiyur, Chennai

600 073 Tamil Nadu India

(72)Name of Inventor :

1)Dr.P.Naveen Chandran

(57) Abstract :

This invention discloses an equipment which is inbuilt in the vehicle and this equipment displays the weight of the load on the vehicle while also checking on the loading dimensional limit of goods. When the prescribed safe limits for the vehicle is exceeded, an alarm is sounded and the starting of the engine is prevented.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4851/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DETACHABLE SURGICAL INSTRUMENT

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.W.M.S.Johnson
(87) International Publication No	: NA	2)Dr.Prabhu.K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses an equipment that comprises many attachments for attaching and detaching surgical instruments. The instruments can be detached for use when required. This equipment is versatile and is helpful for the doctors.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4853/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AIR PURIFIER FOR HOME AND CAR

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.J.Sundeeep Aanand
(87) International Publication No	: NA	2)Dr.J.Hameed Hussain
(61) Patent of Addition to Application Number	:NA	3)Dr.X.Charles
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses an Air purifier that helps to remove bad odour, eradicates harmful microorganisms, and removes harmful gases such as carbon dioxide from Air.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3604/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/07/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PERMUTATION-BASED ALGORITHM TO OPTIMALLY RESCHEDULE TRAINS IN A RAILWAY TRAFFIC NETWORK

(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)VELTECH DR. RR & DR. SR TECHNICAL
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Address of Applicant :NO.42, AVADI - VELTECH ROAD,
AVADI, CHENNAI - 62, Tamil Nadu India

(72)Name of Inventor :

1)K.GURU VISHNU MOHAN

2)N.RAJESH KUMAR

(57) Abstract :

In this invention we deal with dynamic traffic management of railway traffic networks at an operational level. We design a model predictive controller based on measurements of the actual train positions. The core of the model predictive control approach is the railway traffic model, for which a switching max-plus linear system is proposed. If the model is affine in the controls, the optimisation problem can be recast as a mixed-integer linear programming problem. To this end we present a permutation-based algorithm to model the rescheduling of trains running on the same track. We apply the algorithm to a simple railway traffic network simulation model and show a significant reduction of delays compared to the uncontrolled case.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4833/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : EXTENDABLE USB SOCKET IN CAR

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Rajendran
(87) International Publication No	: NA	2)Silambarasan
(61) Patent of Addition to Application Number	:NA	3)Rajesh.S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses an extendable USB socket for charging purposes. One end of this extendable USB socket derives power from the power plug in the car or any such automobile. Another end of this extendable USB socket is connected to a phone or speaker or other such system in car to derive the power for charging.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1073/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SEDIMENT RETURN GROUND BASED MULTI-STAGE WATER FILTER.

(51) International classification	:C02F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DHARMANANDA BORMUDOI
(32) Priority Date	:NA	Address of Applicant :P.O-ELLENGI SATRA, VILL-
(33) Name of priority country	:NA	BALITIKA,GOHPUR, DIST-SONITPUR, PIN-784168,ASSAM
(86) International Application No	:NA	Assam India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHARMANANDA BORMUDOI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a ground-based water filtration system where the residue of the filtration is sent back to the earth. This is based on the natural filtration system where the layers of soil in the ground filter the water. This invention can be mainly used in areas where pollutants like iron, fluoride and arsenic are present. This invention works well in both small and large scale in an efficient, cost effective and environmentally benign manner.

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

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.11153/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING A SECURITY DOCUMENT

(51) International classification	:G06K7/00,G07D7/02	(71) Name of Applicant :
(31) Priority Document No	:1211686.9	1)DE LA RUE INTERNATIONAL LIMITED
(32) Priority Date	:02/07/2012	Address of Applicant :De La Rue House Jays Close Viabes
(33) Name of priority country	:U.K.	Basingstoke Hampshire RG22 4BS U.K.
(86) International Application No	:PCT/GB2013/051738	(72) Name of Inventor :
Filing Date	:01/07/2013	1)WHITEMAN Robert
(87) International Publication No	:WO 2014/006386	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method device and system for identifying a security document A method is provided of identifying a security document (1) using an identifying device. The identifying device is provided with a capacitance sensor (8, 52, 77) and a second sensor (9, 51, 74, 76). The method includes capacitively coupling a first element (11) of the security document with the capacitance sensor and obtaining first data from the first element using the capacitance sensor. Second data (12) is also obtained from the security document using the second sensor. Output data is then generated based upon the first and second data. A corresponding device (5 50) and system (70) are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11154/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INSTALLATION FOR DISTRIBUTING PULVERULENT SUBSTANCE BY PNEUMATIC TRANSPORTATION COMPRISING A DEVICE FOR DEPRESSURIZING A PRESSURIZED RESERVOIR IN WHICH SAID SUBSTANCE IS STORED

(51) International classification :F27D3/18,F27D19/00,F27B1/20
(31) Priority Document No :LU 92037
(32) Priority Date :06/07/2012
(33) Name of priority country :Luxembourg
(86) International Application No :PCT/EP2013/063992
Filing Date :03/07/2013
(87) International Publication No:WO 2014/006073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PAUL WURTH S.A.
Address of Applicant :32 rue d'Alsace L 1122 Luxembourg
Luxembourg
(72)**Name of Inventor :**
1)MAHOWALD Pierre
2)MULLER Ben
3)SCHMIT Louis

(57) Abstract :

Installation for distributing granular or pulverulent substance by pneumatic transportation comprising at least one dispatch silo (3) for the temporary storage of said granular or pulverulent material the dispatch silo being designed to be alternately pressurized in order to empty the dispatch silo and depressurized to allow it to be filled and a device for depressurizing said dispatch silo. The depressurizing device comprises a depressurizing line (12) connected to said dispatch silo a bag filter (11) having a maximum operating throughput connected to the depressurizing line and flow regulating means (15) for regulating the rate of flow in said depressurizing line through the bag filter. The bag filter (11) is designed to work under pressure and the flow regulating means (15) are situated on the depressurizing line (12) downstream of the bag filter (11) and designed to ensure a flow rate at most equal to the maximum flow rate of the bag filter. Application notably to an installation for injecting coal into a blast furnace.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11155/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TOXICITY MANAGEMENT FOR ANTI TUMOR ACTIVITY OF CARs

(51) International classification :A61K39/00
(31) Priority Document No :61/671482
(32) Priority Date :13/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050267
Filing Date :12/07/2013
(87) International Publication No :WO 2014/011984
(61) 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 TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Address of Applicant :Center For Technology Transfer 3160 Chestnut Street Suite 200 Philadelphia PA 19104 6283 U.S.A.
2)THE CHILDRENS HOSPITAL OF PHILADELPHIA
(72)**Name of Inventor :**
1)JUNE Carl H.
2)LEVINE Bruce L.
3)KALOS Michael D.
4)GRUPP Stephan

(57) Abstract :

The present invention provides compositions and methods for treating cancer in a patient. In one embodiment the method comprises a first line therapy comprising administering to a patient in need thereof a genetically modified T cell expressing a CAR wherein the CAR comprises an antigen binding domain a transmembrane domain a costimulatory signaling region and a CD3 zeta signaling domain and monitoring the levels of cytokines in the patient post T cell infusion to determine the type of second line of therapy appropriate for treating the patient as a consequence of the presence of the CAR T cell in the patient.

No. of Pages : 72 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11156/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS OF ASSESSING THE SUITABILITY OF TRANSDUCED T CELLS FOR ADMINISTRATION

(51) International classification	:C07K14/705
(31) Priority Document No	:61/671495
(32) Priority Date	:13/07/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/050287
Filing Date	:12/07/2013
(87) International Publication No	:WO 2014/011996
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)JUNE Carl H.

2)LEVINE Bruce L.

3)KALOS Michael D.

(57) Abstract :

The invention relates to of analyzing vector supernatants useful for transducing T cells destined for administration to a human subject. The invention also related to methods of analyzing transduced T cells destined for administration to a human subject. The invention provides a method of analyzing a genetically modified T cell to detect a contaminant wherein the genetically modified T cell comprises a nucleic acid encoding a chimeric antigen receptor (CAR) wherein the CAR comprises an antigen binding domain a transmembrane domain a costimulatory signaling region and a signaling domain. In one embodiment the contaminant is at least one selected from the group consisting of endotoxin mycoplasma replication competent lentivirus (RCL) p24 VSV G nucleic acid HN gag residual anti CD3/anti CD28 coated beads mouse antibodies pooled human serum bovine serum albumin bovine serum culture media components vector packaging cell or plasmid components a bacterium and a fungus.

No. of Pages : 65 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11160/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERFACING APPARATUS BETWEEN A LABORATORY AUTOMATION SYSTEM AND A PLATFORM FOR HANDLING CONSUMABLES AND LIQUIDS IN THE FIELD OF MOLECULAR BIOLOGY

(51) International classification	:G01N35/00
(31) Priority Document No	:MI2012A000975
(32) Priority Date	:05/06/2012
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2013/061431
Filing Date	:04/06/2013
(87) International Publication No	:WO 2013/182538
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Malta
(72)**Name of Inventor :**
1)PEDRAZZINI Gianandrea

(57) Abstract :

Apparatus for automatically filling wells (41) of plates (4) with biological material from a laboratory automation system (12) for conveying biological samples or reactants contained in test tubes (13) and automatically routing said plates (4) towards processing modules (18) of said biological material. Said apparatus contains a platform (1) interposed between said laboratory automation system (12) and a handling system (14) of consumable products (4, 42, 100) which includes a horizontal crosspiece (6) whereon a first robot (7) and a second robot (8) are sliding mounted the first robot (7) being provided with gripping means (9) of pipettes (10) adapted to collect and release the biological material or the reactant and a second robot (8) being provided with gripping means (11) of consumable products (4, 42, 100).

No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11161/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENDLESS SHAPED ARTICLE

(51) International classification	:B66C1/18
(31) Priority Document No	:12171543.7
(32) Priority Date	:11/06/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/062015
Filing Date	:11/06/2013
(87) International Publication No	:WO 2013/186206
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)WIENKE Dietrich
3)KERSJES Johanna Gertruda
4)HOMMINGA Jozef Siegfried Johannes
5)MARISSEN Roelof
6)DIRKS Christiaan Henri Peter

(57) Abstract :

The invention relates to an endless shaped article comprising at least one strip of material forming a plurality of convolutions of the strip of material the strip having a longitudinal axis wherein each convolution of said strip comprises a twist along the longitudinal axis of said strip wherein said twist is an odd multiple of 180 degrees. The invention also relates to a method to manufacture said article and its use as sling loop belt or chain link.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11162/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : POWER ALLOCATION ASSOCIATED APPARATUS AND METHODS

(51) International classification :G06F1/26

(31) Priority Document No :NA

(32) Priority Date : -

(33) Name of priority country :

(86) International Application No :PCT/CN2012/076779

Filing Date :12/06/2012

(87) International Publication No :WO 2013/185292

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Finland

(72)Name of Inventor :

1)WEBB Ronald James

2)BOSCH CREUS Gerard

3)BECKER OLSEN Rune

4)RUUTU Jussi Pekka Olavi

(57) Abstract :

An apparatus comprising at least one processor and at least one memory including computer program code the at least one memory and the computer program code configured to with the at least one processor cause the apparatus to perform at least the following: enable controlled usage of power from a portable battery source of a portable electronic device according to a predetermined power quota assigned to each of a plurality of user accounts associated with the portable electronic device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11163/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AGSE DEFICIENT STRAIN

(51) International classification :C12N1/14,C12N9/10,C12N9/00

(31) Priority Document No :12177172.9

(32) Priority Date :19/07/2012

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2013/065348

Filing Date :19/07/2013

(87) International Publication No:WO 2014/013074

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PEIJ VAN No«l Nicolaas Maria Elisabeth

2)BEISHUIZEN Martina

3)VONDERVOORT VAN DE Peter Jozef Ida

(57) Abstract :

The present invention relates to a mutant microbial host cell which is deficient in the production of the AgsE protein or in the production of an homologous thereof if compared with a parent microbial host cell which has not been modified and measured under the same conditions. It has been surprisingly found that when the mutant microbial host cell according to the invention is used in a method to produce a compound of interest for example an enzyme an improved yield of said compound is obtained if compared to a method in which a parent host cell which has not been modified is used when measured under the same conditions.

No. of Pages : 159 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11164/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : WAVELENGTH MULTIPLEXING DEVICE IMPAIRMENT OCCURRENCE LOCATION IDENTIFICATION METHOD AND PROGRAM

(51) International classification :H04B10/079,H04J14/00,H04J14/02
(31) Priority Document No :2012169440
(32) Priority Date :31/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/069016
Filing Date :11/07/2013
(87) International Publication No :WO 2014/021075
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEC CORPORATION
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1088001 Japan
(72)Name of Inventor :
1)AONO Yoshiaki

(57) Abstract :

A wavelength multiplexing device (100) is connected to one or more optical fiber line systems and to one or more optical transceiver systems and is disposed between the optical fiber lines and optical transceivers so as to input and output optical signals and is provided with the following: first optical switches (12a-12c) that output an optical signal input from an optical line to an optical transceiver; second optical switches (12d-12f) that output an optical signal input from an optical transceiver to an optical fiber line; and a local optical loopback circuit (13) that feeds back and outputs an optical signal input from an optical transceiver (21-23) to that optical transceiver.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11170/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : VEHICLE ROOF

(51) International classification	:B32B17/10,B62D25/06
(31) Priority Document No	:BE 2012/0412
(32) Priority Date	:19/06/2012
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/EP2013/062116
Filing Date	:12/06/2013
(87) International Publication No	:WO 2013/189798
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)LEGRAND Denis

2)MEYERS Michel

(57) Abstract :

The invention relates to a laminated glass sunroof having variable light transmission and providing improved comfort in terms of temperature including two glass sheets i.e. an outer and inner glass sheet which are joined together by means of intermediate thermoplastic sheets a suspended particle device (SPD) film assembly for controlling the light transmission which is incorporated into the laminate between the two glass sheets and a system of low emissivity layers arranged at position 4.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11171/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUNROOF COMPRISING LIGHTING MEANS

(51) International classification:B32B17/10,B60Q3/02,C03C27/12

(31) Priority Document No :BE 2012/0410

(32) Priority Date :19/06/2012

(33) Name of priority country :Belgium

(86) International Application No :PCT/EP2013/062106

Filing Date :12/06/2013

(87) International Publication No :WO 2013/189794

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)LEFEVRE Hugues

2)LINTHOUT Sbastien

(57) Abstract :

The invention relates to a laminated glass sunroof for a motor vehicle including a means for illuminating the passenger compartment said means including a set of light emitting diodes incorporated between the glass sheets in the insert material of the laminate said sunroof having a maximum light transmission (LT) factor of at most 50% the number and power of the diodes being selected in order to ensure useful lighting without causing detrimental overheating for the components of the glass panel.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11174/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTI ELEMENT LENS OF CONTROLLING DEFOCUS AND EYE DIOPTER AND APPLICATION THEREOF

(51) International classification :G02C7/06,A61F9/00
(31) Priority Document No :201210196959.8
(32) Priority Date :15/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/000882
Filing Date :27/06/2012
(87) International Publication No :WO 2013/185263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)DAI Minghua

(57) Abstract :

A multi element lens of controlling defocus and eye diopter and an application thereof belong to the technical field of prevention and treatment glasses for myopia and hyperopia of eyes. One large unit convex lens (1) capable of generating large defocus is comprised. One small unit concave lens (2) capable of generating small defocus or focus through combination is combined on the lens of the large unit convex lens (1) or one small single lens (3) is separately provided on the large unit convex lens. When a human eye watches different distances through the lens the central view region is in a small nearsightedness defocus or focus state or a small farsightedness defocus or focus state whereas the equatorial view region is always in a nearsightedness defocus state or farsightedness defocus state. Through the special influences of light on the view regions of human eyes the growth of the ocular axis can be effectively controlled which achieves the characteristics of good and fast prevention and treatment of myopia and hyperopia and the use is convenient.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11175/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : GYPSUM PANEL FOR ACOUSTICAL MONOLITHIC CEILING

(51) International classification	:E04B1/84
(31) Priority Document No	:13/534454
(32) Priority Date	:27/06/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/047280
Filing Date	:24/06/2013
(87) International Publication No	:WO 2014/004360
(61) Patent of Addition 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)MIKLOSZ Mark
3)BURY Rafael
4)YEUNG Lee K.
5)FRANK William A.

(57) Abstract :

An acoustical panel for forming a monolithic ceiling or wall the panel extending across a rectangular area and having a core made primarily of gypsum the core being essentially coextensive with the panel area such that it has two opposed sides each of an area substantially equal to the area of the panel the core having a multitude of perforations extending generally between its sides the perforations being distributed substantially uniformly across the full area of the core and being open at both sides of the core the face side of the core being covered by a porous layer the perforations being optionally restricted at a rear side of the core the porous layer at the face side of the core being suitable for adherence of drywall joint compound and a water based non blocking paint.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11176/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A FILLING APPARATUS FOR GAS CONTAINERS

(51) International classification :F17C5/00
(31) Priority Document No :PA 2012 70356
(32) Priority Date :25/06/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/050206
Filing Date :21/06/2013
(87) International Publication No :WO 2014/000743
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)NIELSEN Bent Lindrup

(57) Abstract :

The invention relates to a filling apparatus 200 for filling fluid such as liquefied gas into a gas container 190. The filling apparatus is configured with a holding arrangement wherefrom the gas container can hang so that the gas container is not supported by the ground but the weight of the gas container is supported by the holding arrangement. A load sensor is arranged in the filling apparatus e.g. in the holding arrangement so that the weight of the hanging gas container can be measured. During the filling process the weight of the gas container and thereby the weight of the gas filled into the gas container can be measured so that supply of the fluid can be controlled. The hanging configuration of the gas container may be advantageous for avoiding inconvenient load of the load sensor.

No. of Pages : 34 No. of Claims : 18

(54) Title of the invention : METHOD OF MANUFACTURING FLAT TYPE NON AQUEOUS SECONDARY BATTERY

(51) International classification :H01M10/04,H01M2/16,H01M2/18
 (31) Priority Document No :2012147907
 (32) Priority Date :29/06/2012
 (33) Name of priority country :Japan
 (86) International Application No :PCT/IB2013/001371
 Filing Date :27/06/2013
 (87) International Publication No :WO 2014/001887
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)MATSUYAMA Yoshio
3)MORI Hideto
4)FURUTA Tomoyasu

(57) Abstract :

There is provided a manufacturing process (S I) of a battery (1) equipped with a case (10) and an electrode body (20) having a positive electrode (21) a negative electrode (22) and separators (23, 24). The electrode body (20) has an upper R portion (20a) and the respective separators (23, 24) have surplus portions (23a, 24a). The case (10) has an accommodation portion (11) that has an opening in an upper face thereof and accommodates the electrode body and a lid portion (12) that closes up the opening in the upper face of the accommodation portion (11). This manufacturing process (SI) includes a process (S20) in which the battery (1) is charged while being bound such that the electrode body (20) is pressed via the accommodation portion (11) with the surplus portions (23a, 24a) of the plurality of the separators (23, 24) not located at an upper R portion (20a) of the electrode body (20) and a process (S30) in which the battery (1) that has been subjected to the initial charging process (S20) is maintained at a predetermined high temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11190/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SPARK PLUG AND INTERNAL COMBUSTION ENGINE PROVIDED THEREWITH

(51) International classification :H01T13/08,H01T13/16,H01T13/20
(31) Priority Document No :2012149930
(32) Priority Date :03/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2013/001395
Filing Date :01/07/2013
(87) International Publication No :WO 2014/006469
(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)NAKATA Koichi
4)NOGAWA Shinichiro
5)SUZUKI Kotaro

(57) Abstract :

A spark plug (1A) includes a housing portion (2A); an insulator (3) that is retained in the housing portion (2A); a center electrode (4) that is exposed from the insulator (3); and a ground electrode (5) that forms a discharge gap (G) between the ground electrode (5) and the center electrode (4). A plug pocket (P) is formed between the housing portion (2A) and the insulator (3). In the spark plug (1A) a tapered portion (T1) is provided on an inside of one of two portions of a tip end portion of the housing portion (2A) that face each other in a radial direction of the housing portion (2A) and the ground electrode (5) is provided on the other portion.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11191/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANALYSIS DEVICE AND ANALYSIS METHOD

(51) International classification :G01N21/64,G01N33/543
(31) Priority Document No :2012151993
(32) Priority Date :06/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066143
Filing Date :12/06/2013
(87) International Publication No :WO 2014/007034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAITO Toshiro

(57) Abstract :

In order to quantify a trace amount of a biomolecule biomolecules are specifically captured with magnetic particles and the biomolecules are labeled with fluorescence. The present invention addresses the problems of an efficient fixed reaction of the magnetic particles to a support substrate and of breaking up aggregations of the magnetic particles. A magnetic field generator for attracting the magnetic particles to the support substrate that can be switched on or off is provided on the reverse face of the support substrate and an adhesion layer is provided on the surface of the support substrate to hold the magnetic particles. First a dispersing solution for the magnetic particles is placed on the surface of the support substrate with the magnetic field for the support substrate surface in an off state. Next the magnetic field is turned on and the magnetic particles in solution are attracted to the support substrate surface. The magnetic particles colliding with the support substrate adhere to the adhesion layer of the support substrate surface and then the magnetic field is turned off. Thus aggregations can be broken up while the magnetic particles are held and a magnetic particle layer on the support substrate can be a single layer.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11192/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENERGY CONVERSION DEVICE

(51) International classification	:H02K21/12,H02K16/00	(71)Name of Applicant :
(31) Priority Document No	:2012149226	1)KAMIBAYASHI Katsuyuki
(32) Priority Date	:03/07/2012	Address of Applicant :1 54 Tezukayama Higashi 2 chome
(33) Name of priority country	:Japan	Sumiyoshi ku Osaka shi Osaka 5580054 Japan
(86) International Application No	:PCT/JP2013/067070	(72)Name of Inventor :
Filing Date	:21/06/2013	1)KAMIBAYASHI Katsuyuki
(87) International Publication No	:WO 2014/007078	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To allow for an increase in the output of an energy conversion device having a plurality of permanent magnets arranged in a ring shape. [Solution] A cover (3) is attached to a ring shaped magnet holder (2) in which permanent magnets (1) are housed. An extended portion of the cover (3) is supported by a wheel (6). The wheel (6) is in contact with the extended portion of the cover (3) and the bottom surface of a case (5). Thereby the magnet holder (2) can be rotated lightly even when the weight of the magnet holder (2) increases with the increase in the number of the permanent magnets (1) housed in the magnet holder (2). Thus an energy conversion device (100) can produce more energy from the energy supplied and thereby enhance the output.

No. of Pages : 60 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11181/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TREATMENT OF INFLAMMATORY SKIN DISORDERS

(51) International classification :A61K38/48,A61P17/06,A61P17/10
(31) Priority Document No :2012902874
(32) Priority Date :04/07/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000729
Filing Date :04/07/2013
(87) International Publication No :WO 2014/005183
(61) Patent of Addition 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)XUE Meilang

(57) Abstract :

The invention relates to methods of using an effective amount of activated protein C (APC) to treat an individual for a skin disorder characterised by the presence of hyperproliferative keratinocytes.

No. of Pages : 40 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11182/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND OPHTHALMIC DEVICE FOR GALVANIC HEALING OF AN EYE

(51) International classification :A61N1/30
(31) Priority Document No :61/665964
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048213
Filing Date :27/06/2013
(87) International Publication No :WO 2014/004845
(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)PUGH Randall B.
2)GALLOIS BERNOS Annabelle
3)TONER Adam
4)ARRUBLA Andres

(57) Abstract :

An apparatus for controlled healing of ocular erosions is described. The apparatus comprising; an optical surface comprising an energizable controller capable of being programmed to transmit energy from an energy source onto/into an ocular surface through the use of a current generator in electrical connection with energy emitting contacts capable of transmitting an electric field. The controller current generator and energy emitting contacts are biocompatible or encapsulated by a conductive biocompatible layer to allow positioning of said apparatus in an ocular surface.

No. of Pages : 43 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11183/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR SEPARATING CYCLIC MACROLIDE COMPOUND

(51) International classification :C07H15/04,A61K31/706,A61P37/06
(31) Priority Document No :2012152913
(32) Priority Date :06/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068466
Filing Date :05/07/2013
(87) International Publication No :WO 2014/007362
(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)TSUKUDA Yuya
2)MURAMATSU Keita
3)SASAKI Hironori
4)NAKAMURA Hirohide

(57) Abstract :

Provided is a method whereby a target cyclic macrolide compound can be separated without using a silver compound even from a mixture that contains a compound having a double bond similar to the target cyclic macrolide compound. The method for separating a cyclic macrolide compound from a mixture said mixture containing the cyclic macrolide compound together with one or more kinds of analogous compounds thereof is characterized in that the mixture is subjected to silica gel column chromatography wherein an asymmetry identifying agent is fixed to the silica gel.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11185/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ULTRASONIC SURGICAL INSTRUMENTS WITH DISTALLY POSITIONED JAW ASSEMBLIES

(51) International classification	:A61B17/32,A61B17/29	(71)Name of Applicant :
(31) Priority Document No	:13/538711	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:29/06/2012	Address of Applicant :4545 Creek Road #97 Cincinnati Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2013/045828	(72)Name of Inventor :
Filing Date	:14/06/2013	1)VAKHARIA Omar J.
(87) International Publication No	:WO 2014/004120	2)MESSERLY Jeffrey D.
(61) Patent of Addition to Application	:NA	3)STEFANCHIK David
Number	:NA	4)SMOLIK Steven P.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various embodiments are directed to surgical instruments comprising an end effector a shaft and a jaw assembly. The end effector may comprise an ultrasonic blade extending distally substantially parallel to a longitudinal axis. The shaft may extend proximally from the end effector along the longitudinal axis. The jaw assembly may comprise first and second jaw members. The jaw assembly may be pivotable about a first axis substantially perpendicular to the longitudinal axis from a first position where the first and second jaw members are substantially parallel to the ultrasonic blade to a second position. Additionally the first and second jaw members may be pivotable about a second axis substantially perpendicular to the first axis.

No. of Pages : 104 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11187/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

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

(51) International classification	:H04W52/24,H04W16/14	(71)Name of Applicant :
(31) Priority Document No	:2012151240	1)SONY CORPORATION
(32) Priority Date	:05/07/2012	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2013/064777	(72)Name of Inventor :
Filing Date	:28/05/2013	1)SAWAI Ryo
(87) International Publication No	:WO 2014/007001	2)DULEK Berkan
(61) Patent of Addition to Application Number	:NA	3)GEZICI Sinan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a communication control device that is equipped with a power control section that determines transmission power for a radio signal to be transmitted from an interfering device by using a fading index that is estimated on the basis of a change in the relative distance between the interfering device and a victim device. Also provided is a communication control system that includes the communication control device and a radio communication device that transmits the radio signal with the transmission power determined by the communication control device.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11188/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : GLAZED ROOF COMPRISING ILLUMINATING MEANS AND MEANS FOR CONTROLLING LIGHT TRANSMISSION

(51) International classification:B32B17/10,C03C27/12,B60Q3/02

(31) Priority Document No :BE 2012/0411

(32) Priority Date :19/06/2012

(33) Name of priority country :Belgium

(86) International Application No :PCT/EP2013/062112

Filing Date :12/06/2013

(87) International Publication No :WO 2013/189796

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Avenue Jean Monnet 4 B 1348 Louvain
La Neuve Belgium

(72)Name of Inventor :

1)MASAKI Yuji

2)LINTHOUT Sbastien

(57) Abstract :

The invention relates to a laminated glazed automotive vehicle roof comprising an internal glass sheet and an external glass sheet and lamination interlayers joining the glass sheets and comprising placed between the two glass sheets an SPD (suspended particle device) assembly for controlling light transmission and LED (light emitting diode) illuminating elements.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11193/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRANSPORTATION MEANS DETERMINATION SYSTEM TRANSPORTATION MEANS DETERMINATION DEVICE AND TRANSPORTATION MEANS DETERMINATION PROGRAM

(51) International classification :G08G1/01,G01C21/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/003624
Filing Date :01/06/2012
(87) International Publication No :WO 2013/179359
(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)OHASHI Hiroki
2)AKIYAMA Takayuki

(57) Abstract :

The purpose of the present invention is to provide a method and system for realizing the method for determining a means of transportation of a terminal that is being transported using sensor data from a sensor that is mounted in the terminal when determining the means of transportation of the terminal taking into consideration factors having some effect on the sensor data such as road conditions. Environmental information is assigned to the sensor data and determination reference values for determining the means of transportation of the terminal are preliminarily mapped to each of a plurality of environmental information. A prescribed determination reference value is selected in accordance with the assigned environmental information to determine the means of transportation of the terminal by using the sensor data and the selected prescribed determination reference value.

No. of Pages : 87 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11194/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD AND AN APPARATUS FOR PROVIDING A TAPERED EDGE ON A SHEET COMPRISING A FIBROUS MATERIAL

(51) International classification :B24B9/20,B24B19/14,B24B55/02

(31) Priority Document No :PA 2012 70360

(32) Priority Date :25/06/2012

(33) Name of priority country :Denmark

(86) International Application No :PCT/DK2013/050205
Filing Date :20/06/2013

(87) International Publication No :WO 2014/000742

(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)VESTAS WIND SYSTEMS A/S

Address of Applicant :Hedeager 44 DK 8200 Aarhus N
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(72)Name of Inventor :

1)BECH Anton

(57) Abstract :

The invention provides a method of providing a tapered edge on a sheet comprising a fibrous material comprising moving the sheet while carrying out the following steps: moving the sheet past a freezing device which sheet is provided with a substance embedding the fibrous material at least at a first edge of the sheet which substance is in a non solid state at room temperature in particular at 20 degrees Celsius and cooling the first edge using the freezing device so that the substance at the first edge becomes solid moving the sheet past a machining device while the substance is solid from the cooling using the freezing device and machining during the step of moving the sheet past a machining device the first edge with the machining device to provide a first tapered edge.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11195/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR PROVIDING BROADCAST AD IDENTIFICATION

(51) International classification :H04N21/00,H04H60/37,G06F17/30
(31) Priority Document No :NA
(32) Priority Date :01/01/1990
(33) Name of priority country:
(86) International Application No :PCT/IL2013/050328
Filing Date :16/04/2013
(87) International Publication No :WO 2013/164817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Harel Road 3 85025 Meitar Israel

(72)Name of Inventor :

1)SHAVIT Adi

2)SHAVIT Dana

(57) Abstract :

The present invention discloses methods and systems for providing broadcast ad identification. Methods include the steps of: providing fingerprint signatures of each frame in a broadcast video; and designating at least two repeat fingerprint signatures upon detecting at least one fingerprint signature match from the signatures. Preferably methods further include: prior to the designating determining whether the fingerprint signatures correspond to a known ad based upon detecting at least one fingerprint signature match of the fingerprint signatures with pre indexed fingerprint signatures of pre indexed ads. Preferably method further include: creating segments of the fingerprint signatures ordered according to a timeline temporal proximity of the fingerprint signatures by grouping at least two fingerprint signatures based on a repeat temporal proximity of at least two repeat fingerprint signatures respective of at least two fingerprint signatures. Preferably methods further include detecting at least one ad candidate based on an occurrence of at least one repeat segment.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11196/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FULL LOAD BRAKE TORQUE INSPECTION METHOD

(51) International classification	:B66B5/00,B66B29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:NA	Address of Applicant :Ten Farm Springs Road Farmington
(33) Name of priority country	:NA	Connecticut 06032 U.S.A.
(86) International Application No	:PCT/CN2012/078342	(72)Name of Inventor :
Filing Date	:09/07/2012	1)WAN Jinan
(87) International Publication No	:WO 2014/008620	2)XU Kaisheng David
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A brake torque inspection method (60) to a device having a drive machine (30) and a driven component operatively connected to the drive machine (30) is disclosed. The method (60) comprises applying a brake (46) to the driven component and using a torque wrench (50) at a shaft (38) of the drive machine (30) to determine the brake torque.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11202/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : RAPID MEASUREMENT OF FORMED BLOOD COMPONENT SEDIMENTATION RATE FROM SMALL SAMPLE VOLUMES

(51) International classification :G01N33/49,G01N15/04,B04B5/10
(31) Priority Document No :61/673037
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051143
Filing Date :18/07/2013
(87) International Publication No :WO 2014/015177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :1601 S. California Avenue Palo Alto
CA 94304 U.S.A.
(72)Name of Inventor :
1)DAYEL Mark
2)ANEKAL Samartha
3)HOLMES Elizabeth A.

(57) Abstract :

Devices and methods are described for measuring formed blood component sedimentation rate. Some of the methods may use (1) centrifugal techniques for separating red blood cells from plasma and (2) video and/or still imaging capability. Both may be used alone or in combination to accelerate formed blood component sedimentation and to measure its rate. In one example the method may advantageously enable rapid measurement of sedimentation rate using small blood sample volumes. Automated image analysis can be used to determine both sedimentation rate and hematocrit. Automated techniques may be used to compensate for effects of hematocrit on uncorrected sedimentation rate data.

No. of Pages : 67 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11203/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FILTERING OF PRESSURE SIGNALS FOR SUPPRESSION OF PERIODIC PULSES

(51) International classification :A61M1/36,G01M3/28
(31) Priority Document No :12508263
(32) Priority Date :13/07/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2013/062616
Filing Date :18/06/2013
(87) International Publication No :WO 2014/009111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GAMBRO LUNDIA AB
Address of Applicant :P.O. Box 10101 S 220 10 Lund Sweden
(72)Name of Inventor :
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2)OLDE Bo
3)STERNBY Jan

(57) Abstract :

A filtering device receives a pressure signal (P) from a pressure sensor in a fluid containing system, the pressure signal (P) comprising first pulses originating from a first periodic pulse generator and second pulses. The device acquires a reference signal which is indicative of a current operating frequency of the first periodic pulse generator. The device identifies, based on the reference signal, a plurality of harmonics (vi-v8) associated with the current operating frequency, computes correlation values (λ_1 - λ_8) between the harmonics and the pressure signal (P) within a time window in the pressure signal (P), and generates a filtered signal by subtracting, as a function of the correlation values (λ_1 - λ_8), the harmonics from the pressure signal (P). The use of correlation values is a direct, fast, robust and computation-efficient approach for estimating the signal contribution (d) from first pulses in the pressure signal (P).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11204/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TEXTILE MACHINE HAVING A DRAFTING UNIT AND TWO FIBRE MATERIAL FEEDS

(51) International classification :D01H5/00,D04B9/14,D01H15/00
(31) Priority Document No :10 2012 106 189.0
(32) Priority Date :10/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063788
Filing Date :01/07/2013
(87) International Publication No :WO 2014/009189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Klosterstr. 20 CH 8406 Winterthur
Switzerland
(72)Name of Inventor :
1)STAHLECKER Gerd
2)JEHLE Volker

(57) Abstract :

A textile machine (1) in particular a spinning knitting machine has a fibre material feed (3) from which a fibre material (2) can be fed to a drafting unit (5) a drafting unit (5) which drafts the fibre material (2) into a finer fibre material (2) a processing unit in particular a knitting device (4) which is arranged downstream of the drafting unit (5) and processes the fibre material immediately after drafting and also a sensor (8) which detects defects in the fibre material (2). The drafting unit (5) is assigned a second fibre material feed (3) and also a changeover device (9) and when a defect is detected in the first fibre material (2) fibre material (2) from the second fibre material feed (3) can be fed to the drafting unit (5) by the changeover device (9). In a method for feeding fibre material (2) to a drafting unit (5) in a textile process in particular a spinning knitting process a fibre material (2) is fed from a fibre material feed (3) to the drafting unit (5) drafted in the drafting unit (5) and immediately after drafting processed in particular knitted in a processing unit arranged downstream of the drafting unit (5). The fibre material (2) fed to the drafting unit (5) is monitored for defects by a sensor (8). The drafting unit (5) is assigned a second fibre material feed (3) and a changeover device (9) and if a defect is detected in the first fibre material (2) fibre material (2) from the second fibre material feed (3) is fed to the drafting unit (5) by the changeover device (9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11210/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PASSIVE SHUTDOWN SEALING DEVICE FOR A SYSTEM OF SHAFT SEALS OF A PRIMARY MOTORISED PUMP UNIT

(51) International classification :F16J15/16,F16J15/32,F04D15/00
(31) Priority Document No :1256005
(32) Priority Date :25/06/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051473
Filing Date :25/06/2013
(87) International Publication No :WO 2014/001702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AREVA NP
Address of Applicant :1 Place Jean Millier Tour Areva F
92400 Courbevoie France
(72)Name of Inventor :
1)PHILIPPART Olivier

(57) Abstract :

The present invention concerns a passive shutdown sealing device (20) for a primary motorised pump unit comprising: a split sealing ring (23) having an inactivated position and an activated position; a separator (27) made from a fusible material capable of changing state from a temperature threshold called state change threshold said separator (27) holding said split sealing ring (23) in the inactivated position of same when the temperature of the device (20) is lower than said state change temperature threshold; said device being characterised in that it comprises circular elastic means (22) positioned around the split sealing ring (23) said elastic means (22) being designed to bring said sealing ring (23) into the activated position of same when the temperature is greater than or equal to the state change threshold value of said separator (27).

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11211/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR CREATING TRANSPORT AND STOWAGE PLAN AND DEVICE FOR CREATING TRANSPORT AND STOWAGE PLAN

(51) International classification :B65G67/60,B63B27/00,B65G61/00
(31) Priority Document No :2012155033
(32) Priority Date :10/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068255
Filing Date :03/07/2013
(87) International Publication No :WO 2014/010485
(61) Patent of Addition to Application Number :NA
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)KISHIDA Takateru

(57) Abstract :

A transport and stowage instruction computer (3) reads out and inputs (S1) a product information file (41) then references a ship hold information file (45) and plans (S3) a stowage sequence for shipment products (C) under conditions that satisfy work restrictions related to a work process for stowing the shipment products (C) in a ship hold (171). The loading conditions are subsequently set (S5). Shipment products (C) are arranged in stowage sequence on transport pallets (7) which have been placed or replaced in accordance with loading conditions while the placement or replacement of the transport pallets (7) on a pallet platform (1 to 4) is reproduced under conditions that satisfy work conditions related to a work process for loading the transport pallets (7) on the pallet platform (1 to 4) whereby a pallet loading plan for shipment products (C) is created (S7).

No. of Pages : 74 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11212/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYMERIZATION PROCESSES USING REACTOR COMPONENTS SUSPENDED IN HYDROCARBON GELS

(51) International classification	:C08F10/00,C08F2/00	(71)Name of Applicant :
(31) Priority Document No	:61/695713	1)UNIVATION TECHNOLOGIES LLC
(32) Priority Date	:31/08/2012	Address of Applicant :5555 San Felipe Suite 1950 Houston
(33) Name of priority country	:U.S.A.	TX 77056 U.S.A.
(86) International Application No	:PCT/US2013/055994	(72)Name of Inventor :
Filing Date	:21/08/2013	1)LYNN Timothy R.
(87) International Publication No	:WO 2014/035763	2)BIELAK John J.
(61) Patent of Addition to Application	:NA	3)MARIOTT Wesley R.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A polymerization process is disclosed including: providing a reactor component suspended in a hydrocarbon gel; introducing the reactor component to a polymerization reactor; and polymerizing an olefin in the polymerization reactor to form an olefin based polymer. Another polymerization process is disclosed including: providing a hydrocarbon gel comprising a reactor component suspended therein; combining the hydrogen gel with an additional reactor feed; introducing the combined mixture of the hydrocarbon gel and the additional reactor feed to a polymerization reactor; and polymerizing an olefin in the polymerization reactor to form an olefin based polymer. A hydrocarbon gel is disclosed including: a liquid hydrocarbon; a gelling agent; and a reactor component.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11213/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS FOR USE IN DIRECT RESISTANCE HEATING OF PLATINUM CONTAINING VESSELS

(51) International classification :C03B5/185,C03B7/02,C03B7/06
(31) Priority Document No :13/546461
(32) Priority Date :11/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050033
Filing Date :11/07/2013
(87) International Publication No :WO 2014/011847
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GEREMEW Muluwork
3)ISAZA Juan Camilo
4)MURPHY James Patrick

(57) Abstract :

An apparatus for use in controlling a temperature of an oblong shaped molten glass carrying vessel such as a conduit for transporting the molten glass from one location to another location by flowing a current through the vessel. The apparatus comprises a metal flange comprising a plurality of electrically conductive rings that include an inner ring joined to the vessel s exterior wall and an outer ring surrounding the inner ring. The inner ring for example may include an outer perimeter that is substantially oblong. In some embodiments the inner ring comprises a notch that aids in making current density more uniform. In some examples the width of the inner ring excluding the notch does not substantially vary as a function of angular position relative to the vessel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11205/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND COMPOSITIONS USEFUL FOR TREATING DISEASES INVOLVING BCL 2 FAMILY PROTEINS WITH QUINOLINE DERIVATIVES

(51) International classification	:A61K31/5377
(31) Priority Document No	:61/662084
(32) Priority Date	:20/06/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/046826
Filing Date	:20/06/2013
(87) International Publication No	:WO 2013/192423
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)CARDONE Michael H.
2)RICHARD David

(57) Abstract :

The present invention relates to compositions and methods for cancer treatment comprising compounds of Formulae I, II, and III. In some aspects the invention relates to the treatment of B cell Lymphoma or other hematopoietic cancers. In other aspects the invention provides methods for treating particular types of hematopoietic cancers such as for example B cell lymphoma using a combination of one or more compounds of Formulae I, II, and III. Combination therapy with for example 26S proteasome inhibitors such as for example Bortezomib are also included. In another aspect the present invention relates to autoimmune treatment with compounds of Formulae I, II, and III. In another aspect this invention relates to methods for identifying compounds for example compounds of the BH3 mimic class that have in vitro properties that predict in vivo efficacy against B cell lymphoma tumors and other cancers as well as autoimmune disease.

No. of Pages : 78 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11206/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED STABILIZED FLEXIBLE PVC COMPOSITIONS AND ARTICLES MADE THEREFROM

(51) International classification :C08J5/18,C08L27/06,C08K5/10
(31) Priority Document No :61/655026
(32) Priority Date :04/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/044078
Filing Date :04/06/2013
(87) International Publication No :WO 2013/184661
(61) Patent of Addition to Application Number :NA
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(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Plasticized unpigmented and pigmented PVC films are described which utilize a biobased phthalate ester alternative primary plasticizer. The films show comparable color performance to the phthalate ester plasticized unpigmented or pigmented PVC films even where the neat biobased plasticizer has a much higher Pt Co color as measured according to DIN 6271 (ASTM D 1209) compared to the neat phthalate ester plasticizer. Biobased primary plasticizers in the form of diesters of furan 2 5 dicarboxylic acid are especially contemplated and provide increased thermal stability to the PVC films as an added benefit.

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

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING RIFAXIMIN AND AMINO ACIDS PREPARATION METHOD AND USE THEREOF

(51) International classification :C07D498/22,A61K31/437,A61K47/18
 (31) Priority Document No:BO2012A000368
 (32) Priority Date :06/07/2012
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IB2013/055448
 Filing Date :03/07/2013
 (87) International Publication No :WO 2014/006576
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)CHELAZZI Laura
3)GREPIONI Fabrizia
4)BRAGA Dario
5)KINDT Maddalena

(57) Abstract :

The object of the present invention concerns rifaximin compositions comprising amino acids characterized in that they increase rifaximin solubility in aqueous solutions. Rifaximin compositions comprising amino acids are useful in the treatment of disease wherein amino acids and rifaximin are efficacious. The present invention relates to pharmaceutical compositions comprising rifaximin or one of the pharmaceutically acceptable salts thereof and one or more amino acid(s) wherein the molar ratio between the amino acid(s) and rifaximin is comprised between 1:1 and 10:1 preferably between 1:1 and 5:1 together with pharmaceutically acceptable excipients. Moreover the present invention relates to rifaximin crystals characterized in that they are obtained by means of a process comprising: a) dissolution of the compositions of rifaximin and amino acids wherein amino acids and rifaximin are in a molar ratio comprised between 1:1 and 10:1 according to Claim 1 in solutions formed by ethanol/water in a volumetric ratio comprised between 1:1 and 1:10 (v/v); b) evaporation of the solution obtained in step a) at temperatures comprised between room temperature and 40°C in a time period comprised between 1 and 10 days; wherein the resulting crystals have monoclinic space group 2 and cell parameters comprised in the ranges: a: 13.7(1) 13.8(1) b: 19.7(1) 19.9 (1) ; c: 16.4(6) 16.6(6) : 92.1 (1) 91.9(1) deg.

No. of Pages : 58 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11221/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PUSHROD ASSEMBLY FOR A MEDIUM VOLTAGE VACUUM CIRCUIT BREAKER

(51) International classification :H01H33/666

(31) Priority Document No :12005016.6

(32) Priority Date :06/07/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/001967

Filing Date :04/07/2013

(87) International Publication No :WO 2014/005713

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)MASMEIER Philipp

(57) Abstract :

The invention relates to a pushrod assembly (1) for a medium voltage vacuum circuit breaker (2) comprising a pushrod (3) with an insulating body (4) whereby an electrical conducting terminal (6) is arranged on a first abutting face (7) of the insulating body (4) and a guiding means is arranged on an opposing side of the electrical conducting terminal (6) on a second abutting face (8) of the insulating body (4) for mechanically connecting the pushrod (3) with an electromagnetic actuator (9) whereby the pushrod (3) is integrated in the electromagnetic actuator (9) and thus part of the electromagnetic actuator (9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11222/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYBRID ANODES FOR ENERGY STORAGE DEVICES

(51) International classification :H01M4/02,H01M4/583,H01M4/38
(31) Priority Document No :13/532206
(32) Priority Date :25/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/020620
Filing Date :08/01/2013
(87) International Publication No :WO 2014/003825
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)LIU Jun
2)XIAO Jie
3)HUANG Cheng

(57) Abstract :

Energy storage devices having hybrid anodes can address at least the problems of active material consumption and anode passivation that can be characteristic of traditional batteries. The energy storage devices each have a cathode separated from the hybrid anode by a separator. The hybrid anode includes a carbon electrode connected to a metal electrode thereby resulting in an equipotential between the carbon and metal electrodes.

No. of Pages : 37 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11223/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SILICEOUS RUBBER MIXTURES CONTAINING OMEGA MERCAPTOCARBOXYLIC ACID ESTER OF POLYVALENT ALCOHOLS

(51) International classification	:C08K5/37,C08L21/00	(71) Name of Applicant :
(31) Priority Document No	:12175550.8	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:09/07/2012	Address of Applicant :Kennedyplatz 1 50569 Kln Germany
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2013/064493	1)FELDHUES Ulrich
Filing Date	:09/07/2013	2)UNTERBERG Heinz
(87) International Publication No	:WO 2014/009373	3)WEIDENHAUPT Hermann Josef
(61) Patent of Addition to Application Number	:NA	4)WIEDEMEIER JARAD Melanie
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns rubber mixtures containing at least one rubber a sulphurous alkoxysilane a silicon based filler and an mercaptocarboxylic acid ester of polyvalent alcohols.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11224/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CATHETER WITH RETRACTABLE SLEEVE AND METHOD OF USING CATHETER SYSTEM

(51) International classification	:A61F2/24,A61F2/95	(71)Name of Applicant :
(31) Priority Document No	:13/560132	1)MEDINOL LTD.
(32) Priority Date	:27/07/2012	Address of Applicant :Kiryat Atidim Bldg. 7 P.O. Box 58165
(33) Name of priority country	:U.S.A.	6158101 Tel Aviv Israel
(86) International Application No	:PCT/IB2013/002770	(72)Name of Inventor :
Filing Date	:23/07/2013	1)COHEN Itshak
(87) International Publication No	:WO 2014/033553	2)MAXIMUK Shahar
(61) Patent of Addition to Application Number	:NA	3)MOISEYEV Gilad
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus and method for delivering and deploying an intravascular device into the vessel including an outer (3) and inner (5) tube that are axially linked by a housing structure (8) at the proximal end of the catheter and a retractable sleeve structure (2) having a middle tube (4) and sleeve tip (16). The sleeve tip (16) is sealed to the inner tube (5) at the distal end and continuously extends into the middle tube (4). At the proximal end of the sleeve structure (2) the middle tube (4) is sealed to either the housing structure (8) or to a slideable proximal ring (7) forming a sealed chamber (15) between the inner tube (5) and the sleeve structure (2). A radial space is formed between the sleeve tip (16) and the inner tube (5) optimized for intravascular device placement. During retraction of the sleeve structure (2) the fold of the sleeve tip (16) peels away from the device which expands to its deployed state while minimizing axial forces and friction.

No. of Pages : 41 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11225/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CIRCUIT BREAKER POLE PART WITH A HEAT TRANSFER SHIELD

(51) International classification :H01H33/66

(31) Priority Document No :12004904.4

(32) Priority Date :02/07/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/001927

Filing Date :02/07/2013

(87) International Publication No :WO 2014/005694

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Switzerland

(72)Name of Inventor :

1)REUBER Christian

2)GENTSCH Dietmar

(57) Abstract :

A pole part of a circuit breaker arrangement comprising an insulation housing (1) for accommodating a vacuum interrupter insert (5) containing a pair of corresponding electrical switching contacts (4, 6) wherein a fixed upper electrical contact (4) is connected to an upper electrical terminal (2) molded in the insulation housing (1) and a movable lower electrical contact (6) is connected to a lower electrical terminal (3) of the insulation housing (1) via an electrical conductor (7) which is operated by an adjacent pushrod (8) wherein the lower electrical terminal (3) is connected to a ring shaped heat transfer shield (9-9) arranged along the inner wall or at least partly inside the wall of the insulation housing (1) surrounding the pushrod (8) and/or the distal end of the movable lower electrical contact (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11226/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : JOINT STRUCTURE FOR STEEL PIPE PILE AND STEEL PIPE PILE

(51) International classification	:E02D5/24
(31) Priority Document No	:2012255304
(32) Priority Date	:21/11/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/080748
Filing Date	:14/11/2013
(87) International Publication No	:WO 2014/080824
(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)FUJII Yoshinori

5)HIGASHI Masaya

6)SAKAI Takayuki

7)MOCHIZUKI Tadachika

(57) Abstract :

This joint structure is a steel pipe pile joint structure for joining a first steel pipe pile and a second steel pipe pile to one another in series and equipped with an outer engaging end part which is the opening end of the first steel pipe pile and a columnar inner engaging end part for forming a part to be inserted into the outer engaging end part and located at one end of the second steel pipe pile wherein: the outer engaging end part has a plurality of outer engaging projections for projecting from the inner circumferential surface thereof toward the inside in the radial direction an outer engaging groove part formed between the outer engaging projections and an outer engaging coupling groove formed at a location toward the inside in the axial direction in relation to the outer engaging projections and the outer engaging groove; and the inner engaging end part has a plurality of inner engaging projections projecting from the outer circumferential surface thereof toward the outside in the radial direction.

No. of Pages : 67 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11227/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH STRENGTH HOT ROLLED STEEL SHEET AND PROCESS FOR PRODUCING SAME

(51) International classification:C22C38/00,C21D9/46,C22C38/14

(31) Priority Document No :2012142692

(32) Priority Date :26/06/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/067229

Filing Date :24/06/2013

(87) International Publication No :WO 2014/002941

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)SAKURADA Eisaku

3)HAYASHI Kunio

(57) Abstract :

Provided is a high-strength hot-rolled steel sheet containing, by mass %, C: 0.050 to 0.200%, Si: 0.01 to 1.5%, Mn: 1.0 to 3.0%, B: 0.0002 to 0.0030%, Ti: 0.03 to 0.20%, P: limited to 0.05% or less, S: limited to 0.005% or less, Al: limited to 0.5% or less, N: limited to 0.009% or less, and one or more of Nb: 0.01 to 0.20%, V: 0.01 to 0.20%, and Mo: 0.01 to 0.20%, with the balance being composed of Fe and inevitable impurities. In the high-strength hot-rolled steel sheet, a ratio of a length of small-angle crystal grain boundaries that are boundaries having a crystal orientation angle of 5 or more but less than 15 to a length of large-angle crystal grain boundaries that are boundaries having a crystal orientation angle of 15 or more is 1 : 1 to 1 : 4, an total segregation amount of C and B in the large-angle grain boundaries is 4 to 20 atoms/m², tensile strength is 850 MPa or higher, and a hole expansion ratio is 25% or more.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11228/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR THE ULTRA HIGH FREQUENCY MEASUREMENT OF A PARTIAL DISCHARGE AND RELATED DEVICE

(51) International classification :G01R31/12,H01H9/50,H02B13/065
(31) Priority Document No :12290233.1
(32) Priority Date :13/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/058948
Filing Date :30/04/2013
(87) International Publication No :WO 2014/009035
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)CHAROT Grard
2)JACQUEMIER Lucien

(57) Abstract :

The present invention relates to a method for the ultra high frequency (UHF) measurement of a partial discharge (PD) wherein said measurement is carried out using an ultra high frequency sensor (C) at at least one point of a gas insulated substation (GIS) characterized in that the point is selected at at least one porthole (H) of said substation and in that the ultra high frequency sensor (C) is in contact with the outer surface of the porthole. A base for supporting an ultra high frequency sensor implemented in the context of said measurement method is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11229/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHODS FOR GASIFICATION

(51) International classification :C10J3/48,C10J3/54,F23C10/10
(31) Priority Document No :PA 2012 70432
(32) Priority Date :17/07/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/050242
Filing Date :17/07/2013
(87) International Publication No :WO 2014/012556
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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Sk'rb'k DK 7000 Fredericia Denmark

(72)Name of Inventor :

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2)STOHOLM Peder Christian

(57) Abstract :

The invention relates to a circulating fluidized bed (CFB) reactor for thermal processing of added carbonaceous material the carbonaceous material normally comprises organic material or organic material mixed with inorganic material such as in straw or other vegetable waste manure household rubbish dried wastewater dried animal remains or other dried carbonaceous waste products. The invention also relates to a process for manufacturing a combustible product gas having a heating value around 4-8 MJ/Nm³ from such a carbonaceous material by subjecting the carbonaceous material to pyrolysis in one process step and oxidation in two subsequent process steps. A circulating fluidized bed (CFB) reactor according to the invention comprises a primary char gasification chamber (5) and an intermediate char gasification chamber (9) typically provided with a fluidized bed wherein the height (h₁₀) of the second fluidized bed (10) in the intermediate char gasification chamber is larger than the height (h₁₀) of the first fluidized bed (11) in the primary char gasification chamber (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11232/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A TOPICAL COMPOSITION COMPRISING A FILM FORMING POLYMER FOR DELIVERING AN ACTIVE INGREDIENT TO SKIN

(51) International classification	:A61K9/00,A61K9/70	(71)Name of Applicant :
(31) Priority Document No	:61/668846	1)LEO PHARMA A/S
(32) Priority Date	:06/07/2012	Address of Applicant :Industriparken 55 DK 2750 Ballerup
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2013/064301	(72)Name of Inventor :
Filing Date	:05/07/2013	1)PETERSSON Karsten
(87) International Publication No	:WO 2014/006202	2)FREDERIKSEN Kit
(61) Patent of Addition to Application Number	:NA	3)OMKVIST Diana
Filing Date	:NA	4)JANSSON Jrgen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A film forming pharmaceutical composition for dermal application comprises at least one therapeutically active ingredient dissolved in a volatile solvent the composition further comprising a film forming polymer a plasticizer and an oily release enhancing agent. The composition is capable of forming after application on skin and evaporation of the solvent a continuous phase comprising the film forming polymer and the plasticizer and a dispersed phase comprising droplets of the oily release enhancing agent.

No. of Pages : 46 No. of Claims : 43

(54) Title of the invention : LARGE CIRCULATING FLUIDIZED BED BOILER AIR DISTRIBUTION APPARATUS AND AIR DISTRIBUTION APPARATUS ASSEMBLY

(51) International classification :F23C10/10,F22B31/00,F23C10/18
 (31) Priority Document No :201210591114.9
 (32) Priority Date :31/12/2012
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2013/090309
 Filing Date :24/12/2013
 (87) International Publication No :WO 2014/101746
 (61) Patent of Addition 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)GAO Ming
3)SONG Guoliang
4)WANG Xiaofang
5)SUN Yunkai
6)WANG Dongyu
7)ZHOU Tuo

(57) Abstract :

A large circulating fluidized bed boiler an air distribution apparatus and an air distribution apparatus assembly. The circulating fluidized bed boiler comprises hearth lateral walls (41-44) a ceiling (45) an air distribution plate (11) disposed on the bottom of a hearth and at least one air distribution cone (8) disposed on the air distribution plate (11). Each air distribution cone (8) extends upwards from the air distribution plate (11) to the inside of the hearth and a gradually contracted shape is formed at the extending direction. Air distribution lateral walls (81-84) forming the air distribution cones (8) are provided with secondary air ports (28). The air distribution lateral walls (81-84) and the hearth lateral walls (41-44) are disposed at intervals. The ceiling (45) the hearth lateral walls (41-44) the air distribution plate (11) and the air distribution lateral walls (81-84) together enclose to form a hearth combustion space. An extended heating screen is disposed on the top of the air distribution cone (8) thereby improving the area of the heating surface in the boiler and improving the rigidity of the tube screen.

No. of Pages : 32 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11238/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : USE OF THIOSULPHATE IN ORDER TO POTENTIATE THE ANTI PATHOGEN EFFECT OF LACTOBACILLUS

(51) International classification :A61K33/04,A61K45/06,A61P15/02
(31) Priority Document No :1256570
(32) Priority Date :09/07/2012
(33) Name of priority country:France
(86) International Application No :PCT/EP2013/064451
Filing Date :09/07/2013
(87) International Publication No :WO 2014/009349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)NIVOLIEZ Adrien

(57) Abstract :

The invention relates to the use of thiosulphate in order to potentiate the anti pathogen effect of Lactobacillus bacteria said thiosulphate being in a quantity of at least 100 mg for 10⁷ to 10¹⁰ UFC of Lactobacillus. The invention also relates to a pharmaceutical composition comprising at least 100 mg of thiosulphate per gram combined with a strain of Lactobacillus crispatus as well as to the use thereof in the treatment of urogenital infections such as vaginosis thrush and urinary infections.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11239/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR CHARGING A BATTERY AND BATTERY THUS CHARGED

(51) International classification	:H02J7/00
(31) Priority Document No	:1256625
(32) Priority Date	:10/07/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2013/063975
Filing Date	:02/07/2013
(87) International Publication No	:WO 2014/009211
(61) Patent of Addition 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)JESTIN Jean Jacques
2)HINGANT Dominique

(57) Abstract :

The invention relates to a method for charging a battery comprising rechargeable cells. According to the invention to perform the i th charge of the battery where $i \geq 2$ connection of the charging terminals to the charger is detected triggering connection of the cells to their bypass circuit during a pre emptive bypass time (TP j_i). Next for each cell during a second phase (C j_i) the bypass circuit is disconnected from the cell until the voltage of the cell reaches a preset voltage the pre emptive bypass time (TP j_i) for the i th charge having been calculated as a function of the total connection time during at least one preceding charge of the bypass circuit associated with this cell until all the cells have reached the preset voltage. At least one length of time allowing the first time (TP j_i) for the i th charge and/or said total connection time to be determined was memorised in a memory of the battery during this at least one preceding charge.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11165/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FRACTURING FLUIDS AND METHODS FOR TREATING HYDROCARBONBEARING FORMATIONS

(51) International classification :E21B43/26,E21B43/20
(31) Priority Document No :13/537800
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/046460
Filing Date :12/07/2012
(87) International Publication No :WO 2014/003800
(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)ZHOU Jia
4)NELSON Scott
5)ROYCE Tom N.
6)QU Qi

(57) Abstract :

Disclosed herein is a fracturing fluid comprising a carrier fluid; a polymer that is soluble in the carrier fluid; the polymer being a synthetic polymer; the synthetic polymer being operative to increase the viscosity of the carrier fluid to about 5 to about 50 centipoise; the fracturing fluid being operative to reduce friction during a downhole fracturing operation and to transport a proppant during the downhole fracturing operation.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11166/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : GASKET DEVICE FOR THE BEARING OF A TURBOMACHINE COMPRISING TWO ELASTIC SEALS

(51) International classification :F01D11/00,F16J15/00,F16J15/32
(31) Priority Document No :12 56544
(32) Priority Date :06/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051591
Filing Date :04/07/2013
(87) International Publication No :WO 2014/006338
(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)SNECMA
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(72)Name of Inventor :
1)BAPTISTA Jonathan Boris

(57) Abstract :

The invention relates to a gasket device (10) for the bearing of a turbomachine that can separate an oil enclosure (5) and an air enclosure (6) of the turbomachine comprising a segmented gasket (7) for providing the main tightness of the device (10) and a supporting envelope (14) for holding the segmented gasket (7) the supporting envelope (14) comprising a first groove (25) housing a first elastic seal (19) for centering the supporting envelope (14) characterised in that the supporting envelope (14) comprises a second groove (25) housing a second elastic seal (19) for the centering of the supporting envelope (14) especially for aligning the axis of the supporting envelope (14) with the axis of the rotor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11167/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR FORMING FILLET ARC WELDING JOINT AND FILLET ARC WELDING JOINT

(51) International classification :B23K31/00,B23K9/00,B23K9/02
(31) Priority Document No :2012261421
(32) Priority Date :29/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/082070
Filing Date :28/11/2013
(87) International Publication No :WO 2014/084317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KODAMA Shinji
3)YOSIDA Yuuichi
4)ISHIDA Yoshinari
5)OGAWA Masahiro

(57) Abstract :

In a region of a fillet bead (53) formed in a single stroke stiffening beads (55A, 55B) are formed on a curved portion therein. At that time the welding start position of the stiffening beads (55A, 55B) is configured so as not to exist independently without intersecting other welding beads in a region near the fillet bead.

No. of Pages : 84 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11168/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : BIT INTERLEAVER FOR AN OPTICAL LINE TERMINAL

(51) International classification :H04L1/00,H03M13/27
(31) Priority Document No :12305947.9
(32) Priority Date :01/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065455
Filing Date :23/07/2013
(87) International Publication No :WO 2014/019881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)DUPAS Arnaud
2)BOISLAIGUE Roger

(57) Abstract :

Proposed is a bit interleaver for an optical line terminal of an optical access network. The bit interleaver contains a memory reader that provides data streams at bit level to a space time switch. The space time switch reads within one input cycle up to N bit sets from the data streams. The switch switches within one writing cycle up to N bits onto up to its output ports which provide respective output vectors. A number of N OR function elements determine within the writing cycle respective single output bits. A number of N memory elements write within the one writing cycle a respective one of the output bits into a respective one of their bit sub elements. A control unit that controls the reading of the data streams and also the switching of the bits by the switch. The control unit controls a choice of the writing addresses.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11169/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH FINESSE LIMEWATER COMPOSITION

(51) International classification :C04B22/06,C01F11/02,C04B2/04

(31) Priority Document No :2012/0602

(32) Priority Date :12/09/2012

(33) Name of priority country :Belgium

(86) International Application
No :PCT/EP2013/068906

Filing Date :12/09/2013

(87) International Publication
No :WO 2014/041068

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)G.,RTNER Robert Sebastian

2)DIAZ CHAVEZ Luis Alfredo

(57) Abstract :

The invention relates to a limewater composition including slaked lime particles suspended in an aqueous phase. Said composition is characterized in that said slaked lime particles have a particle size defined by a narrow and monomodal profile for particle size distribution. The invention also relates to the method for obtaining said limewater composition.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1670/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED HYDRAULIC SYSTEM FOR IN HOUSE FATIGUE TESTING OF HYDRAULIC COMPONENTS OF VEHICLE

(51) International classification	:F16B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED,
(32) Priority Date	:NA	Address of Applicant :AGRI MACHINERY GROUP, 18/4,
(33) Name of priority country	:NA	MATHURA ROAD, FARIDABAD-121007 (INDIA) Haryana
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)INDERJIT SINGH
(61) Patent of Addition to Application Number	:NA	2)ASHISH ARORA
Filing Date	:NA	3)PARMOD SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved hydraulic system for in house fatigue testing of hydraulic components of vehicle This invention relates to an improved hydraulic system for in house fatigue testing of hydraulic components of vehicle comprising of an external hydraulic pump provided between the hydraulic filter and hydraulic valve to operate hydraulic system for in house fatigue testing of hydraulic components without starting vehicle. It is associated with the following advantageous features:- - Highly cost effective. - Noise reduction - No emission/ exhaust gases. - Less fuel consumption. - Maintenance of a safety and healthy working environment in the test laboratory. - Increase in the efficiency of manpower

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11157/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : BISPECIFIC ANTI VEGF/ANTI ANG 2 ANTIBODIES AND THEIR USE IN THE TREATMENT OF OCULAR VASCULAR DISEASES

(51) International classification :C07K16/22,C07K16/46,C07K16/28
(31) Priority Document No :12176299.1
(32) Priority Date :13/07/2012
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2013/064672
Filing Date :11/07/2013
(87) International Publication No :WO 2014/009465
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)DUERR Harald
2)HERTING Frank
3)KLEIN Christian
4)REGULA Joerg Thomas
5)RUETH Matthias
6)STUBENRAUCH Kay Gunnar

(57) Abstract :

The present invention relates to bispecific antibody against human vascular endothelial growth factor (VEGF/VEGF A) and against human angiopoietin 2 (ANG 2) of human IgG1 or IgG4 subclass with mutations I253A H310A and H435A methods for their production pharmaceutical compositions containing said antibodies and uses thereof.

No. of Pages : 168 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11158/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COSMETIC COMPOSITION COMPRISING BENZYL SULFONYL D SER HOMOPHE (4 AMIDINO BENZYLAMIDE) AND A POLYALCOHOL

(51) International classification	:A61K8/64
(31) Priority Document No	:12176040.9
(32) Priority Date	:12/07/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2013/055564
Filing Date	:08/07/2013
(87) International Publication No	:WO 2014/009862
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)VOEGELI Rainer
3)WIKSTROEM Peter

(57) Abstract :

The present invention relates to the field of active compositions for use in cosmetic products for humans. More particularly the present invention relates to a cosmetic composition comprising benzylsulfonyl D Ser homoPhe (4 amidino benzylamide) or a salt thereof and a polyalcohol. Moreover it relates to the use of said composition for maintaining restoring and/or improving the skin hydration and/or the transepidermal water loss level in human skin. The present invention further relates to the use of benzylsulfonyl D Ser homoPhe (4 amidino benzylamide) or a salt thereof in combination with a polyalcohol for the co inhibition of both plasmin and urokinase activity in the skin and/or the scalp.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11159/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLAME RETARDANT POLYAMIDE COMPOSITION

(51) International classification :C08K5/3492,C08L77/00
(31) Priority Document No :12172668.1
(32) Priority Date :20/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/075144
Filing Date :12/12/2012
(87) International Publication No :WO 2013/189557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)RULKENS Rudy
2)DIEPENS Marjolein

(57) Abstract :

The invention relates to a flame retardant polyamide composition comprising (A) a polyamide polymer and (B) melam wherein the polyamide polymer is a semi crystalline semi aromatic polyamide having a melting temperature of at least 270°C and wherein the polyamide polymer has a carbon/nitrogen (C/N) ratio of at least 8. The composition shows reduced blooming.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1685/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : N-HETEROCYCLIC CARBENE-MEDIATED OXIDATIVE ESTERIFICATION OF ALDEHYDES WITH ALCOHOLS UNDER AEROBIC CONDITION

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :AUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAITHANYA KIRAN INDUKURU NAGA
(61) Patent of Addition to Application Number	:NA	2)KOMAL GIRDHARILAL LALWANI
Filing Date	:NA	3)SANTHOSH REDDY REKULA
(62) Divisional to Application Number	:NA	4)ARUMUGAM SUDALAI
Filing Date	:NA	

(57) Abstract :

This invention relates to an efficient, cheaper, practical and ambient protocol for the synthesis of wide variety of esters that proceeds with high yields in single step. More particularly, the invention relates to preparation of variety of esters by activating both aldehyde and alcohol with the help of catalytic amount of N-Heterocyclic carbene during the esterification.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1753/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF HEXAFERRITE POWDER WITH ENHANCED MAGNETIC PROPERTIES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)OJASWINIK MOHANTA
(61) Patent of Addition to Application Number	:NA	2)MAITREYEE BHATTACHARYA
Filing Date	:NA	3)AMITAVA MITRA
(62) Divisional to Application Number	:NA	4)RANJAN KUMAR SAHU
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of hexaferrite powder. The invention particularly relates to the preparation of single phase $\text{Sr}_{1-x}\text{La}_x\text{Fe}_{10}\text{O}_{19}$ powder by microwave-assisted combustion method followed by electroless coating. This hexaferrite powder offers coercivity and magnetization value more than 6500 Oe and 50 emu/g, respectively at room temperature. This bottom up approach enables to control the particles in nanometer scale. The average particle size of the as prepared and calcined powder is 10 nm and 120 nm, respectively. It is envisaged that the prepared powder is useful for making high performance permanent magnet and memory storage device.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1754/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SURFACTANT-COPOLYMER COMPLEXES AS DELIVERY DEVICES

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KUMARASWAMY GURUSWAMY
(61) Patent of Addition to Application Number	:NA	2)VENUGOPAL EDAKKAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides surfactant-copolymer complexes which may be used as delivery devices for compounds such as antimicrobials, ointments, drugs/bioactives, perfumes, flavors, pesticides etc and process for making the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2014

(21) Application No.11208/DELNP/2014 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOCKING DEVICE

(51) International classification	:E05B63/00,E05C3/04
(31) Priority Document No	:10 2012 011 332.3
(32) Priority Date	:06/06/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/001568
Filing Date	:28/05/2013
(87) International Publication No	:WO 2013/182278
(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 :Wiener Strasse 158 2352
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(72)Name of Inventor :

1)WINKLER Heinz

(57) Abstract :

The invention relates to a locking device for introducing into a recess of an arrangement to be locked said locking device comprising an actuation bolt and a latch section which can be non rotatably connected to said actuation bolt can be locked and/or unlocked by rotating the actuation bolt and can be secured to said actuation bolt in various positions. The invention also relates to the use of such a locking device as a transportation lock for a body part to be locked such as for example an apparatus housing door of a security sensitive gaming betting and/or entertainment apparatus. According to the invention the actuation bolt and the latch section comprise detachable detent means with a plurality of detent positions for locking the latch section in place in a plurality of axial positions on the actuation bolt. The detent means comprise detent contours which interconnect form fittingly can be pushed away over each another in the longitudinal direction of the actuation bolt by means of elastic deformation and can be locked in place by elastically springing back into each another transverse to the longitudinal actuation bolt direction such that said latch section is held axially on the actuation bolt in the respective detent position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11209/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FASTENING SYSTEM

(51) International classification :F16B5/06,F16B21/07,F16L3/233
(31) Priority Document No :2012/05105
(32) Priority Date :09/07/2012
(33) Name of priority country :South Africa
(86) International Application No :PCT/ZA2012/000083
Filing Date :14/11/2012
(87) International Publication No :WO 2014/012121
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)LE GRANGE Andries Johannes

(57) Abstract :

Disclosed is a fastening system (10) including an anchor component (12) having a head (16) and an elongate flexible member (18) extending from the head (16). The elongate flexible member (18) has one of the following cross sections: (i) a circle with at least one segment removed to provide at least one linear cord (ii) a shape wherein at least three equally spaced arms of the same length radiate radially from the longitudinal axis or (iii) a polygon made up of linear sections of substantially the same length. At least one series of ratchet formations (22) is provided on a planar surface of the elongate flexible member (18). The fastening system (10) furthermore comprises a push on fastening component (14) which is separate from or prior to use severable from the anchor component (12). The push on fastening component (14) defines a passageway (42) to receive the elongate flexible member (18) and having at least one ratchet formation engaging member (44) to engage the ratchet formations (22) to allow passage of the elongate flexible member (18) through the passageway (42) in one direction but not in the other direction. The push on fastening component (14) unlike the anchor component (12) does not include an elongate flexible member with a series of longitudinally arranged ratchet formations.

No. of Pages : 36 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2581/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A NOVEL THERAPEUTIC DICYCLOPENTYL COMPOUND AND ITS METHOD OF PREPARATION THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEEPSHIKHA PANDE KATARE
(87) International Publication No	: NA	2)LOTIKA CHAWLA
(61) Patent of Addition to Application Number	:NA	3)NEERUPMA DHIMAN
Filing Date	:NA	4)KUMUD BALA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a preparation of novel compound derived from curcumin (dicyclopentyl compound (1E,6E)-1,7-bis (4-cyclopentyl- 3- methoxyphenyl) -1,6- heptadiene-3,5-dione in triglycerides and sesame oil for sustained release of therapeutic agents. The present invention in general relates to novel dicyclopentyl compound in triglycerides and sesame oil by emulsification technique. The present method involves biopolymer namely chitosan modified PLGA (poly lactic -glycolic acid) and tora lactomannan for enhancing the rate of formation of emulsion and for the sustained release of therapeutic agents.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11178/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AIRBAG MODULE WITH EXTERNAL DEFLECTOR

(51) International classification	:B60R21/205
(31) Priority Document No	:61/673138
(32) Priority Date	:18/07/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/051021
Filing Date	:18/07/2013
(87) International Publication No	:WO 2014/015108
(61) Patent of Addition 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)BEATTIE Calum

3)DEUTSCHMANN Roy

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5)MASSA Joseph

(57) Abstract :

An airbag module (400) has a housing (402) an airbag (404) an inflator (406) and a deflector mechanism (420) which provides a barrier or guide and a reaction hood 401 or surface to modify the trajectory of the airbag on inflation to inflate at a lower trajectory. The deflector mechanism (420) has a tensioning member (430).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1700/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SAFETY KIT FOR WHOLE VEHICLE.

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LALIT KAUSHIK
(32) Priority Date	:NA	Address of Applicant :C/6, RATTAN PARK, NANGLOI,
(33) Name of priority country	:NA	DELHI-110041 Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LALIT KAUSHIK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The SKWV (safety kit for whole vehicle) is a new innovative automation based technology. In this innovative technology the vehicle and machine must be protect to failure by poor service and bad maintenance and the main purpose of this technology is to be used all oil up to their last working limits and also protect the engine by inlet dust air particle entry and also save the engine or vehicle due to high temperature arise etc. All of this safety and maintenance functions of an vehicle is to be control and performed by an automations methods and this technology works when the service of the vehicles comes close and in those conditions if any problems is occur in the SKWV control component of the vehicle than during in these above conditions the SKWV gives the warning message to the driver and operator in the form of warning light and by audio message. If any critical and sudden failure is occur in the SKWV control components of the vehicle than the SKWV is to stop the vehicle temporary and after solving the arise problem the vehicle or machine will be restart again and work with good performance. Now with the help of SKWV we can easily maintain the performance of the vehicle constant and used the oils up to their last their maximum limit and also increase the life of the components of component of the vehicle.

No. of Pages : 44 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2415/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013

(43) Publication Date : 02/10/2015

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

(51) International classification	:A01N65/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHARU GUPTA
(61) Patent of Addition to Application Number	:NA	2)DHAN PRAKASH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel composition for the preparation of herbal mosquito repellent and the process thereof The present invention discloses a novel composition for herbal mosquito repellent and process for the preparation of the same which repels mosquitoes, has a pleasant fragrance, and a long lasting effect. The herbal mosquito repellent comprise base materials that contain herbal ingredients that are safe and effective, pleasantly perfumed, do not irritate the skin and effectively repel mosquitoes. The herbal mosquito repellent essentially comprises extracts obtained by a process from aerial parts of Myxopyrum smilacifolia (Chaturamulla). The extracts are processed with suitable natural carrier base and can be used in the form of coils, incense sticks, lotion and ointments. The herbal mosquito repellent has no side effects and is suitable for external application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2656/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :09/09/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD AND KIT FOR DETECTION OF FANCONI ANEMIA

(51) International classification	:C12Q, G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)B.K. MALIK
(61) Patent of Addition to Application Number	:NA	2)DHARMENDRA JAIN
Filing Date	:NA	3)VIMARSH RAINA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for the generation of the cleanest electrical energy with the use of rare-earth magnets, ferro-magnetic fluids and compressed or expanded air (produced from solar energy and/or waste heat). The circular tube design based energy generation system uses the power of magnetic fields created from moving rare-earth magnets which is constructed to create electrical power. The power generation using the said system is around 5W. This ferro-magnetic power generator will not only be clean, but it will also allow us to generate cost effective electricity.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11230/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DYNAMIC CONTENT FILTERING OF DATA TRAFFIC IN A COMMUNICATION NETWORK

(51) International classification :H04L12/70

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2012/065347
Filing Date :06/08/2012

(87) International Publication No :WO 2014/023327

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :S 16483 Stockholm Sweden

(72)Name of Inventor :

1)ALONSO FRANCO Esperanza

2)MUNOZ DE LA TORRE ALONSO Miguel Angel

(57) Abstract :

Dynamic Content Filtering of Data Traffic in a Communication Network For differentiating data traffic in a communication network a policy controller (30) may interact with at least one node (34, 36) of the communication network. The policy controller (30) may determine an identifier of a subscriber associated with a user equipment connected to the communication network. Then the policy controller (30) may perform on the basis of a location of the user equipment and/or on the basis of a time schedule a selection between at least a first set of one or more content filtering rules and a second set of content filtering rules related to the identifier of the subscriber. The policy controller (30) may then indicate a result of the selection to the at least one node (34, 36). The node (34, 36) may then perform content filtering of data traffic of the user equipment. For this purpose the at least one node (34, 36) may utilize the selected set of one or more content filtering rules as indicated by the policy controller.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11231/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : UNINTERRUPTIBLE POWER SUPPLY HAVING ADJUSTABLE INTERFACE

(51) International classification :H02J3/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2012/041071

Filing Date :06/06/2012

(87) International Publication No :WO 2013/184109

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SCHNEIDER ELECTRIC IT CORPORATION

Address of Applicant :132 Fairgrounds Road West Kingston
Rhode Island 02892 U.S.A.

(72)Name of Inventor :

1)HARI Balasubramani

2)JAYAPRAKASH Arjun

3)LIU Chiayuan

4)CHIEN Shen yuan

5)GOPALAKRISHNA Shankar

(57) Abstract :

A UPS with an adjustable user interface module comprises a housing having a front plane and a module configured to fit inside and secured by the housing. The module includes a body having a front face and the module is configured to tilt within the housing such that the front face of the module can be positioned at various angles relative to the front plane of the housing.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.135/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : A POLYPROPYLENE FLAP FOR IRONED CLOTHES

(51) International classification	:D06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURESH K. YADAV
(87) International Publication No	: NA	2)RAJESH K. TIWARI
(61) Patent of Addition to Application Number	:NA	3)MALA TRIVEDI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a polypropylene flap for ironed clothes which keeps them in place and prevents them from cramping. The polypropylene flap is simple, light-weight and flexible. This flap keeps the ironed clothes in place and thus prevents them from cramping. The flap is flexible enough to be carried in a hand bag or back pack. Flap is provided with a certain number of foam covered strips with edges having the locking system.

No. of Pages : 10 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2688/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/09/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN INTELLIGENT VIDEO CAMERA TO DETECT COVERED FACES TO PREVENT THEFT ON ATM MACHINES

(51) International classification	:G08B, G03B	(71) Name of Applicant : 1)AMITY UNIVERSITY
(31) Priority Document No	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(32) Priority Date	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NIDHI CHANDRA
Filing Date	:NA	2)ANJU MISHRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an intelligent video camera system and a method that detects covered faces to prevent theft on ATM machines. The video camera has the capability to detect and recognize hidden or covered faces by using skin detection technology in the already installed video cameras in the ATM chambers. The use of this video camera can be applicable not only for ATM machine but can be used in banks, malls and in hotels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3005/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PORTABLE EVIDENTIARY COLLECTION SYSTEM

(51) International classification	:G01N27/62,H01J49/40	(71)Name of Applicant :
(31) Priority Document No	:61/711945	1)KIRK, Timothy, C.
(32) Priority Date	:10/10/2012	Address of Applicant :20 Eastern Point Road #5, Gloucester,
(33) Name of priority country	:U.S.A.	MA 01930 U.K.
(86) International Application No	:PCT/US2013/064256	(72)Name of Inventor :
Filing Date	:10/10/2013	1)KIRK, Timothy, C.
(87) International Publication No	:WO 2014/059092	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques are described for collecting information regarding the presence or absence of a material of interest in an environment and associating the presence or absence of the material of interest with additional data associated with the environment. In embodiments, the additional data is collected and associated with one or more windows identified for the materials of interest. A method includes initiating sample detection in an environment. The method also includes receiving an indication associated with at least one of a presence or an absence of a material of interest in the environment. The method also includes associating the indication with a time stamp furnished by a clock. The method further includes initiating collection of additional data associated with the environment. The additional data is associated with a second time stamp furnished by the clock. The method also includes associating the indication with the additional data in a window.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1752/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SELF BACK-FLUSHED FILTER SYSTEM FOR WATER

(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHUPINDER SINGH GILL
(32) Priority Date	:NA	Address of Applicant :FACULTY OF ENGINEERING AND
(33) Name of priority country	:NA	TECHNOLOGY, MANAV RACHNA INTERNATIONAL
(86) International Application No	:NA	UNIVERSITY, SECTOR 43, FARIDABAD-121001 Haryana
Filing Date	:NA	India
(87) International Publication No	: NA	2)VICTOR GAMBHIR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHUPINDER SINGH GILL
(62) Divisional to Application Number	:NA	2)VICTOR GAMBHIR
Filing Date	:NA	

(57) Abstract :

A filtering system includes a filter and a fluid flow directing mechanism. The filter is functionally connected to at least a pair of conduits that is functionally connected to each other. The fluid flow directing mechanism is functionally connected to the at least a pair of conduits. The fluid flow directing mechanism directs fluid through a first flow path and a second flow path. The first flow path is for filtering fluid formed by directing fluid from a first conduit of the at least a pair of conduits to a second conduit of the at least a pair of conduits through the filter so that fluid passes in operative forward direction. The second flow path is for cleaning the filter formed by directing fluid from the second conduit to the first conduit through the filter such that fluid passes in operative backward direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3010/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PRODUCING NITROGENATED HETEROCYCLIC N -OXIDE COMPOUND

(51) International classification	:C07D491/052
(31) Priority Document No	:2012215045
(32) Priority Date	:27/09/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/074867
Filing Date	:13/09/2013
(87) International Publication No	:WO 2014/050613
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NISSAN CHEMICAL INDUSTRIES LTD.
Address of Applicant :7- 1, Kanda -Nishiki- cho 3 -chome,
Chiyoda- ku ,Tokyo 1010054 Japan

(72)**Name of Inventor :**
1)Hironobu YOSHINO
2)Hirohide KITSUYAMA
3)Kenichi SEKI
4)Ikumasa HIDAKA

(57) Abstract :

[Problem] The present invention addresses the problem of providing a production method for synthesizing a nitrogenated heterocyclic N- oxide compound with high efficiency and in a safe manner. The present invention also addresses the problem of providing a novel N- oxide compound. [Solution] Provided is a method for producing a nitrogenated heterocyclic N -oxide compound represented by formula (2), e.g., 2, 2 ,7 ,9 -tetramethyl- 2H- pyrano[2,Λ- g]quinoline N -oxide, by oxidizing a nitrogenated heterocyclic compound represented by formula (1), e.g., 2, 2 ,7 , 9 -tetramethyl- 2H- pyrano[2, 3- g]quinolone , with a persulfate salt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3011/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS FOR CLARIFYING A SLUDGE -CONTAINING EFFLUENT

(51) International classification :B01D21/24

(31) Priority Document No :1259695

(32) Priority Date :11/10/2012

(33) Name of priority country :France

(86) International Application No :PCT/IB2013/059265

Filing Date :10/10/2013

(87) International Publication No :WO 2014/057452

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SUEZ ENVIRONNEMENT

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(72)Name of Inventor :

1)CARRAND ,Gilles

2)LANGLAIS ,Chrystelle

(57) Abstract :

Apparatus for clarifying a sludge -containing effluent, comprising a clarification basin (2) , at least one arm (7) able to move over the upper surface of the liquid in the basin; at least one trough (8) supported by the arm so that it can be immersed over part of its height in the liquid of the basin suction tubes (T1 , T2) held relative to the trough , each tube comprising at the top a vertically adjustable sleeve (B1 , B2) opening into the trough , and a means of removing sludge from the trough; the sleeve (B1 , B2) of at least one suction tube (T1, T2) is free to slide vertically relative to the mobile arm (7) supporting the trough and to the tube (T1 , T2) and a reserve of buoyancy necessary and sufficient for keeping the overspill end (E1 , E2) of the sleeve in the trough (8) continuously out of the water is installed on the sleeve (B1 , B2) so that the overspill level of the sleeve adjusts automatically in relation to the level (16) of liquid and sludge in the trough.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3012/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PRODUCING NITROGEN-CONTAINING HETEROCYCLIC COMPOUND OF HIGH PURITY

(51) International classification	:C07D491/052
(31) Priority Document No	:2012215046
(32) Priority Date	:27/09/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/076330
Filing Date	:27/09/2013
(87) International Publication No	:WO 2014/051077
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NISSAN CHEMICAL INDUSTRIES LTD.
Address of Applicant :7- 1 ,Kanda -Nishiki- cho 3 -chome
,Chiyoda- ku, Tokyo 1010054 Japan
(72)**Name of Inventor :**
1)Hirohide KITSUYAMA
2)Akihiro NAGAYA
3)Hironobu YOSHINO
4)Ikurnasa HIDAKA

(57) Abstract :

[Problem] To provide a method for producing a nitrogen- containing heterocyclic compound with high purity. [Solution] A method for producing a compound (A) of high purity, which comprises the step (a) and the step (b) described below. (a) a step wherein a mixture that contains the compound (A) and a compound (B) which is an impurity , is mixed with a solvent and a metal salt (b) a step wherein a mixture , which contains a smaller amount of the compound (B) in comparison to the mixture in step (a), is obtained in the form of a solution by filtering the mixed solution that is obtained in step (a) , or alternatively a mixture , which contains a smaller amount of the compound (B) in comparison to the mixture in step (a) is obtained by removing the solvent by distillation or carrying out crystallization after the filtration. (In the formulae each of R1 and R2 independently represents a hydrogen atom, a Ci.6. alkyl group or the like; R3 represents a hydrogen atom, a Ci.6 alkyl group or the like; and X represents a hydrogen atom or the like.)

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2237/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONSOLIDATED BIO PROCESSING FOR PRODUCTION OF L (+)-LACTIC ACID AND/OR LACTATE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ADHIKARI DILIP KUMAR
(61) Patent of Addition to Application Number	:NA	2)TRIVEDI JAYATI
Filing Date	:NA	3)AGARWAL DEEPTI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to one step production of lactic acid from cellulose rich lignocellulosic biomass using a novel thermophilic and cellulolytic strain, Paenibacillus IIPSP3 (MTCC 5569). The invention also relates to cost effective process wherein preferably no external cellulase enzyme is added and optically pure L-Lactic Acid is obtained through consolidated bio-processing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2374/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/08/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A NOVEL HAND HELD MICRO-ELECTRODE SENSOR FOR DETECTING FUEL ADULTERATION BASED ON MICRO-FLUIDIC PLATFORM

(51) International classification	:B01L3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR ASHISH MATHUR
(87) International Publication No	: NA	2)HARSH JAIN
(61) Patent of Addition to Application Number	:NA	3)O P SINHA
Filing Date	:NA	4)R P SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a hand-held, microfluidic device for quick and accurate estimation of adulterants in liquid petroleum products. The present invention more particularly relates to a microfluidic device that comprises a micro-sensor and is based on either 2 or 3 electrode geometry, either as interdigitized electrode format or some other configuration. This microfluidic device will be based on contact/contactless conductivity detecting methods. The present microfluidic device is more accurate, low cost and time efficient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2771/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : MICROWAVE ASSISTED GREEN SYNTHESIS OF SILVER NANOPARTICLES USING NYCTANTHES ARBOR-TRISITIS PLANT EXTRACT

(51) International classification	:G03C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. SEEMA GARG
(87) International Publication No	: NA	2)DR. AMRISH CHANDRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for the preparation of microwave assisted green synthesis of silver nanoparticles. The present method comprises Nyctanthes arbor-trisitis plant extract, aqueous solution of AgNO₃ and uses microwave radiation that can reduce the silver ions into the silver nanoparticles. The formation of silver nanoparticles can be confirmed by any visualization techniques. The present method of preparation is rapid, user-friendly and costeffective in nature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2772/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED SYSTEM AND METHOD FOR VIDEO OBJECT TRACKING USING SOFT COMPUTING TECHNIQUES

(51) International classification	:G06N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MADHULIKA BHADAURIA
(87) International Publication No	: NA	2)ABHAY BANSAL
(61) Patent of Addition to Application Number	:NA	3)MADHURIMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved system and method for video object tracking using soft computing techniques. Video of a brain is loaded in MATLAB and moving neurons in it are identified. Neurons from a sample brain video are tracked and classified using neural network. The present invention identifies which neuron and synapses combination leads to which kind of action like hand movement emotional expression or any action in human body.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3029/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : STABLE PRESERVATIVE -FREE MYDRIATIC AND ANTI -INFLAMMATORY SOLUTIONS FOR INJECTION

(51) International classification :A01N43/48,A61K31/40
(31) Priority Document No :61/718026
(32) Priority Date :24/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066349
Filing Date :23/10/2013
(87) International Publication No :WO 2014/066485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :201 Elliott Avenue West, Seattle
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(72)**Name of Inventor :**
1)DEMOPULOS, Gregory, A.;
2)SHEN,Hui-Rong;
3)TEDFORD, Clark, E.;

(57) Abstract :

The present invention relates to stable, preservative- and antioxidant -free liquid formulations of phenylephrine and ketorolac for injection.

No. of Pages : 70 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3030/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CHILD- RESISTANT RECLOSABLE BAGS

(51) International classification :B65D33/25

(31) Priority Document No :61/717715

(32) Priority Date :24/10/2012

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

(86) International Application No :PCT/US2013/063771

Filing Date :08/10/2013

(87) International Publication No :WO 2014/066025

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :155 Harlem Avenue, Glenview, IL

60025 U.S.A.

(72)Name of Inventor :

1)SEPTIEN ROJAS ,Jose ,Manuel

2)WIHLBORG ,Lars

3)GRECO, Charles

4)MAURO, Jeffry

5)RUSSELL, Glyn

(57) Abstract :

The present disclosure relates to plastic or polymeric container with reclosable zippers 10 which make the package child -resistant. In one typical embodiment, this is achieved by a zipper with a high internal opening force and a low external opening force , wherein three flanges 16, 18 , 34 are sealed to the bag walls 102, 104 and one external flange 32 is left unsealed. In order to encounter the low external opening force, the user must grab the unsealed external flange while applying an external opening force to the zipper.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1737/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR INTERNAL ARC MANAGEMENT IN OFFSHORE WIND TURBINES

(51) International classification

:F3B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)THANGAMANI, ARUNVEL

(57) Abstract :

In view of the foregoing, an embodiment herein provides a device for internal arc management in wind turbine system, wherein the device includes at least an arc chute assembly capable of absorbing and grounding arcing current, and at least a pressure relieving mechanism capable of relieving hot and pressurized gases from the wind turbine and preventing the saline ambient air entry in to the wind turbine during pre and post arcing scenarios. The arc chute assembly includes plurality of sharp edge arc absorber capable of absorbing arc arising from critical electrical components, an open conduit, a cylindrical mandrel, an earthing plate, an electrical terminal and plurality of earthing cables. The pressure relieving mechanism includes an enclosure, a spring loaded seal having one or more stoppers, plurality of springs, and a movable spring loaded pad, and a weak joint seal having a fixing frame and an internal cap.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.246/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :28/01/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODEL-INDEPENDENT BATTERY LIFE AND PERFORMANCE FORECASTER

(51) International classification	:G01R31/36	(71)Name of Applicant :
(31) Priority Document No	:14/224,902	1)THE BOEING COMPANY
(32) Priority Date	:25/03/2014	Address of Applicant :100 North Riverside Plaza, Chicago, IL
(33) Name of priority country	:U.S.A.	60606-2016, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHENGYI LIU
(87) International Publication No	: NA	2)LIJUN GAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method includes determining parameters of a rechargeable battery during an effective power cycle of the rechargeable battery. The parameters include a current provided by the rechargeable battery, a voltage across the rechargeable battery, and a temperature of the rechargeable battery. The effective power cycle includes multiple charge operations and multiple discharge operations. The method includes estimating a remaining capacity of the rechargeable battery based on the current, the voltage, and the temperature. The method also includes generating an output indicating the remaining capacity.

No. of Pages : 31 No. of Claims : 14

(54) Title of the invention : METHOD AND APPARATUS FOR POSITIONING A CUTTING APPARATUS

(51) International classification :B26D7/26,B26D1/40,A61F13/00
 (31) Priority Document No :61/717285
 (32) Priority Date :23/10/2012
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2013/065871
 Filing Date :21/10/2013
 (87) International Publication No :WO 2014/066227
 (61) 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 PROCTER & GAMBLE COMPANY
 Address of Applicant :One Procter & Gamble Plaza,
 Cincinnati ,Ohio 45202 U.S.A.
 (72)**Name of Inventor :**
1)SCHNEIDER ,Uwe
2)FINDLEY, Daniel ,Patrick

(57) Abstract :

A rotary cutting apparatus includes a frame movable in a first direction and a second direction that is opposite the first direction. The apparatus includes a cutting roll. The cutting roll is rotatably connected with the frame and configured to rotate about a first longitudinal axis. The apparatus includes an anvil roll. The anvil roll is rotatably connected with the frame and is configured to rotate about a second longitudinal axis. The first longitudinal axis is substantially parallel with the second longitudinal axis. The apparatus includes a first stationary member adapted to prevent movement of the frame in the first direction. The apparatus also includes a second stationary member connected with the frame. The second stationary member has a first configuration that prevents movement of the frame in the second direction. The second stationary member has a second configuration that allows movement of the frame in the second direction.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3021/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR THE HEAT SEALING OF GLASS TUBES

(51) International classification :C03B23/11,C03B23/18
(31) Priority Document No :10 2012 109 189.7
(32) Priority Date :27/09/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/067640
Filing Date :26/08/2013
(87) International Publication No :WO 2014/048653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SCHOTT AG

Address of Applicant :Hattenbergstrae 10, 55122 Mainz
Germany

(72)Name of Inventor :

1)SCHMID, Albert;

2)SCHIRMEL, Thomas;

3)HENKE, Heinz-Josef;

4)HAMAN,Carsten;

5)VOLK, Franz;

(57) Abstract :

In a method for the heat sealing of glass tubes (2) the glass tube (2) is softened at a separating point adjacent to an end section (3) of said glass tube and the glass tube is rotated around the longitudinal axis thereof and heated in this manner until a heat softened state is reached in which the end section (3) is separated. According to the invention , the heat -softened end section of the glass tube is pulled away from the separating point by means of a pull off device (11) , which is preferably non -rotatably mounted , in such a way that the glass tube (2) is simultaneously heat sealed at the separating point during the separating process. Because of the rotation of the tube (2) on the conveyor belt simple linear softening burners (9) can be used beneath the tubes (2) in place of ring burners. Superimposing the rotation of the tube (2) with the preferably stationary fixed end section (3) of the glass tube results in a more uniform necking of the end section (3) and thus a more homogeneous seal. In particular , the process parameters for the necking and heat sealing of the glass tube ends can be flexibly specified in a simple manner according to the invention.

No. of Pages : 5 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2235/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF SYNTHETIC SLAG FROM LOW GRADE LIMESTONE AND DOLOMITE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS
(32) Priority Date	:NA	Address of Applicant :34, KM STONE DELHI MATHURA ROAD, BALLABGARH, HARYANA - 121004, INDIA Haryana India
(33) Name of priority country	:NA	2)PENDEN CEMENT AUTHORITY LIMITED,
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHWANI PAHUJA
(87) International Publication No	: NA	2)MOHAMMAD MUJTABA ALI
(61) Patent of Addition to Application Number	:NA	3)PREM SHANKER SHARMA
Filing Date	:NA	4)SANJEEV KUMAR CHATURVEDI
(62) Divisional to Application Number	:NA	5)SATISH KUMAR AGARWAL
Filing Date	:NA	6)VISHNU PAD CHATTERJEE
		7)DEVENDRA YADAV
		8)TASHI TSHERING
		9)UDAI KAFLAY

(57) Abstract :

This invention relates to a process for preparation of synthetic slag from low grade limestone and dolomite comprising steps of:- preparing a raw mix of dolomite, low grade limestone and additives; firing the raw mix to obtain molten slag, which is subjected to granulation. The synthetic slag is having properties similar to granulated blast furnace slag, which can be used in the manufacture of Portland Slag Cement and also in concrete works. Process of the instant invention is cost effective, reduces environment pollution and is energy efficient.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3016/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPLANTABLE RECEPTACLE FOR A HEARING AID COMPONENT

(51) International classification :H04R1/10
(31) Priority Document No :13/615378
(32) Priority Date :13/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059554
Filing Date :12/09/2013
(87) International Publication No :WO 2014/043417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OTOKINETICS INC.
Address of Applicant :2150 South 1300 East, Suite 500, Salt Lake City, Utah 84106 U.S.A.
(72)**Name of Inventor :**
1)KOSKOWICH ,Gregory N.

(57) Abstract :

An implantable receptacle for receiving a hearing aid component includes a body having a proximal portion a distal cylindrical portion and a joining portion joining the proximal portion to the distal cylindrical portion. First flexible tines extending from an outer wall of the distal cylindrical portion in the general direction of the proximal portion are configured to engage with and lock the distal cylindrical portion to a wall of a fenestration in a bone of the patient in a permanent fashion in response to pressing the sleeve into the fenestration. Second flexible tines extending from an outer wall of the distal cylindrical portion in a direction generally tangential to the circumference of the distal cylindrical portion are configured to engage with and prevent rotation of the distal cylindrical portion within the wall of the fenestration.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3017/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS FOR DECIDING WHEN TO SWITCH BETWEEN COMMUNICATION CHANNEL STATES AND NETWORK NODES THEREFOR

(51) International classification :H04W76/04,H04L12/803
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/070473
Filing Date :16/10/2012
(87) International Publication No :WO 2014/060022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :S- 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)SZABO, Geza;
2)PONGRACZ, Gergely;
3)SINTORN, Mathias;

(57) Abstract :

A method is carried out by a network node of a telecommunication network for deciding whether to change the state of a communication channel to a communication terminal, A characteristic of the traffic associated with the terminal is determined (s20) based on data collected in the network over a first time interval of length L. Then, based on the traffic characteristic the traffic activity expected to be associated with the terminal during at least a second time interval of length L is predicted (s40). The second time interval follows the first time interval. The network node then decides (s60), based on the predicted traffic activity for the second time interval , whether to change the state of the communication channel. The invention also relates to a network node (100) or set of network nodes for carrying such a method. The invention further relates to computer programs and computer program products.

No. of Pages : 31 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3018/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ADVANCING AN ABSORBENT ARTICLE

(51) International classification :A61F13/15

(31) Priority Document No :61/717282

(32) Priority Date :23/10/2012

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

(86) International Application No :PCT/US2013/065872

Filing Date :21/10/2013

(87) International Publication No :WO 2014/066228

(61) 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 PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza,
Cincinnati ,Ohio 45202 U.S.A.

(72)Name of Inventor :

1)SCHNEIDER, Uwe;

2)LENSER, Todd, Douglas;

(57) Abstract :

A converting apparatus operates to transfer a folded absorbent article from a first carrier apparatus to a second carrier apparatus. The converting apparatus includes a transfer apparatus and a guide member located adjacent to the transfer apparatus forming a gap there between. The transfer apparatus includes a frame that is rotatable about a first axis of rotation and a transfer member that is rotatable about a second axis of rotation. The transfer member defines a receiving surface and the guide member defines a guide surface. The guide surface converges toward the receiving surface. The frame advances the absorbent article in a machine direction through the gap. While advancing absorbent article advances through the gap , the transfer member rotates the absorbent article about the second axis of rotation. The guide member includes side seam tuckers that are adapted to tuck the side seams of the absorbent article.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11214/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR WRAPPING A LOLLIPOP HEAD BETWEEN TWO FILMS

(51) International classification :B29C65/18,B29C65/20,B65B9/04

(31) Priority Document No :12175373.5

(32) Priority Date :06/07/2012

(33) Name of priority country :EPO

(86) International Application
No :PCT/EP2013/061474

Filing Date :04/06/2013

(87) International Publication
No :WO 2014/005777

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GEA FOOD SOLUTIONS WEERT B.V.

Address of Applicant :De Fuus No. 8 NL 6006 RV Weert
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(72)Name of Inventor :

1)BAUMEISTER Bruno Gerfried

2)SEGERS Davy

(57) Abstract :

The present invention relates to a method for wrapping a lollipop head (13.1) between two films (11, 12) which are connected by a seal (14) which extends around the circumference of the lollipop head (13.1). The present invention further relates to a sealing unit (1) to seal two films at the circumference of a lollipop head with two sealing rolls (2, 3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11215/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : BRASSICA ROD1 GENE SEQUENCES AND USES THEREOF

(51) International classification :C12N15/82,C12N15/54,A01H5/00
(31) Priority Document No :12175303.2
(32) Priority Date :06/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/064186
Filing Date :04/07/2013
(87) International Publication No :WO 2014/006158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BAYER CROPSCIENCE NV
Address of Applicant :J.E. Mommaertslaan 14 B Diegem 1831 Belgium
(72)Name of Inventor :
1)DENOLF Peter
2)VAN THOURNOUT Michel
3)BOUROT Stephane

(57) Abstract :

The present invention relates to Brassica juncea ROD1 nucleic acid sequences and proteins and the use thereof to create plants with increased levels of C1 8: 1 and reduced levels of saturated fatty acids in the seeds.

No. of Pages : 93 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11218/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PRODUCTION OF N SUBSTITUTED SULFOXIMINE PYRIDINE N OXIDES

(51) International classification	:A01N43/80,A01N43/40	(71)Name of Applicant :
(31) Priority Document No	:61/666808	1)DOW AGROSCIENCES LLC
(32) Priority Date	:30/06/2012	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 1054 U.S.A.
(86) International Application No	:PCT/US2013/045556	(72)Name of Inventor :
Filing Date	:13/06/2013	1)BLAND Douglas C.
(87) International Publication No	:WO 2014/004094	2)ROSS Ronald
(61) Patent of Addition to Application Number	:NA	3)JOHNSON Peter L.
Filing Date	:NA	4)JOHNSON Timothy C.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one form processes for the production of certain N substituted sulfoximine N oxides are provided. Further embodiments forms objects features advantages aspects and benefits shall become apparent from the description.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11219/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : LIQUID POLYMERIZABLE COMPOSITION COMPRISING MINERAL NANOPARTICLES AND ITS USE TO MANUFACTURE AN OPTICAL ARTICLE

(51) International classification	:C08G75/04
(31) Priority Document No	:PCT/IB2012/001382
(32) Priority Date	:26/06/2012
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2013/063423
Filing Date	:26/06/2013
(87) International Publication No	:WO 2014/001404
(61) Patent of Addition 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)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE DOPTIQUE)
(72)**Name of Inventor :**
1)FEUILLADE Mathieu
2)CANTAGREL Guillaume

(57) Abstract :

The invention concerns a liquid polymerizable composition comprising a phosphine oxide or a phosphine sulphide monomer composition with mineral nanoparticles homogeneously dispersed therein as well as its use for the preparation of a transparent polymeric material having a high refractive index and its use in the optical field.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11220/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : OPERATIONS ADMINISTRATION AND MANAGEMENT (OAM) FUNCTIONS IN A SOFTWARE DEFINED NETWORK

(51) International classification	:H04L12/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2012/053946
Filing Date	:01/08/2012
(87) International Publication No	:WO 2014/020379
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)JOHN Wolfgang
2)MEIROSU Catalin

(57) Abstract :

Communication of a module to a datapath node is disclosed. A controller node receives connection information identifying a first datapath node in communication with a network. The controller node obtains Operations Administration and Management (OAM) information including an OAM action set that identifies one or more OAM actions the first datapath node is capable of implementing at the first datapath node. A first OAM tool module is determined that is operative to perform at least one of the one or more OAM actions identified in the OAM action set to implement a first OAM tool function. The first OAM tool module is communicated to the first datapath node.

No. of Pages : 42 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPRESSIVELY STRESSED LAMINATED GLASS ARTICLE VIA PHOTSENSITIVE GLASS AND METHOD OF MAKING THE ARTICLE

(51) International classification :B32B17/06,C03B17/06,C03C3/095
(31) Priority Document No :61/744854
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063408
Filing Date :04/10/2013
(87) International Publication No :WO 2014/055840
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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14831 U.S.A.
2)BOEK, Heather Debra
3)BORRELLI, Nicholas Francis
(72)Name of Inventor :
1)BOEK, Heather Debra
2)BORRELLI, Nicholas Francis

(57) Abstract :

Laminated articles comprised of glass core and clad layers, more specifically , to compressively stressed laminated articles comprising a glass core sandwiched between first and second clad layers , the clad layers being formed from photosensitive glass.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3051/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : PUMP PRIMING SYSTEMS

(51) International classification :G01N30/02

(31) Priority Document No :61/718438

(32) Priority Date :25/10/2012

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

(86) International Application No :PCT/US2013/066826

Filing Date :25/10/2013

(87) International Publication No :WO 2014/066769

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ALLTECH ASSOCIATES, INC.

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(72)Name of Inventor :

1)GAITA ,Romulus

2)MENDOZA, Washington

3)ANDERSON, James

4)GOLDE ,Melissa

5)SAAR-I NORDHAUS Raaidah

(57) Abstract :

Pump priming systems and chromatography systems containing the same are disclosed. Methods of making and methods of using pump priming systems are also disclosed. In conventional chromatography instrumentation , pump priming is performed in a manual mode where the operator manually opens a mechanical valve and uses a syringe to move liquid through the pump until the lines and the pump are filled with liquid.

No. of Pages : 43 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION

(21) Application No.244/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :28/01/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SURFACE INSPECTION APPARATUS FOR STRUCTURES, AND STRUCTURE SURFACE INSPECTION METHOD

(51) International classification	:G01N21/00	(71)Name of Applicant :
(31) Priority Document No	:2014-072761	1)Hitachi, Ltd.
(32) Priority Date	:31/03/2014	Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(33) Name of priority country	:Japan	Tokyo, Japan Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KONISHI Takaaki
(87) International Publication No	: NA	2)MATSUI Tetsuya
(61) Patent of Addition to Application Number	:NA	3)NAGASHIMA Yoshiaki
Filing Date	:NA	4)NAKANO Hiroyuki
(62) Divisional to Application Number	:NA	5)MIZOTA Hirohisa
Filing Date	:NA	

(57) Abstract :

To provide a surface inspection apparatus and surface inspection method for structures, adapted to inspect a surface of a structure more rapidly and improve inspection efficiency. This invention includes a pressure change generator (device) 5 that generates a change in pressure upon that surface of a structure 1 to be inspected that includes a stress-induced luminescent structural member 2 disposed to emit light according to stress, the pressure change generator 5 being configured to generate the pressure change while moving in a direction that the surface of the structure 1 extends, an imaging device 6 that moves integrally with the pressure change generator 5 and images that region on the surface of the structure 1 where the pressure change is occurring, and an image-processing unit 7 that detects defects on the surface of the structure 1 from an image of the structure 1 that the imaging device 6 acquires.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3052/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : TWO- PHASE ROTATING ELECTRICAL MACHINE

(51) International classification :H02K21/22,H02K1/14
(31) Priority Document No :2012231907
(32) Priority Date :19/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/077316
Filing Date :08/10/2013
(87) International Publication No :WO 2014/061501
(61) Patent of Addition 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)Hitoshi WATANABE
2)Gaku ITABASHI
3)Hideaki IT0
4)Takayuki SHIMODA

(57) Abstract :

In this two- phase rotating electrical machine, the number (P) of magnetic poles and the number (T) of teeth (16) are set so as to satisfy $P:T=4n:4(n+1)$, where P is the number of magnetic poles , T is the number of teeth (16) , and n is a natural number. The teeth (16) each comprise: a winding drum part (61) that extends along the radial direction and has an armature coil wound therearound; and a tip part (62) that extends from the tip of the winding drum part (61) along the circumferential direction. The circumferential center part of each tip part (62) corresponding to one phase is positioned so as to face the circumferential center part of a magnetic pole and the circumferential center part of each tip part (62) corresponding to the other phase is positioned so as to face the area between two magnetic poles adjacent in the circumferential direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3054/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLUID DELIVERY SYSTEM WITH HIGH AND LOW PRESSURE HAND MANIFOLD

(51) International classification :A61M5/168

(31) Priority Document No :61/714872

(32) Priority Date :17/10/2012

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

(86) International Application No :PCT/US2013/064938

Filing Date :15/10/2013

(87) International Publication No :WO 2014/062614

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :One Medrad Drive, hidianola, PA 1505

1 U.S.A.

(72)Name of Inventor :

1)SPOHN, Michael, A.;

2)SWANTNER, Michael,James;

3)MCDANIEL, Barry, L.;

(57) Abstract :

A fluid delivery system is provided and includes a power injector supporting a high- pressure syringe. The fluid delivery system further includes a manifold and a low pressure hand- operated syringe. The manifold generally includes a plurality of fluid control valves in series fluid communication. A first fluid control valve of the plurality of fluid control valves has a first port , a second inlet port, and a third port. The third port of the first fluid control valve is in fluid connection with a first port of a second fluid control valve. The low pressure hand -operated syringe is in fluid connection with the first port of the first fluid control valve , and the high pressure syringe is in fluid connection with the second port of the first fluid control valve. The fluid control valves may be multi position stopcock valves.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ADHESIVES AND RELATED METHODS

(51) International classification :C09J4/06,C09J123/02,C09J133/00
(31) Priority Document No :61/711386
(32) Priority Date :09/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064189
Filing Date :10/10/2013
(87) International Publication No :WO 2014/059057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AVERY DENNISON CORPORATION
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(72)Name of Inventor :
1)ZAJACZKOWSKI, Michael
2)WATERMAN ,Michael ,T.
3)HEIMBACH ,Kyle, R.
4)BARTHOLOMEW, Eric ,L.
5)MILLER, Brandon ,S.

(57) Abstract :

Cure in place pressure sensitive adhesive compositions are described that comprise one or more of a bodying component, a structural diluent , a radical diluent as well as additives such as crosslinkers , external catalysts, photoinitiators and stabilizers/ process aids. The bodying component can be acrylic or non -acrylic.

No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1745/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENHANCED THERMAL MANAGEMENT SYSTEM FOR FUEL CELL APPLICATIONS USING NANOFLUID COOLANT

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INTERNATIONAL ADVANCED RESEARCH CENTRE
FOR POWDER METALLURGY AND NEW
MATERIALS(ARCI)**

Address of Applicant :PLOT NO. 102, INSTITUTIONAL
AREA, SECTOR-44, GURGAON-122003, HARYANA Haryana
India

(72)Name of Inventor :

1)KAVERIPATNAM SAMBAN DHATHATHREYAN

2)NATARAJAN RAJALAKSHMI

3)BETHAPUDI VISWANATH SASANK

4)SUNDARA RAMAPRABHU

5)TESSY THERES BABY

(57) Abstract :

An enhanced thermal management system for Fuel Cell applications comprlse of primary and secondary cooling circuits. The primary cooling circuit (10) is having water as primary coolant (8) drawn from a reserve tank (3), which can be circulated through the Fuel Cell (1) and then heat exchanged with the secondary coolant in a plate heat exchanger (2). The secondary cooling circuit (II), consisting of GN-Nano Fluid as secondary coolant (9), cooling the primary coolant by removing heat from it across the said heat exchanger and further through a radiator/fan assembly(5) in which heat is removed from the secondary coolant to the ambient via convective heat transfer. The secondary coolant (GN)- Nanofluid, is made from thermally exfoliated wrinkled graphene (TEWG), synthesised after various process treatments. The present enhanced thermal management system for Fuel Cell is capable of maintaining at its peak load conditions namely, 2.5kW electrical power at a stack temperature between 45°C -50 C for at least 60 minutes and more.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.282/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVELOPMENT OF MECHANICAL TYPE FUEL INJECTOR CLEANING SYSTEM.

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HIMANSHU AGARWAL
(32) Priority Date	:NA	Address of Applicant :C-414, ALPHA-I, GREATER NOIDA,
(33) Name of priority country	:NA	UP. INDIA-201310 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HIMANSHU AGARWAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is the development of Mechanical type fuel injector cleaning system for cleaning the dirty injectors. The most attractive part of the system is the absence of this Mechanical type system which makes it almost cost effective & maintenance free. Mechanical type fuel injector cleaning system is used to clean the injectors with the help of controlled gasoline spray system. When fuel injectors get polluted, it creates obstruction in fuel flow and unable to allow spray pattern for proper combustion. The development of this work explaining conversion of Electronic type he1 injector cleaning system into Mechanical type fuel injector cleaning system. MFICS is fully designed by basic mechanical calculations and a assembly of Air cylinder, Fuel cylinder, Fuel filter, Pressure gauges, Gate valves, Safety valves, Fuel rail, Fuel pipe line, Air pipe line, Foot pump pressure, etc. All manually connected Mechanical parts consist MFICS.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3080/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : A SYSTEM FOR PRODUCING AN AUTO-VACCINE IN A SUBJECT

(51) International classification	:A61K31/35
(31) Priority Document No	:60/910,663
(32) Priority Date	:08/04/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/059561
Filing Date	:07/04/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7137/DELNP/2009
Filed on	:05/11/2009

(71)**Name of Applicant :**
1)IMMUNOLIGHT, LLC
Address of Applicant :1901 St, Antoine St. Detroit, MI 48226,
United States of America U.S.A.
(72)**Name of Inventor :**
1)FREDERIC A. BOURKE

(57) Abstract :

A system for producing an auto-vaccine in a subject, comprising: at least one activatable pharmaceutical agent capable of inducing a predetermined cellular change in a target cell in said subject; means for placing said at least one activatable pharmaceutical agent in said subject; and an initiation energy source to provide initiation energy capable of activating the at least one activatable pharmaceutical agent in said target cell, wherein activation is either direct or indirect.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3081/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING ENTITLEMENT OF DIGITAL ASSETS

(51) International classification :G06F21/00

(31) Priority Document No :13/653604

(32) Priority Date :17/10/2012

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

(86) International Application No :PCT/US2013/061169

Filing Date :23/09/2013

(87) International Publication No :WO 2014/062349

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DELL PRODUCTS L.P.

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78682- 2244 U.S.A.

(72)Name of Inventor :

1)O'CONNOR, Clint H.;

2)HUBER, Gary;

(57) Abstract :

In accordance with embodiments of the present disclosure an information handling system for managing the entitlement of digital assets may include a storage medium and a processor. The storage medium may include entitlement data associated with one or more digital assets. The processor may be configured to receive a plurality of entitlements for a digital asset from a parent device. The processor may also be configured to bind the digital asset and the plurality of entitlements to the information handling system. The processor may additionally be configured to allocate the plurality of entitlements among a plurality of child devices. The processor may be further be configured to bind the plurality of entitlements to the plurality of child devices in accordance with the entitlements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1687/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED BINARY PRESSURE SENSITIVE PAINT COATING

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAJI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BHARATHIBAI JYOTHI BASU
(61) Patent of Addition to Application Number	:NA	2)RAMACHANDRAPP VA LAKSHMI
Filing Date	:NA	3)CHANNA RAJU
(62) Divisional to Application Number	:NA	4)ARUNACHALAPANDIAN SATHIANARAYANAN
Filing Date	:NA	5)LAKSHMI VENKATAKRISHNAN

(57) Abstract :

The present invention discloses an improved binary pressure sensitive paint coating having improved adhesion and enhanced shelf-life, suitable for wind tunnel studies in both transonic and supersonic flows, and also suitable for application over larger surface areas on the model. The improved adhesion and enhanced shelf-life of the pressure sensitive paint coating has been achieved by replacing the epoxy screen layer with a new silicone-titanium dioxide screen layer cured at room temperature to get consistent paint properties. Pressure sensitive coating of present invention is also suitable for wind tunnel studies in both transonic and supersonic flows applications. The improved binary pressure sensitive paint of present invention is suitable for application over larger surface areas on the model, by mixing proportionally larger quantities of PSP ingredients and by removing the excess dichloromethane in the resulting PSP formulation before mixing with other remaining ingredients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2245/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : EXTENDING CONTENT DELIVERY NETWORKS TO END USER DEVICES

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD
(33) Name of priority country	:NA	75007, PARIS, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHATIA, RANDEEP S
(87) International Publication No	: NA	2)GUPTA, BHAWNA
(61) Patent of Addition to Application Number	:NA	3)SHRIVASTAVA, NISHEETH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A capability is provided for extending a content delivery network (CDN) to an end user device. The end user device is configured to operate as an extension of the CDN. The end user device includes a storage module configured to cache content items as part of the CDN. The end user device includes a control client configured to supporting caching of content items in the content cache. The control client of the end user device is configured to communicate with a control server for controlling loading of content items from network-based caches of the CDN to the storage module of the end user device. The control server is configured to communicate with a proxy server of the CDN for determining loading of content items from network-based caches of the CDN to the storage module of the end user device. 42

No. of Pages : 49 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2998/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ALIGNMENT DEVICES AND METHODS

(51) International classification :A61F2/32,A61F2/30,A61F2/28
(31) Priority Document No :61/715631
(32) Priority Date :18/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065730
Filing Date :18/10/2013
(87) International Publication No :WO 2014/063084
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SMITH & NEPHEW, INC.
Address of Applicant :1450 Brooks Road, Memphis,
Tennessee 38116 U.S.A.
2)WILKINSON, Zachary Christopher
(72)Name of Inventor :
1)WILKINSON, Zachary Christopher

(57) Abstract :

Embodiments of the invention include devices and methods for implanting arthroplasty devices. Some embodiments include designs that allow for use of x- ray images as the only images used to fully and accurately preoperatively and intraoperatively size and align arthroplasty device components and prepare all necessary tissue.

No. of Pages : 70 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3091/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MANUFACTURING METHOD FOR OPTICAL SUBSTRATE USING FILM SHAPED MOLD MANUFACTURING DEVICE, AND OPTICAL SUBSTRATE OBTAINED THEREBY

(51) International classification :B29C59/04,G02B5/02,G02B5/18
(31) Priority Document No :2012223103
(32) Priority Date :05/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/076791
Filing Date :02/10/2013
(87) International Publication No :WO 2014/054678
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JX NIPPON OIL & ENERGY CORPORATION
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Tokyo 1008162 Japan
(72)**Name of Inventor :**
1)JX NIPPON OIL & ENERGY CORPORATION

(57) Abstract :

In the present invention, an optical substrate manufacturing method has the following: a step (S0) for preparing a long film- shaped mold having an uneven pattern surface; a step (S2) for forming on the uneven pattern surface of the film shaped mold , a coating of a sol gel material; a step (S3) for causing the uneven pattern surface of the film -shaped mold on which the sol gel material coating film was formed to face a substrate, pressing a pressing- force roll against a surface opposite the uneven pattern surface of the film- shaped mold thereby bringing the coating film formed on the uneven pattern surface into close contact with the substrate; a step (S4) for removing the film -shaped mold from the coating film; and a step (S5) for curing the coating film that is in close contact with the substrate. The present invention enables high throughput manufacturing of an optical substrate that can be used for diffraction and scattering of light , and that has heat resistance and weather resistance.

No. of Pages : 64 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2990/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/10/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MATTRESS ASSEMBLY

(51) International classification :A47C27/00,A47C21/08,A47C17/32
(31) Priority Document No :ES201231201U
(32) Priority Date :13/11/2012
(33) Name of priority country:Spain
(86) International Application No :PCT/EP2013/072759
Filing Date :31/10/2013
(87) International Publication No :WO 2014/075928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LANGEL SYSTEM INTERNATIONAL S.L.
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(72)Name of Inventor :
1)S • NCHEZ ZARZA Alberto

(57) Abstract :

It comprises a main mattress (1) and a supplement mattress attached thereto. The supplement mattress (1) comprises a main body having two lateral extensions (2) a footboard extension (3) , a headboard extension (17), and a tubular structure (5). Extensions can be rotated 90° or 180° together with the tubular structure (5). A fitted sheet (20) is also provided. The surface of the mattress assembly can be expanded and it provides a safety means for preventing the user from falling to the ground.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2991/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/10/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HEAT EXCHANGE UNIT FOR SELF- COOLING BEVERAGE CONTAINER

(51) International classification:F25B15/10,F25B17/08,F28F21/02

(31) Priority Document No :61/714128

(32) Priority Date :15/10/2012

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

(86) International Application
No :PCT/US2013/064687

Filing Date :11/10/2013

(87) International Publication
No :WO 2014/062519

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)JOSEPH COMPANY INTERNATIONAL, INC.

Address of Applicant :1711 Langley Avenue, Irvine,
California 92614 U.S.A.

(72)Name of Inventor :

1)SILLINCE ,Mark

(57) Abstract :

An apparatus and method which includes placing an HEU containing compacted carbon particles within a cavity defined within a fixture and connecting a source of carbon dioxide gas under pressure to the fixture and to the HEU for flooding the carbon particles within the HEU with the carbon dioxide gas under pressure for a predetermined period of time sufficient to totally purge the trapped air contained within the HEU and then placing a cover or cap on the HEU to retain the residual head of carbon dioxide gas on the carbon particles until the gassing cycle is accomplished.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3086/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOW REFRIGERANT HIGH PERFORMING SUBCOOLER

(51) International classification :F28F9/24,F25B40/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/081990
Filing Date :26/09/2012
(87) International Publication No :WO 2014/047799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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New Jersey 08855 U.S.A.
(72)Name of Inventor :
1)COSBY II ,Ronald Maurice
2)LIU, Wade Bin

(57) Abstract :

A refrigerant displacement device (32) physically takes up volume of a subcooler (B C 34) that would normally be occupied by refrigerant. The refrigerant displacement device (32) can be a baffle (A) structure with orifices (2) through which heat exchange tubes (16 , 36) of the subcooler (B ,C , 34) are allowed to be inserted. Refrigerant is still allowed , however, to flow through the remaining volume of the subcooler (B , C , 34) and through openings constructed , e.g. annuluses , between the tube(s) (16 , 36) and the refrigerant displacement device (32), so as to allow refrigerant flow from an inlet of the subcooler (B, C ,34) to an outlet (5 , 15) of the subcooler (B , C , 34). The refrigerant displacement device (32) is used to reduce subcooler refrigerant charge while enhance heat transfer performance , e.g. by maintaining and/or increasing subcooler performance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3087/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR REMOVING DIOXANE FROM A COMPOSITION

(51) International classification :C11D1/29,C11D11/00,C07C303/44
(31) Priority Document No :61/711190
(32) Priority Date :08/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063712
Filing Date :07/10/2013
(87) International Publication No :WO 2014/058791
(61) 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 CHEMITHON CORPORATION
Address of Applicant :A Washington Corporation, 5430 West Marginal Way S.W., Seattle ,WA 98106 -1598 U.S.A.
(72)Name of Inventor :
1)JESSUP, Walter A.;
2)BROOKS, Burton;
3)SHEATS, W. Brad;

(57) Abstract :

Apparatus and processes for removing dioxane from a composition, e.g., an ethoxylated fatty alcohol sulfate paste, utilize an evaporator having an inlet chamber and one or more heated channels. The process includes the step of heating the composition at a location upstream of the flow restriction to a temperature above the flashing temperature of water at a pressure of the channel inlet and applying a pressure to the heated composition to avoid such flashing. The process further includes the step of passing the pressurized , heated composition through the evaporator. The process can further include injecting a vapor into the channel. The purified, concentrated product can be diluted with water to a desired concentration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3088/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS TO MANAGE COOLANT PRESSURE AND FLOW FOR AN ARRAY OF LIQUID SUBMERGED ELECTRONIC DEVICES

(51) International classification	:H05K7/20
(31) Priority Document No	:61/705409
(32) Priority Date	:25/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/061565
Filing Date	:25/09/2013
(87) International Publication No	:WO 2014/052377
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)REGIMBAL ,Laurent

2)ARCHER ,Sean

3)SHAFER, Steve

4)TUFTY, Lyle, R.

(57) Abstract :

A fluid delivery system configuration is described for use with an array of liquid submersion cooled electronic devices disposed in a rack such as an array of liquid submerged servers. The fluid delivery system allows for the pumping system to generate pressure and flow of the cooling system fluid at slightly higher levels than is necessary for the worst case device/position within the array and to provide for uniformity of delivery pressure and coolant flow to each and every device within the array.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2831/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : HEPATOPROTECTIVE DRUG BY USING CICHORIUM INTYBUS EXTRACT IN NOVEL POLYSACCHARIDE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEEPSHIKHA PANDE KATARE
(87) International Publication No	: NA	2)NEHA MATHUR
(61) Patent of Addition to Application Number	:NA	3)VIDHU AERI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel hepatoprotective drug by using Cichorium intybus extract in novel polysaccharide i.e. partially hydrolyzed tora gum (PHTG) which leads to enhanced absorption and sustained release of the drug. PHTG not only increases the drug absorption but also reduces scarring of the liver, thus preventing liver damage. The formulation is tested for its effectiveness against DEN (Diethylnitrosamine) induced toxicity in male wistar rats and has exhibited a very promising protective role.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3000/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR SURFACE MARKING A MECHANICAL PART WITH A PREDEFINED GRAPHIC REPRESENTATION VISIBLE TO THE NAKED EYE

(51) International classification	:B41M5/24
(31) Priority Document No	:1259546
(32) Priority Date	:08/10/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/052374
Filing Date	:07/10/2013
(87) International Publication No	:WO 2014/057195
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SNECMA

Address of Applicant :2 Boulevard du Gnral Martial Valin, F-75015 Paris France

(72)Name of Inventor :

1)BILHE, Pascal

2)BEGUE- DUTHU ,Geoffrey

3)GUIPONT ,Vincent

(57) Abstract :

The invention concerns a method for surface marking a mechanical part with a predefined graphic representation, comprising the application , via a laser source, of a single laser pulse onto an outer surface of a part to be marked , including interposing a mask having a predefined graphic representation between the laser source and the outer surface of the part , the laser pulse having a surface power of at least 20 MW/cm² and a duration less than or equal to 100 ns.

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

(54) Title of the invention : LASER DIODE SIDE PUMPING OF AN ELONGATED SOLID STATE LASER WITHOUT FOCUSING|OPTICS

(51) International classification :H01S3/06,H01S3/0941,H01S3/094
 (31) Priority Document No :1217379.5
 (32) Priority Date :28/09/2012
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2013/052121
 Filing Date :08/08/2013
 (87) International Publication No :WO 2014/049324
 (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)COOK, Trevor;
2)LEE, Stephen;
3)SILVER, Mark;

(57) Abstract :

A side pumped laser comprises an elongated gain medium (10) provided between an output coupler (20) and a counter reflector(15) and a pump source(65) configured to provide radiation to the gain medium (10) along a side axis of the gain medium , wherein the laser is configured such that radiation from the pump source is directly incident on the gain medium; and the pump source is provided proximate, adjacent or in contact with the gain medium. The laser material and compositions , geometries and dimensions are designed to both maximise laser performance and to permit the use of construction techniques commonplace in the production of equipment designed for optical telecoms systems to facilitate low cost high volume and miniaturisation. The elongated gain medium (10) may have a polygonal cross- section with a non coated side surface (55) receiving pump light emitted by a laser diode bar (65) while the other non- emitting surfaces are coated with for example a gold coating (60) for pump light recycling and cooling of the gain medium by heat conduction. The counter reflector (15) may be provided on one facet of a passive Q- switch (30) and the output coupler (20) on a facet (50b) of the gain medium (10).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3095/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR SEGREGATING TENANT SPECIFIC DATA WHEN USING MPLS IN OPENFLOW- ENABLED CLOUD COMPUTING

(51) International classification	:G06F9/455
(31) Priority Document No	:61/730394
(32) Priority Date	:27/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2013/059757
Filing Date	:29/10/2013
(87) International Publication No	:WO 2014/083449
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KEMPF, James;
2)MISHRA, Ramesh;

(57) Abstract :

A tenant database is used to add tenant ID information to the cloud network manager (CNM) address mapping table to isolate tenant specific data to a tenant ID to the CNM. The CNM maintains a mapping among a plurality of items in a plurality of databases or tables. The plurality of databases or tables include a tenant database (DB) , a tenant identifier to tenant label (TITL) table , a top of rack server label to virtual switch link label (TLVLL) table , a label mapping table (SMVL), and a CNM address mapping table. The CNM uses the plurality of databases to generate tenant specific labels that are added to packets sent between tenant virtual machines (VMs).

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3006/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM FOR LOCKING WIND TURBINE ROTATING ELECTRIC MACHINE SEGMENTS

(51) International classification	:H02K1/18,H02K7/18
(31) Priority Document No	:MI2012A001569
(32) Priority Date	:20/09/2012
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2013/058714
Filing Date	:20/09/2013
(87) International Publication No	:WO 2014/045247
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WINDFIN B.V.

Address of Applicant :1, Boulevard de la Foire, L-1528
Luxembourg Luxembourg

(72)Name of Inventor :

1)PABST, Otto;

(57) Abstract :

A system for locking wind turbine rotating electric machine segments has a supporting structure (10) extending about an axis of rotation (A) and having a first mating face (16), and a plurality of first axial grooves (23) , each communicating with the first mating face (16); a plurality of segments (12), each having a second mating face (18), and a second axial groove (24) which is positioned facing and adjacent to one of the first grooves (23); and an expansion plug (25) designed to engage a first and second groove (23 , 24) facing each other; the first and second groove (23 , 24) and the expansion plug (25) being designed so that the expansion plug , when expanded, exerts a force with a radial component to lock the segment (12) to the supporting structure (10) along the respective second and first mating face (18 , 16).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3007/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONTROL OF FLICKER IN DISPLAY IMAGES USING LIGHT EMITTING ELEMENT ARRAYS AS VIEWED BY A VIEWER IN MOTION

(51) International classification :G09G3/22,G06F9/30
(31) Priority Document No :61/704750
(32) Priority Date :24/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000796
Filing Date :23/09/2013
(87) International Publication No :WO 2014/043791
(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)HAN ,Jong Hwi
2)LEE ,Yeong Keun
3)BICKNELL ,Oswald Kenneth

(57) Abstract :

A system for generating a display image having multiple image display columns in a variable vehicle speed environment the display image for viewing by a viewer in motion the system comprising: a display unit having a vertical column of energizable light elements , each row of the vertical column having at least one energizable light element , the display unit positioned adjacent to a pathway used by a moving vehicle; and a controller configured for receiving a first vehicle speed; generating first display parameters based on the first vehicle speed for at least one row element in a first image display column of the multiple image display columns; receiving a second vehicle speed different from the first vehicle speed; generating second display parameters based on the second vehicle speed for at least one row element in a second image display column of the multiple image display columns; and transmitting the first and second display parameters to the display unit for use in generating the display image such that the first image display column and the second image display column of the display image are both to be generated sequentially from the same vertical column of energizable light elements; wherein the visual system of the viewer perceives the first image display column and the second image display column as part of the same display image.

No. of Pages : 59 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3101/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FIRE RETARDANT SYSTEMS FOR POLYMERS THAT ENABLE FLEXIBILITY AND STRENGTH

(51) International classification :C09K21/02

(31) Priority Document No :61/722389

(32) Priority Date :05/11/2012

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

(86) International Application No :PCT/US2013/067954

Filing Date :01/11/2013

(87) International Publication No :WO 2014/071124

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DE BOER ,Jan

2)MUYLDERMANS ,Xavier

3)KATO, Hiroshi

4)MASUKO, Norio

(57) Abstract :

The present invention relates to advanced flame/fire retardant compositions for fabric , upholstery , carpet, barrier , automotive , building construction, communication and consumer electronics applications. The flame retardant composition comprises: about 5- 25 wt.% hydrogenated styrenic block copolymer, about 6 -40 wt.% polyolefin, about 50- 80 wt.% inorganic flame retardant about 0- 5 wt.% coating ,about 0 -5 wt.% functionalized styrenic block copolymer, about 0- 7 wt.% agri- derived heat resistant liquid , about 0.05 -1.0 wt.%, antioxidant, and about 0 -7 wt.% optional additives such as metal deactivator , colorant , filler , and/or lubricants, wherein said composition totals 100 wt.%. An article made from the flame retardant composition , such as film , fiber, cable , and wire insulation meets various European and U.S. standards. The flame retardant compositions possess a good balance of tensile strength, elongation , flame resistance, and processability that has previously been unobtainable.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1331/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :13/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED PROCESS OF DYEING AND PROCESSING A NATURAL TEXTILE PRODUCT USING NATURAL DYES ALONGSIDE NEEM AND TULSI

(51) International classification	:D06P
(31) Priority Document No	:114/DEL/2010
(32) Priority Date	:21/01/2010
(33) Name of priority country	:India
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:114/DEL/2010
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SACHDEV, RAJIV RAI

(57) Abstract :

An improved process of preparing garments and natural textile products using natural fiber, yarns and fabric is provided. The process involves treating the natural textile products with natural dyes converted into micro-sized and nano-sized particles. The textile product is also treated with bio-enzymes and natural ingredients at all stages. A process of preparing garments using Neem (Azadirachta Indica) and Holy Basil (Ocimum Sanctum or Tulsi) is also provided. A process of preparing garments using apple cider vinegar is also provided to maintain the pH of the garments to make them skin friendly. A process of preparing garments encapsulating with negative ion generating pyroelectric mineral such as tourmaline.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3013/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ROTOR -STATOR ASSEMBLY FOR A GAS- TURBINE ENGINE

(51) International classification :F01D11/12,F01D5/28,C04B35/48

(31) Priority Document No :1259704

(32) Priority Date :11/10/2012

(33) Name of priority country :France

(86) International Application
No :PCT/FR2013/052370

Filing Date :07/10/2013

(87) International Publication
No :WO 2014/057194

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TURBOMECA

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(72)Name of Inventor :

1)GURT SANTANACH, Julien;

2)CRABOS, Fabrice;

(57) Abstract :

The invention concerns a rotor- stator assembly for a gas- turbine engine , comprising a rotor (2) at the apex of which a layer (8) made from a ceramic material forming an abrasive coating is deposited , said layer consisting mainly of zirconia and having a level of porosity equal to or lower than 15% , and a stator (4) disposed around the rotor and provided , opposite the rotor apex , with a layer (6) made from a ceramic material forming an abradable coating , said layer consisting mainly of zirconia and having a level of porosity of between 20% and 50% , with pores smaller than or equal to 50 µm.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3014/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PIEZOELECTRIC ELEMENT

(51) International classification :H01L41/193,G01L1/16,G06F3/041
(31) Priority Document No :2012226683
(32) Priority Date :12/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078245
Filing Date :10/10/2013
(87) International Publication No :WO 2014/058077
(61) Patent of Addition 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)ONO Yuhei
3)UCHIYAMA Akihiko
4)YAMAMOTO Tomoyoshi

(57) Abstract :

The present invention provides a piezoelectric element of fiber or fabric form , from which electrical output can be drawn through relatively low stress produced by rubbing the surface with the fingers or the like. The present invention is a piezoelectric element including piezoelectric units that include two conductive fibers and one piezoelectric fiber the fibers having points of mutual contact , while being arranged generally on the same plane.

No. of Pages : 62 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPRESSION ASSEMBLY FOR A TURBINE ENGINE

(51) International classification :F04D29/54,F04D29/56
(31) Priority Document No :1260637
(32) Priority Date :09/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052660
Filing Date :07/11/2013
(87) International Publication No :WO 2014/072642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)ESCURET ,Jean -François
2)BISCAY, Pierre
3)SEVESTRE ,Guillaume

(57) Abstract :

The invention relates to a compression assembly for a turbine engine, in particular a turboshaft engine, said assembly including an air-intake duct capable of receiving an air flow, at least one air compression stage including at least one mobile compressor impeller (115) onto which the duct leads and a pre- rotary vane (105) positioned in the air- intake duct upstream from the mobile compressor impeller (115) in order to control the speed of the air of said flow at the intake of the mobile impeller and including a plurality of variable pitch blades (110) , the assembly being characterised in that the pitch (S2) between two consecutive blades (110) of the vane (105) is greater than the chord (C2) of one of the two blades (110) at a given height of the air duct, preferably in the upper portion thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3104/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR OBTAINING CAFFEYOYLQUINIC ACIDS RICH EXTRACTS FROM HELIANTHUS ANNUUS

(51) International classification :A23L1/30,A61K36/28,A61P3/10
(31) Priority Document No :MI2012A001749
(32) Priority Date :16/10/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/070928
Filing Date :08/10/2013
(87) International Publication No :WO 2014/060244
(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)BOMBARDELLI, Ezio;
2)CORTI, Fabrizio;

(57) Abstract :

The present invention relates to extracts of deoiled seeds which are useful for the prevention and treatment of dyslipidaemia , hyperglycaemia and hypertension , metabolic syndrome and type 2 diabetes. The present invention also relates to the process for preparation of said extracts and compositions containing them. The extracts according to the invention when added to carbohydrate-based foods ,reduce the glycaemic index and postprandial absorption of glucose , and induce a modification of the lipid profile.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1705/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : A SYSTEM AND A MEHTOD FOR INVERTER POWER SWITCHING CONTROL FOR REDUCTION IN ELECTROMAGNETIC TORQUE RIPPLE IN A THREE PHASE INDUCTION MOTOR DRIVE

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant :HAUZ KHAS, NEW DELHI: 110 016,
(33) Name of priority country	:NA	INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)J.K. CHATTERJEE
(87) International Publication No	: NA	2)SAURABH N. PANDYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and a method for inverter power switching control for reduction in electromagnetic torque ripple in a three phase induction motor drive comprising the steps of driving a three phase induction motor ,estimating the rotor speed and stator flux ,comparing the reference rotor speed and stator flux with the estimated rotor speed and stator flux and processing the errors with corresponding Proportional and Proportional-Integrating controller and controlling the device switching pattern in the inverter by thus processed error.



No. of Pages : 31 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3025/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PREPARATION OF PROPANE OXIDATION CATALYSTS

(51) International classification :B01J35/00,B01J37/08,B01J37/00
(31) Priority Document No :61/707053
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/058195
Filing Date :05/09/2013
(87) International Publication No :WO 2014/051955
(61) Patent of Addition 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)BOGAN, Leonard E.;

(57) Abstract :

A process for preparing a propane oxidation catalyst , the process comprising pre -calcining the catalyst precursor in an oxygen-containing gas at a temperature of less than 330°C until the weight of the precursor stabilizes to obtain a pre- calcined precursor; then calcining the pre- calcined precursor to obtain the catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3026/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIV -1 ENVELOPE PROTEINS AND FRAGMENTS THEREOF THAT POSSESS EPITOPES RECOGNIZED BY BROADLY NEUTRALIZING ANTIBODIES

(51) International classification :A61K35/76

(31) Priority Document No :61/699680

(32) Priority Date :11/09/2012

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

(86) International Application No :PCT/US2013/059243

Filing Date :11/09/2013

(87) International Publication No :WO 2014/043220

(61) Patent of Addition to Application :NA

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BERMAN, Phillip, W.;

2)TATSUNO, Gwen;

3)YU, Bin;

4)MORALES, Javier;

5)MESA, Kathryn;

(57) Abstract :

HIV- 1 envelope proteins and fragments that possess naturally occurring and novel engineered epitopes that can be used to elicit (and are recognized by) broadly neutralizing antibodies.

No. of Pages : 65 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3027/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL AND FERMENTATION OF SUGARS

(51) International classification	:C12P1/00,C12P19/14	(71)Name of Applicant :
(31) Priority Document No	:12191957.5	1)DSM IP ASSETS B.V.
(32) Priority Date	:09/11/2012	Address of Applicant :Het Overloon 1, NL -6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2013/073253	(72)Name of Inventor :
Filing Date	:07/11/2013	1)BERKHOUT, Michael Petrus Jozef;
(87) International Publication No	:WO 2014/072393	2)HISENI, Aida;
(61) Patent of Addition to Application	:NA	3)NOORDAM, Bertus;
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the preparation of a sugar product from ligno cellulosic material , comprising the following steps: optionally pre- treatment of the ligno -cellulosic material; optionally washing of the optionally pre treated ligno- cellulosic material; enzymatic hydrolysis of the optionally washed and/or optionally pre- treated ligno -cellulosic material using an enzyme composition comprising at least two cellulase and whereby the enzyme composition at least comprises GH61;and optionally recovery of a sugar product; wherein during part of the time of the enzymatic hydrolysis ,oxygen is added to the ligno- cellulosic material and during part of the time of the enzymatic hydrolysis less oxygen is added to the ligno -cellulosic material compared to the other part of the time of the enzymatic hydrolysis ,preferably no oxygen is added to the ligno- cellulosic material.

No. of Pages : 57 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3112/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PISTON ACTUATOR CONTROLLING A VALVE AND METHOD FOR OPERATING THE SAME

(51) International classification	:F16K31/122
(31) Priority Document No	:61/752291
(32) Priority Date	:14/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2014/011385
Filing Date	:14/01/2014
(87) International Publication No	:WO 2014/123664
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)GRAICHEN ,Brian
3)GILMER ,Matt
4)MILLER ,James, H.
5)HAMPTON ,Keith

(57) Abstract :

The piston actuators include a housing defining a chamber having a piston therein and a spring seated against the piston to bias it into a starting position. The piston includes a ferromagnetic material , a magnet or both and a secondary magnet or ferromagnetic material, forming a first magnetic/ferromagnetic pair with the piston is positioned to maintain the piston in a secondary position. A tertiary magnet or ferromagnetic material , forming a second magnetic/ferromagnetic pair with the piston , may assist the spring in maintaining the piston in the starting position. During operation introduction into or removal from the chamber of an amount of fluid sufficient to overcome the force of the spring (and the tertiary magnet or ferromagnetic material) enables the attraction between the members of the first magnetic/ferromagnetic pair to move the piston to the secondary position as a snap movement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3022/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM FOR COMBINING THE CLUTCH PEDAL AND THE ACCELERATION PEDAL OF A CAR

(51) International classification :B60W10/02,B60W10/04,B60W30/18
(31) Priority Document No :1202816
(32) Priority Date :23/10/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/000238
Filing Date :12/09/2013
(87) International Publication No :WO 2014/064343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MOHAMED SAID, Mahmoud
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(72)Name of Inventor :
1)MOHAMED SAID ,Mahmoud

(57) Abstract :

A device for combining the clutch pedal and the acceleration pedal into a single novel pedal. The invention concerns a device that makes it possible to discard the clutch pedal , keeping the clutch system that will function with a novel pedal that operates the acceleration and the clutch at the same time. It consists of a single pedal that accelerates the car and ,at the same time ,turns a cam (figure 1) to connect and disconnect the clutch disc. The device according to the invention is intended for cars.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3023/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODIFIED MICROGRINDING PROCESS

(51) International classification :H01L21/304

(31) Priority Document No :61/707528

(32) Priority Date :28/09/2012

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

(86) International Application No :PCT/US2013/060442

Filing Date :18/09/2013

(87) International Publication No :WO 2014/052130

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)KRISHNAN,Ajay

3)ARCONA, Christopher;

4)TANIKELLA, Anand;

(57) Abstract :

A method of forming a substrate is performed by grinding a substrate using abrasives so that both major surfaces of the substrate achieve desired flatness, smoothness , or both. In an embodiment ,a coarser abrasive is used to grind one major surface , while a finer abrasive is simultaneously used to grind the other major surface. A single grinding step can used to produce a substrate having opposing surfaces of different surface roughnesses. This may help to eliminate a typical second downstream fine polishing step used in the prior art. Embodiments can be used with a wide variety of substrates, including sapphire, silicon carbide and gallium nitride single crystal structures grown by various techniques.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3024/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : STOPPER DELIVERY APPARATUS BETWEEN RUBBER STOPPER CLEANING MACHINE ,AND FILLING AND STOPPERING MACHINE, AND A CLEANING, FILLING AND STOPPERING PRODUCTION LINE

(51) International classification :B65G27/04,B65G27/08,B65G45/22
(31) Priority Document No :201210538069.0
(32) Priority Date :13/12/2012
(33) Name of priority country:China
(86) International Application No :PCT/CN2013/088954
Filing Date :10/12/2013
(87) International Publication No :WO 2014/090133
(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)LIU Qianfeng
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(57) Abstract :

Disclosed are a stopper delivery apparatus between a rubber stopper cleaning machine and a filling and stoppering machine , and a cleaning filling and stoppering production line. The ,stopper delivery apparatus between a rubber stopper cleaning machine and a filling and stoppering machine comprises a rubber stopper delivery channel (1) wherein an inlet end of a rubber stopper delivery channel (1) is connected to a stopper outlet (91) of the rubber stopper cleaning machine (9), and an outlet end of the rubber stopper delivery channel (1) leads to a stopper loading station of the filling and stoppering machine (8). The rubber stopper delivery channel (1) is arranged as inclined upwards from the inlet end to the outlet end. A vibration component (5) is connected to the rubber stopper delivery channel (1) and used to drive the vibration of the rubber stopper delivery channel (1) so as to make the rubber stoppers in the rubber stopper delivery channel (1) be flung or slide from the inlet end to the outlet end. A cleaning, filling and stoppering production line comprises the rubber stopper cleaning machine (9) and the filling and stoppering machine (8), wherein a stopper delivery apparatus as described above is provided between the rubber stopper cleaning machine (9) and the filling and stoppering machine (8). The delivery apparatus and the production line have a simple structure , are low in cost, can reduce the risk of secondary contamination of the rubber stoppers , and have high adaptability to a factory structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3110/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ABSORBENT ARTICLES WITH CHANNELS AND SIGNALS

(51) International classification :A61F13/535,A61F13/536,A61F13/84
(31) Priority Document No :13/675212
(32) Priority Date :13/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069521
Filing Date :12/11/2013
(87) International Publication No :WO 2014/078247
(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)JACKELS ,Hans ,Adolf
4)ARIZTI, Blanca
5)BIANCHI, Ernesto
6)ROE ,Donald ,Carroll
7)BROWN, Darrell ,Ian
8)SANBORN, Sarah, Ann
9)FITES, Theodore, Cory

(57) Abstract :

Absorbent articles herein may provide a topsheet, a backsheet , an absorbent core disposed between the topsheet and the backsheet ,and a printed adhesive layer disposed between the topsheet and the absorbent core. The absorbent core may comprise channels , and the adhesive print layer may be visible through the topsheet.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3019/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CUTTING A SUBSTRATE

(51) International classification :B26F1/38,B26D1/40,A61F13/00
(31) Priority Document No :61/717290
(32) Priority Date :23/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066000
Filing Date :22/10/2013
(87) International Publication No :WO 2014/066278
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SCHNEIDER ,Uwe
2)FINDLEY ,Daniel Patrick

(57) Abstract :

A rotary cutting apparatus is configured to rotate about a first longitudinal axis. The cutting roll includes a cutting member. The apparatus includes an anvil roll that is configured to rotate about a second longitudinal axis. The anvil roll is positioned relative to the cutting roll such that the first longitudinal axis is substantially parallel with the second longitudinal axis. The anvil roll includes an outer circumferential surface. The second longitudinal axis is selectively movable between a first position and a second position relative to the first longitudinal axis. In the first position ,a first minimum distance is defined between the first longitudinal axis and the second longitudinal axis. In the second position a second minimum distance is defined between the first longitudinal axis and the second longitudinal axis, and wherein the second minimum distance is greater than the first minimum distance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3125/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IP-10 BASED IMMUNOLOGICAL MONITORING

(51) International classification	:G01N33/68, C12Q1/68
(31) Priority Document No	:PA200601145
(32) Priority Date	:05/09/2006
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2007/000399
Filing Date	:05/09/2007
(87) International Publication No	:WO 2008/028489
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2197/DELNP/2009
Filed on	:02/04/2009

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2)RAVN, Pemille
3)EUGEN-OLSEN, Jesper

(57) Abstract :

The present invention relates to an immunological method and, more particularly, a method for measuring cell-mediated immune reactivity (CMI) in mammals based on the production of IP- 10.The invention further discloses an assay and a kit for measuring CMI to an antigen using whole blood or other suitable biological samples. The methods of the present invention are useful in therapeutic and diagnostic protocols for human, livestock and veterinary and wild life applications, thus the invention further relates to a method for diagnosing an infection in a mammal.

No. of Pages : 92 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : THERAPEUTIC CONTACT LENS

(51) International classification :G02C7/04,A61F9/00,A61M35/00

(31) Priority Document No :1020120121406

(32) Priority Date :30/10/2012

(33) Name of priority country :Republic of Korea

(86) International Application No :PCT/KR2013/009691

Filing Date :29/10/2013

(87) International Publication No :WO 2014/069881

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)KIM, Seon Ho

(57) Abstract :

The present invention relates to a therapeutic contact lens wherein a therapeutic medicine can be accommodated between an eyeball and a lens, thereby improving the effect and speed of eye treatment. The therapeutic contact lens according to the present invention comprises: a main body of a lens having a spherical surface for allowing the lens to be worn on the eye; an accommodation portion formed to be inward facing the side at the inner surface of the main body of a lens coming in contact with an eyeball; and a medicine portion accommodated in the accommodation portion to deliver a medicine ingredient to the eyeball when the main body of a lens is worn. The accommodation portion can be formed in the form of a circular inlet groove having a predetermined diameter at the center of the inner surface of the main body of a lens, a light transmission portion is formed at the center of the main body of a lens to allow a wearer to see frontward and the accommodation portion can be formed in a ring shape along the edge of the light transmission portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3127/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR FACILITATING MOBILE DEVICE PAYMENTS USING CODES AND CASHBACK BUSINESS MODEL

(51) International classification	:G06Q40/00
(31) Priority Document No	:13/620775
(32) Priority Date	:15/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2013/058157
Filing Date	:30/08/2013
(87) International Publication No	:WO 2014/041456
(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)ZHOU ,Andrew

(72)Name of Inventor :

1)ZHOU ,Tiger

2)ZHOU, Dylan

3)ZHOU ,Andrew

(57) Abstract :

Provided are methods and systems for facilitating mobile device payments using codes and cashback business model. Upon installation of an application on a mobile device, a customer may specify his payment information which may include data on a credit/debit card or a bank checking account. Once the payment information has been specified , the customer may receive a unique code encoding his payment information. The customer may then start scanning product barcodes with his mobile device. To make payment for products the unique code displayed on a screen of the customer mobile device may be scanned by a payment receiver mobile device. The payment receiver mobile device may further display customer records stored in a database of a payment processing system. Based on the customer records, the customer may be provided with various cashback opportunities , as well as credits and discounts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3041/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ORAL CARE SYSTEM

(51) International classification :A46B5/00,A46B11/00,A45D40/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/060776
Filing Date :18/10/2012
(87) International Publication No :WO 2014/062186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :300 Park Avenue, New York ,New York 10022 U.S.A.
(72)Name of Inventor :
1)BOYKE, Christine;
2)WU, Donghui;

(57) Abstract :

An oral care system including a toothbrush body having a cavity and a dispenser positioned within the cavity. In one aspect, the invention can be an oral care system comprising: a toothbrush body comprising a handle and a head , the toothbrush body extending along a longitudinal axis from a proximal end to a distal end; a plurality of tooth cleaning elements extending from the head; an opening in the proximal end of the toothbrush body that forms a passageway into an internal cavity of the handle; a first dispenser positioned within the internal cavity and comprising a first store of oral care material, the first dispenser resiliently coupled to the toothbrush body to be alterable between: (1) a first retracted state; and (2) a first extended state.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3042/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : WIND POWER PLANT AND METHOD FOR SUPPLYING ELECTRICAL ENERGY

(51) International classification	:H02J3/00
(31) Priority Document No	:10 2012 220 582.9
(32) Priority Date	:12/11/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/071771
Filing Date	:17/10/2013
(87) International Publication No	:WO 2014/072159
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DIEDRICHS ,Volker

(57) Abstract :

The invention relates to a method for supplying electrical energy to an electrical, three -phase power supply system (8), comprising the following steps: Supplying electrical current by means of a supply unit (2) to a mains connection point (60), detecting an asymmetry in the power supply system (8), in particular of a negative sequence component in the power supply system (8) , supplying an asymmetrical power proportion into the power supply system (8) in order to at least partially compensate for the detected asymmetry , wherein the supplying of the asymmetrical power proportion occurs in such a way that for said purpose the supply unit (2) behaves like a consumer (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3134/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SAVING PROCESSOR ARCHITECTURAL STATE IN CACHE HIERARCHY

(51) International classification	:G06F9/44
(31) Priority Document No	:13/653744
(32) Priority Date	:17/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/065178
Filing Date	:16/10/2013
(87) International Publication No	:WO 2014/062764
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)WALKER, William L.

(57) Abstract :

A processor (105) includes a first processing unit (110 , 115) and a first level cache (220) associated with the first processing unit and operable to store data for use by the first processing unit used during normal operation of the first processing unit. The first processing unit is operable to store first architectural state data (240, 250 , 260) for the first processing unit in the first level cache responsive to receiving a power down signal. A method for controlling power to a processor (105) including a hierarchy of cache levels (220 , 230) includes storing first architectural state data (240 , 250 , 260) for a first processing unit (110 , 115) of the processor in a first level (220) of the cache hierarchy responsive to receiving a power down signal and flushing contents of the first level including the first architectural state data to a first lower level (230) of the cache hierarchy prior to powering down the first level of the cache hierarchy and the first processing unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3135/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PHARMACEUTICAL FORMULATION CONTAINING THIENOTRIAZOLODIAZEPINE COMPOUNDS

(51) International classification :A61K9/16,A61K9/48,A61K9/20
(31) Priority Document No :61/707465
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/003026
Filing Date :27/09/2013
(87) International Publication No:WO 2014/068402
(61) Patent of Addition to Application Number :NA
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)MINIKIS ,Ryan

(57) Abstract :

A solid dispersion comprising an amorphous thienotriazolodiazepine compound of the Formula (I), wherein X ,is a halogen R1 is C1- C4 alkyl, R2 is C1- C4 alkyl , a is an integer of 1- 4 , R3 is C1- C4 alkyl , C1- C4 hydroxyalkyl, C1- C4 alkoxy, phenyl optionally having substituent(s) , or heteroaryl optionally having substituent(s), a pharmaceutically acceptable salt thereof or a hydrate thereof; and a pharmaceutically acceptable polymer. In one embodiment , the pharmaceutically acceptable polymer is HPMCAS. The solid dispersion may be made by spray drying.

No. of Pages : 69 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1694/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SOFTWARE FOR MOBILE TICKETING SYSTEM

(51) International classification	:G06F 1/10	(71) Name of Applicant : 1)HARISH JOSHI
(31) Priority Document No	:NA	Address of Applicant :MB-13, THDC COLONY,
(32) Priority Date	:NA	KEDARPURAM, P.O.-DEFENCE COLONY, DEHRADUN,
(33) Name of priority country	:NA	UTTARAKHAND-248001 Uttarakhand India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HARISH JOSHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The software provides an easy facility for passengers to receive traveling ticket on their mobile handset .software helps people to pay traveling cost/amount through mobile phone after verification .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3047/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : MECHANICALLY ACTUATED DEVICE POSITIONED BELOW MECHANICALLY ACTUATED RELEASE ASSEMBLY UTILIZING J- SLOT DEVICE

(51) International classification	:E21B17/06,E21B17/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HALLIBURTON ENERGY SERVICES, INC.
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(33) Name of priority country	:NA	77072 U.S.A.
(86) International Application No	:PCT/US2012/062097	(72) Name of Inventor :
Filing Date	:26/10/2012	1)STAUTZENBERGER ,Arthur
(87) International Publication No	:WO 2014/065814	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tool string carrying an external tool, such as a liner hanger , on a release mechanism is lowered into the wellbore. Interlocking lugs and J -slot profile , defined between the exterior surface of the mandrel and interior surface of the release mechanism , allow relative movement of release mechanism and mandrel without releasing the release mechanism. The relative movement allows mechanical operation of a valve or other tool positioned below the release mechanism. Weight- down and rotation of the tool string and mandrel actuates the lower valve assembly by turning a sleeve into alignment with cooperating members of the mandrel. The sleeve no ,longer constrained, moves longitudinally in response to a biasing mechanism. Movement of the sleeve allows closure of the valve. After actuation of the valve tool, further weight -down releases the release mechanism from the carried tool.

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3048/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : LAMINATED GLASS ARTICLE WITH CERAMIC PHASE AND METHOD OF MAKING THE ARTICLE

(51) International classification :B32B17/06,C03B17/06,C03C10/00
(31) Priority Document No :61/744850
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063403
Filing Date :04/10/2013
(87) International Publication No :WO 2014/055837
(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)BOEK, Heather Debra
4)VENKATARAMAN, Natesan
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2)BOEK, Heather Debra
3)VENKATARAMAN ,Natesan

(57) Abstract :

A method for forming a laminated glass article with a ceramic phase such as a beta- spodumene phase , located at least at the junctures between a glass core and directly adjacent glass clad layers, and in some embodiments located throughout the laminated glass article. In some embodiments , a method is disclosed herein for forming a beta spodumene glass ceramic sheet , or a laminated glass article having a ceramic phase or a laminated glass article having a beta- spodumene glass -ceramic , is disclosed.

No. of Pages : 14 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3049/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENERGY SENSITIZATION OF ACCEPTORS AND DONORS IN ORGANIC PHOTOVOLTAICS

(51) International classification :H01L51/42,H01L51/00,H01L51/50
(31) Priority Document No :61/710504
(32) Priority Date :05/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063661
Filing Date :07/10/2013
(87) International Publication No :WO 2014/055976
(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)THOMPSON ,Mark ,E.
2)TRINH ,Cong
3)DJUROVICH, Peter I.
4)CONRON, Sarah, M.

(57) Abstract :

Disclosed herein are organic photosensitive optoelectronic devices comprising acceptor and/or donor sensitizers to increase absorption and photoresponse of the photoactive layers of the devices. In particular , devices herein include at least one acceptor layer and at least one donor layer , wherein the acceptor layer may comprise a mixture of an acceptor material and at least one sensitizer , and the donor layer may comprise a mixture of a donor material and at least one sensitizer. Methods of fabricating the organic photosensitive optoelectronic devices are also disclosed.

No. of Pages : 97 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3141/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING HETEROPHASIC PROPYLENE COPOLYMER AND TALC

(51) International classification :C08L23/10,C08L23/14
(31) Priority Document No :12006582.6
(32) Priority Date :19/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/069296
Filing Date :17/09/2013
(87) International Publication No :WO 2014/044683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)HERKLOTS ,Marc
2)VAN MIERLOO ,Sarah

(57) Abstract :

The invention relates to a Process for the preparation of a composition comprising (A) a heterophasic propylene copolymer ,(B) talc and (C) a phenolic antioxidant and/or a processing stabilizer, wherein the heterophasic propylene copolymer consists of (a) a propylene- based matrix , wherein the propylene -based matrix consists of a propylene homopolymer and/or a propylene a- olefin copolymer consisting of at least 70wt% of propylene and up to 30wt% of ethylene , based on the total weight of the propylene- based matrix, wherein the propylene -based matrix is present in an amount of 60 to 95wt% based on the total heterophasic propylene copolymer and (b) a dispersed ethylene- a -olefin copolymer , wherein the dispersed ethylene- a- olefin copolymer is present in an amount of 40 to 5wt% based on the total heterophasic propylene copolymer and wherein the sum of the total amount of propylene based matrix and total amount of the dispersed ethylene- a- olefin copolymer in the heterophasic propylene copolymer is 100wt%. wherein at least part of the talc is surface -modified and wherein the amount of talc in the composition is from about 0.5 to at most 5wt% based on the heterophasic propylene copolymer , comprising the step of melt mixing component (A) component (B) and component (C).

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11200/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : LIFT SAFETY MECHANISM

(51) International classification	:B66B5/26
(31) Priority Document No	:92027
(32) Priority Date	:21/06/2012
(33) Name of priority country	:Luxembourg
(86) International Application No	:PCT/EP2013/062763
Filing Date	:19/06/2013
(87) International Publication No	:WO 2013/189993
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)ABU AL RUBB Khalil Mahmoud

(57) Abstract :

A safety mechanism for a lift system the safety mechanism including a first motion retarder which operates frictionally between a load carrying platform and a hoistway and a second motion retarder which operates by breaking a frangible element. The two motion retarders may act together so that when the frictionally engaging element is depleted the frangible elements are then broken. In an embodiment the frictional element is disengaged to engage the breaking of the frangible elements when the car is a predetermined distance above a floor of the hoistway thereby ensuring that the load carrying platform can be stopped prior to a collision with the floor or ceiling of the hoistway.

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11201/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS OF DECELLULARIZING BONE

(51) International classification :C12N5/071,C12N5/00,A61F2/28	(71)Name of Applicant :
(31) Priority Document No :61/659046	1)MIROMATRIX MEDICAL INC.
(32) Priority Date :13/06/2012	Address of Applicant :18683 Bearpath Trail Eden Prairie MN
(33) Name of priority country :U.S.A.	55347 U.S.A.
(86) International Application No :PCT/US2013/045387	(72)Name of Inventor :
Filing Date :12/06/2013	1)ROSS Jeffrey
(87) International Publication No :WO 2013/188525	2)PORTER Blaise
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :
Methods of decellularizing bone e.g. human bone are provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3062/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ARTICLE (S) WITH SOFT NONWOVEN WEB

(51) International classification :A61F13/511,D04H1/4291,D04H1/4374
(31) Priority Document No :61/723047
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068046
Filing Date :01/11/2013
(87) International Publication No :WO 2014/074409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)XU Han
2)FERRER John
3)DEBEER Antonius Lambertus
4)MECL Zdenek
5)KUMMER Jiri
6)KLASKA Frantisek
7)KASPARKOVA Pavlina
8)KOHUT Jaroslav

(57) Abstract :

A product that includes a soft nonwoven web is disclosed. The nonwoven web includes a first fibrous layer made of a first composition and a second fibrous layer made of a second composition. The second composition is different from the first composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3063/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CHANGING THE ORIENTATION OF AN ABSORBENT ARTICLE

(51) International classification :A61F13/15,B65G47/244,B65G47/84
(31) Priority Document No :61/717274
(32) Priority Date :23/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065999
Filing Date :22/10/2013
(87) International Publication No :WO 2014/066277
(61) 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 PROCTER & GAMBLE COMPANY
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(72)**Name of Inventor :**
1)SCHNEIDER, Uwe
2)LENSER, Todd, Douglas;
3)PAPSDORF, Clifford ,Theodore

(57) Abstract :

The methods and apparatuses disclosed herein operate to change the orientation of an absorbent article. The apparatus includes a transfer apparatus having a frame that is rotatable about a first axis of rotation and a transfer member that is rotatable about a second axis of rotation. The method includes advancing an absorbent article in a machine direction. The absorbent article is defined by a longitudinal centerline intersected by a lateral centerline at a center. The method includes rotating the absorbent article from a first orientation where the longitudinal centerline extends in a cross- direction to a second orientation where the longitudinal centerline extends in the machine direction. The method includes shifting the absorbent article such that the center of the absorbent article shifts from a first cross -directional position to a second cross- directional position. The steps of rotating the absorbent article and shifting the absorbent article may occur concurrently.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3065/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMBINATION

(51) International classification :A61K31/506,A61P35/00,C07D403/12
(31) Priority Document No :61/716790
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065829
Filing Date :21/10/2013
(87) International Publication No :WO 2014/066204
(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)GLAXOSMITHKLINE LLC
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(72)Name of Inventor :
1)KUMAR, Rakesh

(57) Abstract :

The present invention relates to a method of treating cancer in a human and to pharmaceutical combinations useful in such treatment. In particular , the method relates to a cancer treatment method that includes administering 5- [[4- [(2 ,3 -dimethyl- 2H- indazol- 6-yl)methylamino]- 2- pyrimidinyl]amino]- 2- methylbenzenesulfonamide, or a pharmaceutically acceptable salt thereof , and N- {(1S)- 2 -amino- 1 -[(3, 4- difluorophenyl)methyl]ethyl}- 5- chloro- 4- (4 -chloro- 1 -methyl -1Z/- pyrazol- 5- yl)- 2- furancarboxamide, or a pharmaceutically acceptable salt thereof , to a human in need thereof.

No. of Pages : 50 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3153/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CANISTER MOUNTING STRUCTURE FOR A MOTORCYCLE

(51) International classification :B62J37/00,B62J9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/TH2013/000002
Filing Date :18/01/2013
(87) International Publication No :WO 2014/112959
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Minato- ku, Tokyo 107- 8556 Japan

(72)Name of Inventor :

1)SAKANE ,Taiki

(57) Abstract :

The present invention disclosed a canister mounting structure 8 for a motorcycle 100 comprising a storage box 10 mounting under a seat 9 of the motorcycle 100; a canister 14 mounted in a recess portion 22 of said storage box 10 and communicably connected to a fuel tank 16 and an engine intake system 18 so as to collect vaporized fuel; said storage box 10 stores a battery 20 therein and comprising said recess portion 22 formed externally to a side surface of said storage box 10 and is overlapping with said battery 20; and wherein said canister 14 is mounted in the rear- upwardly manner inside said recess portion 22 of the said storage box 10.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3147/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LASER PROCESSING DEVICE AND LASER RADIATION METHOD

(51) International classification :C21D8/12,H01F1/16,C22C38/00
(31) Priority Document No :2012246305
(32) Priority Date :08/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080092
Filing Date :07/11/2013
(87) International Publication No :WO 2014/073599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Koji HIRANO
2)Hirofumi LMAI
3)Hideyuki HAMAMURA

(57) Abstract :

A laser processing device that includes a laser radiation device , in which said laser radiation device is configured so that the intensity distribution in the cross -section in the direction perpendicular to the scanning direction of a laser beam , which concentrates light on an oriented magnetic steel sheet, on the surface of the oriented magnetic steel sheet, is such that when Rai and Ra2 represent the distances between the intensity distribution center and the positions at which the integral value of the intensity from the intensity distribution center reaches 43% of the total integral intensity value , beam intensities Ia and Ia2 represent the intensities of the laser beam at Rai and Ra2, Ia represents the average value of Iai and Ia2, and beam intensity Ib represents the intensity of the laser beam at the intensity distribution center, Ib/Ia is equal to or less than 2.0

No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3148/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR DIFFERENTIATING CONTROL FAILURES IN A SYSTEM FOR CONTROLLING AN ACTUATOR ,IN PARTICULAR OF A STATOR OF A GAS- TURBINE ENGINE

(51) International classification	:F02C9/20
(31) Priority Document No	:1259038
(32) Priority Date	:26/09/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/052238
Filing Date	:24/09/2013
(87) International Publication No	:WO 2014/049260
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHEVALIER ,Sverine

2)RODRIGUES ,Jose

3)TIEPEL ,Alain

(57) Abstract :

The present invention relates to a method for differentiating control failures in a system for controlling an actuator (14) determining the position of a member for modifying the state of a gas- turbine engine , the system including a single- or dual- channel electric control and a mechanical control , the electric control including one computer (10 , 10) per channel , only one of which is active at any given time in order to calculate the set position of the movable member of the actuator (14) and to transmit a set signal to the single -channel mechanical control of the actuator , a failure being diagnosed when a deviation is detected between the set position of the movable member of the actuator and the position thereof measured during a predetermined deviation confirmation time. The method is characterised in that the speed of movement of the actuator is measured and in that the system diagnoses an electrical failure when, during said time for confirming the deviation , the measured speed of movement is other than zero and remains higher than a predetermined threshold speed; otherwise, the failure is diagnosed as being of temporary mechanical origin.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3149/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLEXIBLE COMPOSITE SYSTEMS

(51) International classification	:B32B27/12
(31) Priority Document No	:61/702702
(32) Priority Date	:18/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/060487
Filing Date	:18/09/2013
(87) International Publication No	:WO 2014/047227
(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)ADAMS, Christopher ,Michael
2)HATCHER ,Wesley ,Edward
3)MCDANIELS, Keith ,Joel

(57) Abstract :

A system for providing improved flexible- composite materials, equipment , and manufacturing processes including improved flexible composite materials is disclosed. In various embodiments , a method of manufacturing a flexible laminate composite can comprise performing surface- energy modification on a low- surface- energy fabric , and coating the low - surface- energy fabric with an adhesive. The method can further include at least partially curing the adhesive to the low- surface- energy fabric. The at least partially curing may use at least one of heated rolls, ovens , vacuum ovens, using light, infrared ,autoclaving , or ultraviolet curing. Moreover , the method can produce a flexible laminate composite that is fully or substantially impregnated with adhesive material. A flexible laminate composite can comprise a low -surface - energy fabric subjected to a surface- energy modification ,and an adhesive material impregnated within the low- surface -energy fabric. The low -surface -energy fabric can be a polyethylene material , which may or may not be a woven fabric.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.136/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : AMORPHOUS ALUMINO SILICATES DERIVED FROM FLY ASH AS FUNCTIONAL PIGMENT FOR COOL COATINGS

(51) International classification	:C09D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANGEETA TIWARI
(87) International Publication No	: NA	2)RICHA SHARMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel amorphous alumino silicate pigment prepared by chemical modification of fly ash using alkali treatment. The pigment obtained infrared) is white in color, reflectivity for use amorphous in nature and possesses hi-ah NIR (near as a low cost, functional pigment for cool coatings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3056/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification :F02D15/04,F02B75/04,F16D41/08
(31) Priority Document No :2013005669
(32) Priority Date :16/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2014/000037
Filing Date :16/01/2014
(87) International Publication No :WO 2014/111796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SAKAI ,Kazuhito

(57) Abstract :

A variable compression ratio mechanism of an internal combustion engine includes an operation element, an input actuator , and a reverse input torque cutoff clutch (62). The reverse input torque cutoff clutch (62) includes a fixed member (72) , a movable member (73), clearance (74), a wedge member (75), and a moving device. A peripheral surface of the fixed member (72) is formed such that the clearance (74) is formed with: a rotation prevention area PA that prevents the movable member (73) from rotating in a reverse input torque acting direction R. When the movable member moves in the direction R to change a mechanical compression ratio, the moving device moves the wedge member (75) from the rotation prevention area PA to the rotation allowable area AA in an opposite direction and holds the wedge member (75) in the rotation allowable area AA.

No. of Pages : 78 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3057/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING LIGNIN DURING HYDROTHERMAL DIGESTION OF CELLULOSIC BIOMASS SOLIDS

(51) International classification :C10G1/06,C08H7/00,C08H8/00
(31) Priority Document No :61/720747
(32) Priority Date :31/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2013/066653
Filing Date :24/10/2013
(87) International Publication No :WO 2014/070585
(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)POWELL ,Joseph Broun
2)JOHNSON ,Kimberly Ann
3)KOMPLIN, Glenn Charles
4)DENTON ,Edward James**

(57) Abstract :

Digestion of cellulosic biomass solids may be complicated by release of lignin therefrom. Methods for digesting cellulosic biomass solids may comprise: providing cellulosic biomass solids in a digestion solvent; at least partially converting the cellulosic biomass solids into a phenolics liquid phase comprising lignin , an aqueous phase comprising an alcoholic component derived from the cellulosic biomass solids , and an optional light organics phase; and separating the phenolics liquid phase from the aqueous phase.

No. of Pages : 60 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3156/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENCAPSULATION BARRIER STACK

(51) International classification :B32B5/16,B32B27/04,B32B19/02

(31) Priority Document No :61/715420

(32) Priority Date :18/10/2012

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

(86) International Application No :PCT/SG2013/000448

Filing Date :18/10/2013

(87) International Publication No :WO 2014/062135

(61) Patent of Addition 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)RAMADAS, Senthil Kumar

2)SHANMUGAVEL, Saravan

(57) Abstract :

Disclosed is an encapsulation barrier stack, capable of encapsulating a moisture and/or oxygen sensitive article and comprising a film layer with at least one layer, wherein the film layer comprises:- one or more nanoparticle sealing layer(s) arranged to be in contact with surface of the at least one substrate , wherein the substrate is not a barrier layer , wherein the one or more nanoparticle sealing layer(s) comprise(s) a plurality of encapsulated nanoparticles , the nanoparticles being reactive in that they are capable of interacting with moisture and/or oxygen to retard the permeation of moisture and/or oxygen.

No. of Pages : 77 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3157/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR PROVIDING A LIQUID ADDITIVE

(51) International classification	:F01N3/20
(31) Priority Document No	:10 2012 109 675.9
(32) Priority Date	:11/10/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/071133
Filing Date	:10/10/2013
(87) International Publication No	:WO 2014/057021
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MAGUIN ,Georges
2)MERTES ,Philippe
3)DIOUF, Cheikh
4)FREDERIKSEN ,Finn
5)SCHEPERS, Sven
6)HODGSON Jan

(57) Abstract :

A device (1) for providing a liquid additive having an assembly main body (2) on which is mounted at least one hydraulic component (4) for the operation of the device (1) , and having a plug in plate (3) which is fastened to the assembly main body (2) and on which are mounted at least one electric heater (5) and at least one further electrical component (6) for the operation of the device (1), wherein the electric heater (5) extends from the plug -in plate (3) into a cutout (7) of the assembly main body (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1521/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :25/06/2008

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROTEIN BASED PRODUCT FROM FENUGREEK SEEDS THAT REGULATES DYSLIPIDEMIA AND OBESITY, AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61K36/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLGOY
(32) Priority Date	:NA	Address of Applicant :(DBT),BLOCK-2,7TH FLOOR, CGO
(33) Name of priority country	:NA	COMPLEX LODHI ROAD, NEW DELHI-110003,INDIA. Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MANOJ KUMAR BHAT
(61) Patent of Addition to Application Number	:NA	2)VIMAL PANDY
Filing Date	:NA	3)MALEPILLI VAVACHAN VIJAYAKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Protein based product from Fenugreek Seeds that regulates dyslipidemia and obesity, and a process for the preparation thereof. This invention relates to a Protein based product from Fenugreek Seeds (TEFS), for example 0.1 to 15 mg/ml, preferably 0.5 to 1.5 mg/ml protein, comprising: Grinding of dried Fenugreek Seeds that may or may not be germinated; suspending ground fine powder of the Fenugreek Seeds in PBS, pH 7.4 containing 0.1 mM PMSF and protease inhibitor cocktail under chilled conditions; filtering the extract through three layered cheese cloth, centrifuging; treating clear supernatant with 25 to 75 gms/ litre activated charcoal powder; extracting or precipitating protein with 20 to 80% ammonium sulphate for 1-12 hours or by any other protein precipitating agent; removing the precipitate by centrifugation, re-dissolving in PBS and dialyzing against PBS at 4 to 21°C with atleast three buffer changes; heat treating the dialyzed protein rich extract at 50 to 95°C for 15 to 60 min, preferably at 75-90°C for 30 min; removing the precipitated protein by centrifugation and retrieving supernatant as final product; the said final product has a protein concentration of 0.1-15 mg/ml, preferably 1-1.5 mg/ml; the said product, a novel protein based product from Fenugreek Seeds is useful in the management of dyslipidemia and obesity;

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3066/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : FIBER -REINFORCED COMPOSITE

(51) International classification :C08L23/12,B29C45/00,D01F6/06

(31) Priority Document No :12189989.2

(32) Priority Date :25/10/2012

(33) Name of priority country :EPO

(86) International Application
No :PCT/EP2013/071873

Filing Date :18/10/2013

(87) International Publication
No :WO 2014/064013

(61) Patent of Addition 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)HEMMETER, Markus

2)KRALICEK ,Markus

(57) Abstract :

The present invention relates to a fiber- reinforced composite (FR- C,) an automotive article comprising the fiber -reinforced composite (FR C) as well as the use of the fiber- reinforced composite (FR C) for automotive articles and a process for the preparation of the fiber- reinforced composite (FR -C).

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3067/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : MOTOR VEHICLE DOOR LOCK

(51) International classification :E05B85/02,E05B77/34,E05B85/26
(31) Priority Document No :20 2012 103 608.8
(32) Priority Date :20/09/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000529
Filing Date :14/09/2013
(87) International Publication No :WO 2014/044241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)MITTELBACH ,Stephan

(57) Abstract :

The invention relates to a motor vehicle door lock , having at least one housing (1) made of plastics material and having a locking mechanism (3, 4) comprising substantially a rotary latch (3) and a pawl (4), wherein the pawl (4) is mounted inside the housing (1) and the rotary latch (3) is mounted on the outside of the housing (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3068/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DAMPING AN ACTUATOR ON A FLUID REGULATOR

(51) International classification :F16K17/10

(31) Priority Document No :13/618275

(32) Priority Date :14/09/2012

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

(86) International Application No :PCT/US2013/059354

Filing Date :12/09/2013

(87) International Publication No :WO 2014/043294

(61) 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.

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(72)Name of Inventor :

1)MEVIUS, Jason S.

(57) Abstract :

A damped actuator for a fluid regulator (10) includes a diaphragm (28) disposed in a housing and a damper (100) arranged to stabilize movement of the diaphragm (28) in response to changes in pressure inside the housing. The damper (100) includes a ball check valve (104) arranged to allow air to exhaust out of the housing when above a preselected pressure. The damper (100) may include interchangeable components so as to be modifiable to have different set point pressures to achieve different backpressures inside the housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3167/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SOLUTIONS AND METHODS OF MAKING SOLUTIONS TO KILL OR DEACTIVATE SPORES MICROORGANISMS BACTERIA AND FUNGUS

(51) International classification :A01N59/00,A01N37/16,A01P1/00
(31) Priority Document No :61/710263
(32) Priority Date :05/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063360
Filing Date :04/10/2013
(87) International Publication No :WO 2014/055812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GRAY Robert
2)PELFREY Keith A.
3)FRICKER Chris
4)BINGHAM James

(57) Abstract :

Exemplary embodiments of solutions of plasma activated water and peroxyacetic acid are disclosed herein. In addition exemplary embodiments of methods for making solutions are disclosed herein. Some methods include exposing water to a plasma gas to activate the water adding acetic acid to the activated water; and mixing the acetic acid and activated water to form a solution. Additional exemplary methods include adding acetic acid to water to form a solution mixing solution of acetic acid and water together; and exposing the solution to a plasma gas to activate the solution. Another exemplary embodiment includes exposing water to a plasma gas to activate the water; adding an acetyl group donor to the activated water; and mixing the acetyl group donor and activated water to form a solution.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3074/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ADHESIVES AND RELATED METHODS

(51) International classification :C09J4/06,C09J123/02,C09J133/00
(31) Priority Document No :61/711386
(32) Priority Date :09/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064187
Filing Date :10/10/2013
(87) International Publication No :WO 2014/059055
(61) Patent of Addition 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)WATERMAN, Michael, T.;
3)HEIMBACH, Kyle, R.;
4)BARTHOLOMEW, Eric, L.;
5)MILLER,Brandon, S.;

(57) Abstract :

Cure in place pressure sensitive adhesive compositions are described that comprise one or more of a bodying component a structural diluent, a radical diluent as well as additives such as crosslinkers, external catalysts , photoinitiators and stabilizers/ process aids. The bodying component can be acrylic or non -acrylic.

No. of Pages : 63 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3075/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMBINATION THERAPY WITH VOLASERTIB

(51) International classification :A61K38/19,A61K31/519,A61K31/704
(31) Priority Document No :12195162.8
(32) Priority Date :30/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074862
Filing Date :27/11/2013
(87) International Publication No :WO 2014/083058
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Am Rhein Germany
(72)Name of Inventor :
1)TAUBE, Tillmann;

(57) Abstract :

The present invention relates to the use of Volasertib or a salt or a hydrate thereof for treating patients suffering from acute myeloid leukemia(AML) comprising administering a high dose of Volasertib in combination with fludarabine, cytarabine and Granulocyte colony- stimulating factor(GCSF) or in combination with fludarabine cytarabine , GCSF and a daunorubicin citrate liposome injection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3076/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ASSAY FOR ANALYSES OF RABIES VIRUS GLYCOPROTEIN

(51) International classification :G01N33/53,G01N33/563,C12Q1/70
(31) Priority Document No :61/713130
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064911
Filing Date :15/10/2013
(87) International Publication No :WO 2014/059434
(61) Patent of Addition 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)SMITH, Todd, Gareth
3)RUPPRECHT,Charles
(72)Name of Inventor :
1)SMITH, Todd, Gareth
2)RUPPRECHT, Charles

(57) Abstract :

Provided are processes of determining the immunogenicity of a rabies virus vaccine preparation that for the first time correlates well with in vivo results. The methods capitalize on an ECL assay for RABV G protein that is sensitive , reproducible, and can be used to quickly assess characteristics of new vaccine preparations.

No. of Pages : 29 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3077/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : A KIT FOR PERFORMING A CELL PROLIFERATION DISORDER TREATMENT •

(51) International classification :A61K31/35

(31) Priority Document No :60/910,663

(32) Priority Date :08/04/2007

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

(86) International Application No :PCT/US2008/059561

Filing Date :07/04/2008

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

:NA

(62) Divisional to Application Number :7137/DELNP/2009

Filed on :05/11/2009

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Address of Applicant :1901 St, Antoine St. Detroit, MI 48226,
United States of America U.S.A.

(72)Name of Inventor :

1)FREDERIC A. BOURKE

(57) Abstract :

A kit for performing a cell proliferation disorder treatment, comprising: at least one activatable pharmaceutical agent capable of causing a predetermined cellular change; at least one energy modulation agent capable of activating the at least one activatable pharmaceutical agent when energized; and containers suitable for storing the agents in stable form.

No. of Pages : 55 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3162/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ROUTE CONTROL METHOD , WIRELESS COMMUNICATION SYSTEM, ROUTE CONTROL DEVICE, AND NON- TRANSIENT COMPUTER- READABLE MEDIUM

(51) International classification :H04W72/04,H04W28/18
(31) Priority Document No :2012233493
(32) Priority Date :23/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/004276
Filing Date :10/07/2013
(87) International Publication No :WO 2014/064869
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 -1 ,Shiba 5 -chome ,Minato- ku
,Tokyo 108-8001 Japan
(72)**Name of Inventor :**
1)NISHIOKA Jun

(57) Abstract :

Provided are: a route control method that enables traffic to be efficiently accommodated while maintaining communication quality; a wireless communication system; a route control device; and a non- transient computer- readable medium. The route control method involves controlling communication routes in a network consisting of wireless links provided with an adaptive modulation function by selecting one route from a plurality of candidate routes for specific traffic. A comparison is made between the bandwidth required for the traffic , and allocatable bandwidth that can be allocated for a first candidate route that is included in the plurality of candidate routes and satisfies the stability level required for the traffic by a first modulation scheme. From the results of the comparison , if the bandwidth required for the traffic is greater than the allocatable bandwidth, a penalty cost due to transmitting the traffic using a bandwidth that can be used by a second modulation scheme having a low stability level in the first candidate route is applied , making it more difficult to be selected than the other candidate routes , and one route is selected from the plurality of candidate routes.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3163/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONTROL APPARATUS , COMMUNICATION SYSTEM , COMMUNICATION CONTROL METHOD, AND NON-TEMPORARY COMPUTER- READABLE MEDIUM ON WHICH PROGRAM HAS BEEN STORED

(51) International classification :H04L12/851,H04L12/877,H04W72/04
(31) Priority Document No :2012238584
(32) Priority Date :30/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/004223
Filing Date :09/07/2013
(87) International Publication No :WO 2014/068812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 -1, Shiba 5 -chome ,Minato- ku, Tokyo 108-8001 Japan
(72)**Name of Inventor :**
1)NISHIOKA ,Jun

(57) Abstract :

A throughput calculation unit (201) receives the information of a transmission rate change and calculates a predicted end -to- end throughput of each of a plurality of pieces of traffic on the basis of said information and a traffic table (204) that includes the priority and band index of each piece of traffic. An adjustment unit (202) calculates a missing band of each piece of traffic and/or an unused band of a radio link connecting communication devices to each other in a case where a band setting is performed on the basis of the predicted throughput. The adjustment unit (202) determines a band distribution for each piece of traffic on the basis of the missing band and/or unused band as well as on the basis of the traffic table (204). A band setting transmission unit (203) transmits , to the communication apparatuses, the band distribution determined by the adjustment unit (202).

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3071/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ADHESIVES AND RELATED METHODS

(51) International classification :C09J4/06,C09J123/02,C09J133/00
(31) Priority Document No :61/711386
(32) Priority Date :09/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064188
Filing Date :10/10/2013
(87) International Publication No :WO 2014/059056
(61) Patent of Addition 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)WATERMAN ,Michael ,T.
3)HEIMBACH ,Kyle ,R.
4)BARTHOLOMEW ,Eric ,L.
5)MILLER ,Brandon ,S.

(57) Abstract :

Cure in place pressure sensitive adhesive compositions are described that comprise one or more of a bodying component, a structural diluent, a radical diluent as well as additives such as crosslinkers ,external catalysts ,photoinitiators and stabilizers/ process aids. The bodying component can be acrylic or non -acrylic.

No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3073/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : NONUNIFORMLY PERFORATED PLASTIC BAG

(51) International classification :B65D33/01,B65D77/06,B65D81/20
(31) Priority Document No :61/718320
(32) Priority Date :25/10/2012
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2013/065614
Filing Date :18/10/2013
(87) International Publication No :WO 2014/066154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BALASUBRAMANIAN, Aishwaraya
2)MIR, Nazir
3)MCGEE, Robert L.
4)MENNING, Bruce A.

(57) Abstract :

Provided is a perforated plastic bag wherein the volume of said bag is 100 liters or more; wherein the average perforation diameter is 500 micrometers or less; wherein said plastic bag comprises a lower zone and a top zone , wherein the perforation density of said lower zone is greater than the perforation density of said top zone. Also provided is a method of using such a plastic bag.

No. of Pages : 26 No. of Claims : 8

(54) Title of the invention : AN IMPROVED RICE HAVING INCREASED LYSINE CONTENTS, AND METHOD OF PRODUCING THE SAME

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:3258/DEL/2013	1)PAREEK, Ashwani
(32) Priority Date	:02/11/2013	Address of Applicant :C/o School of Life Sciences, Stress
(33) Name of priority country	:India	Physiology and Molecular Biology Laboratory, Jawaharlal Nehru
(86) International Application No	:NA	University [JNU], NEW DELHI 110067, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PAREEK, Ashwani
(61) Patent of Addition to Application Number	:3258/DEL/2013	2)SINGLA-PAREEK, Sneh Lata
Filed on	:01/01/1900	3)MISHRA, Manjari
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an endosperm specific lysine double construct (LDC) for increasing lysine contents in rice comprising cloning of: (i) cdapA overexpression cassettes (cdapA gene); and (ii) endosperm specific LKR/SDH RNAi cassettes (LKR/SDH RNAi construct), wherein the cloning is carried out under control of endosperm specific promoter GlutelinD1 in a same plant expression vector pCAMBIA1300, and wherein the cdapA over-expression cassettes or the cdapA gene is a corynebacterium dapA gene, and wherein the corynebacterium dapA gene is a dihydrodipicolinate synthase (DHDPS) gene from Corynebacterium glutamicum. The present invention also relates to an endosperm specific lysine double construct (LDC) pCAMBIA1300GltD1pcdapAGltD1pLKR/SDHRNAi construct; and an endosperm specific promoter GlutelinD1 comprising sequence listing of SEQ. ID 2. The present invention also relates to methods for: preparation of an endosperm specific lysine double construct (LDC) pCAMBIA1300GltD1pcdapAGltD1pLKR/SDHRNAi construct; increasing lysine contents in rice by employing the endosperm specific lysine double construct (LDC) of the present invention; transformation of lysine double construct (LDC) into Oryza sativa L. cv IR64 for increasing lysine contents in the rice by employing the endosperm specific lysine double construct (LDC) of the present invention; a method for developing rice plants or rice lines, wherein the rice has been unexpectedly found to have increased lysine contents. In one embodiment, the present invention also relates to rice having increased lysine contents; and rice having improved nutritional quality, i.e. economical value due to increased lysine contents. Figure 3

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3172/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : EXCITONIC ENERGY TRANSFER TO INCREASE INORGANIC SOLAR CELL EFFICIENCY

(51) International classification :H01L31/0232,H01L31/055,H01L51/00
(31) Priority Document No :61/706048
(32) Priority Date :26/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061828
Filing Date :26/09/2013
(87) International Publication No :WO 2014/052530
(61) Patent of Addition 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)THOMPSON Mark E.

(57) Abstract :

The present disclosure relates to a photosensitive optoelectronic device comprising two electrodes, an inorganic subcell positioned between the two electrodes, wherein the inorganic subcell comprises at least one inorganic semiconductor material having a band gap energy (E_g), and an organic sensitizing window layer disposed on the inorganic subcell. In one aspect, the organic sensitizing window layer comprises a singlet fission material. In another aspect, the organic sensitizing window layer comprises a singlet fission host and a phosphorescent emitter dopant, where the singlet fission host exhibits an excitation triplet energy (ET-SF) greater than or equal to an excitation triplet energy (E_{0,0}) exhibited by the phosphorescent emitter dopant.

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11197/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ACTIVATED CARBON FOR NOBLE METAL ADSORPTION NOBLE METAL ADSORPTION FILTER AND METHOD FOR RECOVERING NOBLE METALS

(51) International classification :C22B11/00,B01J20/10,B01J20/28

(31) Priority Document No :2012141349

(32) Priority Date :22/06/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/067033
Filing Date :21/06/2013

(87) International Publication No :WO 2013/191269

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HANAMOTO Tetsuya

2)YAMADA Takayuki

3)SABAE Yoshichika

(57) Abstract :

An activated carbon for adsorbing a noble metal from an aqueous solution containing a noble metal wherein the difference (absolute value) between the zeta potential in a 10 mmol/L aqueous solution of sodium tetraborate and the zeta potential in a 0.01 mmol/L aqueous solution of sodium tetraborate is adjusted to 18 mV or less and the pore volume at a pore radius of 1 nm or less is adjusted to 150 to 500 mm/g. This activated carbon may have a sugar solution decolorization performance of 30% or higher. The aqueous solution containing a noble metal may be a plating waste liquid. The present invention allows noble metal to be adsorbed (or recovered) with good efficiency from a noble metal containing liquid.

No. of Pages : 58 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3078/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR DISTRIBUTING MEDIA CONTENT SERVICES

(51) International classification	:H04L29/06
(31) Priority Document No	:PCT/EP2012/070960
(32) Priority Date	:23/10/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/052978
Filing Date	:14/02/2013
(87) International Publication No	:WO 2014/063833
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HUBER, Michael;
2)LUNDQVIST, Thomas;

(57) Abstract :

A method of distributing a plurality of media content services (S1 -S5) across a distribution network comprising dividing each of the plurality of media content services (S1- S5) into segments and transmitting the segments of each of the plurality of media content services as a sequence of bursts (305) , wherein there is a window period (303) between successive bursts (305) during which media content is not transmitted. Each of the media content services (S1- S5) has a respective bit rate and the transmitting comprises transmitting each of the segments at a higher bit rate to create the window periods (303) between successive bursts (305). Starts of bursts (305) of the plurality of media content services (S1- S5) are staggered in time with respect to one another. At least one of the media content services (S1- S5) can comprise a plurality of media content service representations of different bit rate. The media content services and media content service representations can be transmitted as multicasts.

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3079/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : STANDING WAVE RATIO METER FOR INTEGRATED ANTENNA TUNER

(51) International classification :H04B17/00,G01R27/06,H03H7/38
(31) Priority Document No :13/664014
(32) Priority Date :30/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/072619
Filing Date :29/10/2013
(87) International Publication No :WO 2014/067952
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)PELTONEN, Janne Olavi;

(57) Abstract :

The invention provides circuitry integrated into a silicon chip that measures aspects of an RF signal on a transmission line in order to provide data that is ultimately used by an antenna tuner circuit to substantially match the impedance of the antenna with that of the transmission line providing the RF frequency to be transmitted.

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3169/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : EXTRACT AND FORMULATION INCLUDING EXTRACT

(51) International classification :A61K35/36,A61K31/7012,A61P17/00
(31) Priority Document No :2012225133
(32) Priority Date :10/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/077534
Filing Date :09/10/2013
(87) International Publication No :WO 2014/057995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)NAKAZAWA Yoshitaka
2)SHIBAYAMA Yoji
3)NAKAMURA Ko

(57) Abstract :

The objective of the present invention is to provide an extract from inflamed rabbit skin inoculated with vaccinia virus and formulations etc. including the extract which have greater uniformity in quality. By using the amount of N acetyl neuraminic acid contained in the extract from inflamed rabbit skin inoculated with vaccinia virus and the formulations including the extract as an index greater uniformity of the extract and the formulations can be ensured for each production lot. The extract from inflamed rabbit skin inoculated with vaccinia virus and the formulations including the extract which are produced in this manner so as to have greater uniformity are extremely useful with effectiveness and safety more rigorously secured.

No. of Pages : 68 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3170/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : REPOLYMERIZATION DEVICE

(51) International classification :C08G69/16,C08G69/46,B01J19/16
(31) Priority Document No :12189600.5
(32) Priority Date :23/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071848
Filing Date :18/10/2013
(87) International Publication No :WO 2014/064006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UHDE INVENTA FISCHER GMBH
Address of Applicant :Holzhauser Str. 157 159 13509 Berlin Germany
(72)Name of Inventor :
1)JANZI Viktor

(57) Abstract :

The invention relates to a repolymerization device for reprocessing oligomer containing extraction waters that originate from the extraction stages in processes for continuously producing textile polyamide 6 from e caprolactam. By means of the repolymerization device according to the invention the extraction water from a continuous evaporation stage is treated in specific manner over several stages. The extraction water is concentrated by evaporating surplus water the ring opening and polyaddition reactions are started and the oligomers are broken down.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3001/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPOSITIONS AND METHOD OF CONTROLLING FUNGUS

(51) International classification :A01G1/04,A01G1/00,C12N1/14
(31) Priority Document No :61/700619
(32) Priority Date :13/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059681
Filing Date :13/09/2013
(87) International Publication No:WO 2014/043485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FBSCIENCES HOLDINGS INC.
Address of Applicant :153 N. Main Street, Suite 100,
Collierville ,Tennessee 38017 U.S.A.
(72)**Name of Inventor :**
1)HANSON, Terry J.
2)DAY ,Kenneth Scott
3)BRADLEY, John

(57) Abstract :

Compositions and methods of phytopathogenic fungus control are provided , the compositions and methods include a first component of dissolved organic matter (DOM) concentrate having natural organic matter of defined composition ,suitable for soil, foliar , and seed coating.

No. of Pages : 46 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3003/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLEXIBLE ANCHOR DELIVERY SYSTEM

(51) International classification :A61B17/17,A61B17/04
(31) Priority Document No :13/654855
(32) Priority Date :18/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065064
Filing Date :15/10/2013
(87) International Publication No :WO 2014/062684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SMITH & NEPHEW, INC.

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(72)Name of Inventor :

1)KARASIC ,Geoffrey I.

2)MCKENZIE, Brett A.

3)ASTORINO, Steven William

4)LUNN ,Richard M.

5)KOSKI ,Matthew Edwin

6)ARAI ,Tatsuya

7)HOUSMAN, Mark Edwin

8)GATTURNA, Roland F.

(57) Abstract :

An assembly includes a flexible fixation, member a suture , and a delivery device. The fixation member includes a body with two terminal ends. A suture passes through the flexible fixation member at various points along a length of the body such that portions of the fixation member are slidable relative to the suture and configurable to form a cluster within a surgical site. The delivery device includes a tubular member , an elongated inserter , and a trigger. The elongated inserter is slidably disposed within the tubular member. The inserter has a forked distal end configured to receive a portion of the flexible fixation member and the suture. The trigger is finger -engagable and fixedly coupled to the proximal end of the inserter. It is configured to advance and retract the inserter relative to the tubular member. The trigger includes a retention member for retaining a proximal end portion of the suture.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3097/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODULAR AIR GUIDE MADE PARTIALLY FROM A HONEYCOMB MATERIAL FOR A SYSTEM FOR COOLING A MOTOR VEHICLE ENGINE

(51) International classification	:B60K11/08
(31) Priority Document No	:1258835
(32) Priority Date	:20/09/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/052132
Filing Date	:17/09/2013
(87) International Publication No	:WO 2014/044962
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RENAULT S.A.S
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Boulogne- billancourt France
(72)**Name of Inventor :**
1)SOLTOIAN ,Serghei
2)DUCHET- ANNEZ ,Christophe

(57) Abstract :

This air guide (10), which is intended to be arranged in front of a cooling system provided in a vehicle engine compartment , and behind at least a ventilation grille of a front face of the vehicle , is in the form of a substantially rectangular frame structure (11) comprising, at the front of said frame structure , at least one diffuser (12 - 15) attached to said frame structure (11); the diffuser (12 - 15) is made from walls (12, 13 , 14 and 15) formed by cutting/bending a sheet of honeycomb material.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3098/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD OF CONTROLLING A HYDRAULIC PRESSURIZATION SYSTEM OF A TRANSMISSION

(51) International classification :F16H61/02,F16H61/06,F16H61/38
(31) Priority Document No :61/720673
(32) Priority Date :31/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055380
Filing Date :16/08/2013
(87) International Publication No :WO 2014/070284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ALLISON TRANSMISSION ,INC.
Address of Applicant :One Allison Way, Indianapolis, IN 46222 U.S.A.
(72)Name of Inventor :
1)LONG, Charles, F.
2)RUNDE ,Jeffrey, K.

(57) Abstract :

The present disclosure relates to a method of controlling a vehicle. The method includes receiving a signal indicative of the vehicle being in a stop condition or in the process of stopping. The method also includes activating an auxiliary hydraulic pressurization system in response to the signal and regulating a hydraulic pressure in a hydraulic control system of a transmission. A drive unit is disabled such that a main pump of the hydraulic control system discontinues providing hydraulic pressure to the hydraulic control system. The hydraulic pressure is maintained at a hold pressure in the hydraulic control system by the auxiliary hydraulic pressurization system.

No. of Pages : 44 No. of Claims : 27

(54) Title of the invention : USE OF A TETRASUBSTITUTED PYRAZOLO[4,3-D]PYRIMIDINE COMPOUND FOR TREATING DIABETIC NEPHROPATHY

(51) International classification	:A61K31/519,A61P13/12	(71)Name of Applicant :
(31) Priority Document No	:61/717429	1)PFIZER INC.
(32) Priority Date	:23/10/2012	Address of Applicant :235 East 42nd Street New York New York 10017 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2013/059239	1)CLERIN, Valerie;
Filing Date	:09/10/2013	2)GALE, Jeremy;
(87) International Publication No	:WO 2014/064566	3)TAMIMI, Nihad;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to methods of delaying progression to end stage renal disease (ESRD) in patients comprising administration of 1- (2- ethoxyethyl)- 5- (ethyl(methyl)amino) -7- ((4- methylpyridin -2 -yl)amino)- N -(methylsulfonyl) -1H- pyrazolo[4, 3 -d]pyrimidine- 3 carboxamide. The present invention also includes administration of pharmaceutical compositions for delaying progression to ESRD. 1 -(2 -ethoxyethyl)- 5- (ethyl(methyl)amino)- 7 -((4- methylpyridin -2 -yl)amino)- N - (methylsulfonyl)- 1H- pyrazolo[4, 3- d]pyrimidine- 3 -carboxamide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3092/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SLAVE CYLINDER

(51) International classification	:F16D25/08
(31) Priority Document No	:10 2012 221 306.6
(32) Priority Date	:22/11/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2013/200250
Filing Date	:28/10/2013
(87) International Publication No	:WO 2014/079428
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
Address of Applicant :Industriestrae 1- 3, 91074
Herzogenaurach Germany
(72)**Name of Inventor :**
1)WAGNER, Philippe;

(57) Abstract :

The invention relates to a slave cylinder having a housing (1) which is arranged concentrically around a transmission input shaft and consists of a plastics main material, and having an annular piston (3) which is axially movable therein , is able to be subjected to a pressure of a pressure medium and is operatively connected to a release bearing (7) , wherein a stop is provided on the housing (1), said stop limiting a stroke of the piston (3) in the direction of the release bearing (7), and the stop (a) consists according to the invention at least partially of a metal sleeve and/or of a second plastics material different from the plastics material of the main body of the housing (1) or interacts therewith.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3093/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONTROL OF CARBON DIOXIDE LEVELS AND PH IN SMALL VOLUME REACTORS

(51) International classification :C12M1/00,C12M1/34,B01L3/00
(31) Priority Document No :61/719027
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066832
Filing Date :25/10/2013
(87) International Publication No :WO 2014/066774
(61) Patent of Addition 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)SANOFI
(72)Name of Inventor :
1)GOH, Shireen;
2)RAM, Rajeev,Jagga;
3)BLUM, Horst;
4)CANZONERI, Michelangelo;

(57) Abstract :

Strategies to control the level of dissolved carbon dioxide (CO) concentrations and/or pH in small volume reactor chambers, and associated articles, systems ,and methods , are generally provided. In certain embodiments, the reactor chambers can be configured to contain at least one biological cell.

No. of Pages : 53 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3187/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PUSHER ASSEMBLY AND A GUIDE RAIL FOR A UNIT PRODUCTION SYSTEM

(51) International classification :B65G47/61,B65G17/18,B65G21/22
(31) Priority Document No :2012070082
(32) Priority Date :19/09/2012
(33) Name of priority country:Singapore
(86) International Application No :PCT/SG2013/000406
Filing Date :18/09/2013
(87) International Publication No :WO 2014/046616
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SINGAPORE MACHINERY CO PTE. LTD.
Address of Applicant :362 Upper Paya Lebar Road, #05 -01
Da Jin Factory Building, Singapore 534963 Singapore
(72)Name of Inventor :
1)FUNG, David

(57) Abstract :

A pusher assembly (240) and a guide rail (220) for a unit production system. The pusher assembly (240) comprises a roller assembly (242) for engaging and moving along a guide rail; a frame having a pushing bar (246), arranged to operate in a horizontal position , and a support (244) to which the roller assembly is coupled; wherein the pushing bar (246) and the roller assembly (242) project from a first side of the support (244). The guide rail (220) comprise a base portion (222) for mounting the guide rail to a fixed structure; a side wall (224) projecting from a first side of the base portion; and a rail bearing portion (226) at the distal end of the side wall; wherein the distal end of the side wall extends inwardly toward a second side of the base portion.

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3188/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANIMAL FEED SUPPLEMENT COMPRISING RACTOPAMINE AND CAFFEINE

(51) International classification	:A23K1/18,A23K1/16	(71)Name of Applicant :
(31) Priority Document No	:2012904385	1)RIVALEA (AUSTRALIA) PTY LTD
(32) Priority Date	:08/10/2012	Address of Applicant :St Bernards, Redlands Road, Corowa,
(33) Name of priority country	:Australia	NSW 2646 Australia
(86) International Application No	:PCT/AU2013/001161	(72)Name of Inventor :
Filing Date	:08/10/2013	1)LUXFORD ,Brian Gerard
(87) International Publication No	:WO 2014/056029	2)COLLINS, Cherie Louise
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An animal feed supplement comprising a synergistic combination of ractopamine and caffeine and a method of increasing feed efficiency of a pig using the animal feed supplement is described.

No. of Pages : 38 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3189/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR RESPONSE CALIBRATION

(51) International classification :G06Q50/00,G06F3/0484,A61B5/00
(31) Priority Document No :61/705552
(32) Priority Date :25/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061485
Filing Date :24/09/2013
(87) International Publication No :WO 2014/052337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THERANOS, INC.
Address of Applicant :1601 S. California Ave, Palo Alto ,CA
94304 U.S.A.
(72)Name of Inventor :
1)HOLMES ,Elizabeth A.

(57) Abstract :

The disclosure provides methods , systems , and computer readable media for calibrating user responses to questions. The method may comprise presenting, with the aid of a computer system and an interactive display operatively coupled to the computer system a query to a user. The query may relate to the users dietary consumption ,exercise , health condition or mental condition. The system may receive from the user a response to the query. The system may interpret a users response to a query based on a set of reference information. The set of reference information may comprise a pictorial depiction of portion size of the dietary consumption , exertion level of the exercise, existing state of the health condition or existing state of the mental condition.

No. of Pages : 70 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2372/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/08/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A NOVEL SYNERGISTIC FORMULATION FOR INHIBITION OF TUMOR GROWTH AND METHOD OF PREPARATION THEREOF

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEEPSHIKHA PANDE KATARE
(87) International Publication No	: NA	2)KUMUD BALA
(61) Patent of Addition to Application Number	:NA	3)NEERUPAMA DHIMAN
Filing Date	:NA	4)SAVITA MISHRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel synergistic formulation for tumor growth inhibition. More particularly it relates to a novel synergistic formulation comprising therapeutic effective amount of sorafenib hydroxyethylate with vitamin K2 and Trans chalone for tumor growth inhibition in hepatocellular carcinoma. The present method for the preparation of novel synergistic formulation is simple, cost effective and user-friendly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3008/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : THERMOMECHANICAL PROCESSING OF HIGH STRENGTH NON- MAGNETIC CORROSION RESISTANT MATERIAL

(51) International classification :C21D6/00,B21J1/02,B21J1/04
(31) Priority Document No :13/792285
(32) Priority Date :11/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016665
Filing Date :17/02/2014
(87) International Publication No :WO 2014/163798
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ATI PROPERTIES, INC.
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(72)Name of Inventor :
1)FORBES JONES ,Robin M.
2)SMITH ,Jr. George J.
3)FLODER ,Jason P.
4)THOMAS, Jean- Philippe A.
5)MINISANDRAM ,Ramesh S.

(57) Abstract :

A method of processing a non- magnetic alloy workpiece comprises heating the workpiece to a warm working temperature , open die press forging the workpiece to impart a desired strain in a central region of the workpiece , and radial forging ,the workpiece to impart a desired strain in a surface region of the workpiece. In a non- limiting embodiment , after the steps of open die press forging and radial forging the strain imparted in the surface region is substantially equivalent to the strain imparted in the central region. In another non limiting embodiment the strain imparted in the central and surface regions are in a range from 0.3 inch/inch to 1 inch/inch, and there exists no more than a 0.5 inch/inch difference in strain of the central region compared with the strain of the surface region of the workpiece. An alloy forging processed according to methods described herein also is disclosed.

No. of Pages : 47 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3009/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PREPARING ALKOXYCARBONYL ISOTHIOCYANATE

(51) International classification :C07C331/00

(31) Priority Document No :61/711868

(32) Priority Date :10/10/2012

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

(86) International Application No :PCT/US2013/064090

Filing Date :09/10/2013

(87) International Publication No :WO 2014/058996

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DOW AGROSCIENCES LLC

Address of Applicant :9330 Zionsville Road, Indianapolis
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(72)Name of Inventor :

1)FISK ,Jason S.

2)BLAND ,Douglas, C.

3)FRYCEK, George ,J.

(57) Abstract :

Provided herein are processes for the preparation of alkoxy carbonyl isothiocyanates from alkyl chloroformates and thiocyanates in toluene by controlling the amounts of water and catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3193/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR CONVEYING FUEL

(51) International classification :F02M37/00,B01D35/027,F02M37/10

(31) Priority Document No :10 2012 219 399.5

(32) Priority Date :24/10/2012

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2013/068782

Filing Date :11/09/2013

(87) International Publication No :WO 2014/063860

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20, 70442 Stuttgart
Germany

(72)Name of Inventor :

1)ARROYO VALLES, Carmen

2)BALAZ, Jan

3)PTACEK, Martin

4)GARCIA BENITEZ ,Cesar

5)ARIAS ARIAS ,Jose Luis

(57) Abstract :

The invention relates to a coupling element (19), to which the fuel lines (10 , 12) are hydraulically connected and which releasably connects the fuel lines (10, 12) in a non -exchangeable manner to the filter connections (4 ,5) of the filter housing (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3194/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HEAVY ROAD VEHICLE WITH NORMAL STEERING AND CRAB STEERING

(51) International classification	:B62D7/15
(31) Priority Document No	:10 2012 218 045.1
(32) Priority Date	:02/10/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/070435
Filing Date	:01/10/2013
(87) International Publication No	:WO 2014/053478
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GOLDHOFER AG
Address of Applicant :Donaustr. 95, Memmingen, 87700
Germany
(72)**Name of Inventor :**
1)MERKEL, Felix
2)SCHOLL, Benjamin

(57) Abstract :

The invention relates to a heavy road vehicle the steering system (12) of which comprises in addition to a normal steering mode steering device (26) that transfers steering force purely mechanically via connecting rods (34) from axle to axle, a crab steering mode steering device (28) that also transfers steering force purely mechanically via connecting rods (46) from axle to axle. The individual wheel assemblies (14, 16 , 18 , 20 ,22 , 24) can be connected optionally to the normal steering mode steering device (26) or the crab steering mode steering device (28) via coupling devices (56).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3195/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NUCLEATED POLYPROPYLENE COMPOSITION FOR CONTAINERS

(51) International classification :C08L23/14,B29C45/00,B65D1/26

(31) Priority Document No :12007059.4

(32) Priority Date :11/10/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/002311

Filing Date :02/08/2013

(87) International Publication No :WO 2014/056559

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ABU DHABI POLYMERS CO. LTD (BOROUGE) L.L.C

Address of Applicant :Sheikh Khalifa Energy Complex,
Corniche Road ,P.O. Box 6925, Abu Dhabi U.A.E.

2)BOREALIS AG

(72)Name of Inventor :

1)JOHNSEN ,Geir, Kristian

2)LAMPELA ,Janne

3)ONG ,James

(57) Abstract :

The present invention provides a moulded container for food packaging comprising , preferably consisting of , a polypropylene composition the polypropylene composition comprising - a propylene homo or copolymer (A) having (i) a melt flow rate , determined according to ISO 1133 at 230 °C and under a load of 2.16 kg , of at least 25 g/10 min; and (ii) in case component (A) is a copolymer , a comonomer content of not more than 5.0 wt.%; and a nucleating agent (B) , as well as to the use of a polypropylene composition comprising - a propylene homo- or copolymer (A) having (i) a melt flow rate , determined according to ISO 1133 at 230°C and under a load of 2.16 kg , of at least 25 g/10 min; and (ii) in case component (A) is a copolymer, a comonomer content of not more than 5.0 wt.%; and a nucleating agent (B); for the manufacture of a moulded container.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3105/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SMALL ORGANIC MOLECULE BASED FLOW BATTERY

(51) International classification :H01M10/0564

(31) Priority Document No :61/705845

(32) Priority Date :26/09/2012

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

(86) International Application No :PCT/US2013/062057

Filing Date :26/09/2013

(87) International Publication No :WO 2014/052682

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HUSKINSON, Brian;

2)MARSHAK, Michael;

3)AZIZ, Michael, J.;

4)GORDON, Roy, G.;

(57) Abstract :

The invention provides an electrochemical cell based on a new chemistry for a flow battery for large scale, e.g. , gridscale , electrical energy storage. Electrical energy is stored chemically at an electrochemical electrode by the protonation of small organic molecules called quinones to hydroquinones. The proton is provided by a complementary electrochemical reaction at the other electrode. These reactions are reversed to deliver electrical energy. A flow battery based on this concept can operate as a closed system. The flow battery architecture has scaling advantages over solid electrode batteries for large scale energy storage.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3106/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DISENGAGEMENT SYSTEM

(51) International classification :F16D23/14
(31) Priority Document No :10 2012 221 307.4
(32) Priority Date :22/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/200251
Filing Date :28/10/2013
(87) International Publication No :WO 2014/079429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Herzogenaurach Germany
(72)Name of Inventor :
1)AHNERT, Gerd;
2)ACKER, Christophe;

(57) Abstract :

The invention relates to a disengagement system for actuating a clutch , particularly for a friction clutch to be provided between an engine and a gearbox , the system having an actuating bearing (1) for actuating the clutch actuation means such as a disc spring/disc spring tongues (6) of a clutch pressure plate (K) , wherein the actuating bearing has an outer bearing ring (2) , an inner bearing ring (3) , rolling elements (4) arranged therebetween and a housing. The disc spring tongues are therefore supported on both sides via the actuating bearing and the clutch can be automatically actuated by means of the actuating bearing in a first actuation force direction (B1) and in a second actuation force direction (B2) opposite the first actuation force direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3107/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING PREFORMS FOR PRODUCING A ROTOR BLADE

(51) International classification :B29B11/16,B29C70/38,B29L31/08
(31) Priority Document No :10 2012 219 267.0
(32) Priority Date :22/10/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/071405
Filing Date :14/10/2013
(87) International Publication No :WO 2014/063944
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)WOBEN PROPERTIES GMBH
Address of Applicant :Dreekamp 5, 26605 Aurich Germany
(72)Name of Inventor :
1)SCHREIBER, Joachim;
2)KANNENBERG, Johannes;

(57) Abstract :

The invention relates to a method for producing a rotor blade (201), according to which a preform is produced as a semi- finished textile product from a number of material sheets of textured laid scrim mats , preferably for use in a subsequent vacuum infusion. The method comprises the steps: provision of a mould (200) for the preform in a laying frame (100) , provision of a textured laid scrim mat in the form of a roll of the material sheet on a laying roll , automatic rolling out of the textured laid scrim mat and automatic application of an adhesive to the textured laid scrim mat in the mould in the laying frame.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3204/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS FOR PRODUCING RECOMBINANT PROTEINS

(51) International classification :C12N15/63,C12N9/12,C12N15/10
(31) Priority Document No :1217398.5
(32) Priority Date :28/09/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/070317
Filing Date :30/09/2013
(87) International Publication No :WO 2014/049168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UCB BIOPHARMA S.A.
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Brussels Belgium
(72)Name of Inventor :
1)CAIN, Katharine Lacy

(57) Abstract :

The present disclosure relates to a host cell transfected with a NHEJ protein or a functional fragment thereof or a polynucleotide encoding the same, wherein said polynucleotide sequence is under the control of a suitable promoter and the host cell is also transfected with an expression cassette comprising a polynucleotide sequence encoding at least one protein of interest , methods of preparing the host cells , plasmids and intermediates employed in the preparation of the same and use of the host cells to express to protein.

No. of Pages : 39 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3205/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PURIFYING 1, 4 -DIAMINOBTANE , 1 ,4- DIAMINOBTANE PURIFIED BY SAID METHOD, AND POLYAMIDE PREPARED THEREFROM

(51) International classification :C07C209/84,C07C211/09,C08G69/04
(31) Priority Document No :1020120117501
(32) Priority Date :22/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009399
Filing Date :22/10/2013
(87) International Publication No :WO 2014/065553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CJ CHEILJEDANG CORP.
Address of Applicant :(Ssangnim dong) 330 Dongho ro Jung gu Seoul 100 400 Republic of Korea
(72)Name of Inventor :
1)GWAK Won Sik
2)SEO Yong Bum
3)LEE Chong Ho
4)LEE In Sung
5)MURATA Hideki

(57) Abstract :

Provided are a method for purifying 1, 4 -diaminobutane , 1, 4- diaminobutane purified by the method , and a polyamide prepared using the 1, 4- diaminobutane, the method for purifying 1, 4- diaminobutane comprising the steps of: concentrating a fermentation solution containing at least one of 1, 4- diaminobutane and a salt thereof; preparing a basic composition having a pH of 12 or higher by adding a base to the concentrated product of the fermentation solution; and collecting 1, 4- diaminobutane from the basic composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3108/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DYNAMIC TRANSMISSION ANTENNA RECONFIGURATION IN WIRELES NETWORKS

(51) International classification :H04B7/06,H04L5/00,H04W72/04
(31) Priority Document No :61/744891
(32) Priority Date :03/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/003039
Filing Date :03/10/2013
(87) International Publication No :WO 2014/096955
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZTE WISTRON TELECOM AB
Address of Applicant :Kista Science Tower 18tr, Farogatan 33
,Kista, S- 164 51 Stockhlom Sweden
(72)Name of Inventor :
1)SVEDMAN ,Patrick

(57) Abstract :

A wireless communication technique includes configuring a first antenna group to transmit common system information , a common reference signal, and data according to a first format and a second format to wireless devices in a cell , configuring a second antenna group to transmit data according to the second format , but no common system information or common reference signals, to wireless devices in the cell and dynamically assigning, based on a network operational status ,antennas from a plurality of antennas to either the first antenna group or the second antenna group.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

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

(51) International classification :F02D13/02,F01L13/00,F02B37/18
(31) Priority Document No :2013016701
(32) Priority Date :31/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2014/000188
Filing Date :29/01/2014
(87) International Publication No :WO 2014/118626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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

(57) Abstract :

An internal combustion engine includes a variable valve mechanism (44) that takes a valve characteristic of an intake valve, and changes the valve characteristic according to an engine operating state; a turbocharger (30) that includes a bypass passage (34) that bypasses a turbine wheel (31) arranged in an exhaust passage by connecting a portion of the exhaust passage that is upstream of the turbine wheel to a portion of the exhaust passage that is downstream of the turbine wheel and a waste gate valve (35) that adjusts a flow path area of the bypass passage; and a control apparatus configured to, when there is a request to increase the valve characteristic according to a change in the engine operating state change the valve characteristic to an increase side with the variable valve mechanism after opening the waste gate valve to an opening amount that is larger than before the request.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3200/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYDROPROCESSING LIGHT CYCLE OIL IN LIQUID- FULL REACTORS

(51) International classification :C10G7/00,C10G45/22,C10G65/12
(31) Priority Document No :13/669540
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068208
Filing Date :04/11/2013
(87) International Publication No :WO 2014/074428
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)E. I. DU PONT DE NEMOURS AND COMPANY
Address of Applicant :1007 Market Street, Wilmington ,Delaware 19898 U.S.A.

(72)Name of Inventor :
1)DINDI ,Hasan
2)PULLEY ,Alan ,Howard
3)TA ,Thanh, Gia
4)KUPERAVAGE JR, Vincent, Adam

(57) Abstract :

A process for the hydroprocessing of a low- value light cycle oil (LCO) hydrocarbon feed to provide a high- value diesel -range product. The process comprises a hydrotreatment stage followed by a hydrocracking stage , each of which is conducted under liquid-full reaction conditions wherein substantially all the hydrogen supplied to the hydrotreating and hydrocracking reactions is dissolved in the liquid -phase hydrocarbon feed. Ammonia and optionally other gases formed during hydrotreatment are removed in a separation step prior to hydrocracking. The LCO feed is advantageously converted to diesel in high yield with little loss of hydrocarbon to naphtha.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3201/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AUTOMATED SAMPLE PROCESSING SYSTEM

(51) International classification	:G01N31/00,G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:61/723736	1)BECKMAN COULTER, INC.
(32) Priority Date	:07/11/2012	Address of Applicant :250 South Kraemer Boulevard, Brea
(33) Name of priority country	:U.S.A.	,California 92821 U.S.A.
(86) International Application No	:PCT/US2013/068886	(72)Name of Inventor :
Filing Date	:07/11/2013	1)EBERHARDT ,Michael
(87) International Publication No	:WO 2014/074684	2)MARTINEZ ,Charles
(61) Patent of Addition to Application	:NA	3)PAYNE ,Kathleen
Number	:NA	4)WELTE ,Christoph
Filing Date	:NA	5)WIEDEMANN ,Bernd
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One embodiment of the invention is directed to a method comprising receiving instruction data relating to a sample in a sample container. The method includes generating, by at least one processor using a workflow management layer, a process plan for the sample, and providing the process plan to a process control layer. The process plan comprises a plurality of possible routes. The method also comprises selecting, by the at least one processor using the process control layer, an optimized route within the plurality of possible routes in the process plan, and providing the optimized route to a middleware control layer. The at least one processor and J middleware control layer are operable to cause a transport system to proceed along the selected route.

No. of Pages : 48 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3202/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : USE OF A PVDF MEMBRANE TO PURIFY CELL- BINDING AGENT CYTOTOXIC AGENT CONJUGATES

(51) International classification :C12M1/12,B01D39/14
(31) Priority Document No :61/709891
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063480
Filing Date :04/10/2013
(87) International Publication No :WO 2014/055877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IMMUNOGEN ,INC.
Address of Applicant :830 Winter Street, Waltham
,Massachusetts 02451- 1477 U.S.A.
(72)Name of Inventor :
1)CHEN, Xiaoxi Kevin
2)LI ,Xinfang

(57) Abstract :

The invention provides processes for preparing purified cell- binding agent cytotoxic agent conjugates comprising subjecting a mixture comprising a cell- binding agent cytotoxic agent conjugate and one or more impurities to a polyvinyl difluoride (PVDF) membrane to remove at least a portion of the impurities from the mixture , thereby providing a purified cell- binding agent cytotoxic agent conjugate.

No. of Pages : 72 No. of Claims : 98

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3121/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : STEERING YOKE ASSEMBLY

(51) International classification	:B62D3/02,B62D3/12
(31) Priority Document No	:61/708003
(32) Priority Date	:30/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/062276
Filing Date	:27/09/2013
(87) International Publication No	:WO 2014/052813
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)WITTING, Nicholas;

(57) Abstract :

A steering yoke bearing assembly includes a body. The body can include a first end having a flat surface and a second end opposite the first end. The second end can have a concave surface having a radius of curvature, R_{es} , a first lateral side and a second lateral side opposite the first lateral side. A first bearing pad can extend from the first lateral side of the concave surface and a second bearing pad can extend from the second lateral side of the concave surface opposite the first bearing pad. Each bearing pad can include a shaft contact surface having a radius of curvature, R_{scs} , and $R_{scs} \geq 2 \times R_{cs}$.

No. of Pages : 26 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3122/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : END FACE OIL CONFIGURATION FOR JOURNAL BEARINGS

(51) International classification :F16C33/10,F02B39/00,F02B39/14
(31) Priority Document No :61/708735
(32) Priority Date :02/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060570
Filing Date :19/09/2013
(87) International Publication No :WO 2014/055255
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BORGWARNER INC.
Address of Applicant :Patent Department, 3850 Hamlin Road,
Auburn Hills, Michigan 48326 U.S.A.
(72)Name of Inventor :
1)WARD, Daniel N.;

(57) Abstract :

A journal bearing , such as for a turbocharger , having an axial end face designed for improved balance of lubrication and thrust. The journal bearing axial end face is modified so that it provides thrust, yet does not easily allow oil to escape before allowing lubrication to take place between the bearing and the adjacent face.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3123/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WALLBOARD CORNER FINISHING STRIP

(51) International classification :E04F13/06

(31) Priority Document No :61/710276

(32) Priority Date :05/10/2012

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

(86) International Application No :PCT/US2013/060576

Filing Date :19/09/2013

(87) International Publication No :WO 2014/055256

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ROSENTHAL, Guy;

2)MOYER, Kevin;

3)CAREY,James;

(57) Abstract :

A corner bead strip (10) is provided for finishing a wallboard corner joint, includes a flexible plastic body (18) having a first flange (20) and a second flange (22), each flange with a corner edge (24) and an opposite free edge (26). The corner edges are joined by a central flex zone (28) formed by a plastic composition distinct from a plastic composition used for forming the flanges. A web (30) of paper covers a surface of the body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3124/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WEARABLE PACKAGE FOR CONSUMABLE PRODUCTS AND METHODS FOR USING SAME

(51) International classification :A45F3/14,A45C1/04,A44C5/00

(31) Priority Document No :61/715189

(32) Priority Date :17/10/2012

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

(86) International Application No :PCT/IB2013/059324

Filing Date :11/10/2013

(87) International Publication No :WO 2014/060924

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Avenue Nestle 55, CH -1800 Vevey
Switzerland

(72)Name of Inventor :

1)SCHALLER, Raphael

2)RODGERS, Matthew Blake

3)GENAW ,JR. ,Joel Dean

(57) Abstract :

Wearable packages for consumable products and methods for using same are provided. In a general embodiment, the wearable packages include a first compartment for housing a product and a second compartment for housing a bi- stable band. The wearable packages provide several advantages and benefits including , but not limited to convenient carrying and handling of consumable products and easy two -, one-, or no -handed access to products contained within the wearable packages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3223/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR TUMOR CLONALITY ANALYSIS

(51) International classification :G06F19/10

(31) Priority Document No :61/711467

(32) Priority Date :09/10/2012

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

(86) International Application No :PCT/US2013/064081

Filing Date :07/11/2013

(87) International Publication No :WO 2014/058987

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)FIVE3 GENOMICS, LLC

Address of Applicant :101 Cooper Street, Santa Cruz ,CA
95060 U.S.A.

(72)Name of Inventor :

1)SANBORN, John Zachary

(57) Abstract :

Systems and methods of genomic analysis are presented that provide a framework to determine a tumor s clonality , the number and proportion of all major clones , and the variants that distinguish them. Contemplated systems and methods also allow phasing mutations to parental alleles to so time their emergence within the population of tumor cells , and provide an accurate estimate of the amount of contaminating normal tissue that was present in the tumor biopsy.

No. of Pages : 53 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3224/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MUTAGENIZED TOBACCO PLANT AS SEED CULTURE FOR THE PRODUCTION OF OIL FOR ENERGETIC, INDUSTRIAL AND ALIMENTARY USES

(51) International classification	:A01H1/04
(31) Priority Document No	:RM2007A000129
(32) Priority Date	:14/03/2007
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2007/053412
Filing Date	:27/08/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6531/DELNP/2009
Filed on	:12/10/2009

(71)Name of Applicant :

1)AEP Advanced Ecopower Patents SA

Address of Applicant :Via Luini 12, CH-6600 Locarno,
Switzerland Switzerland

(72)Name of Inventor :

1)FOGHER Corrado

(57) Abstract :

The present invention relates to the development of tobacco plants, modified through mutagenesis techniques, interspecific hybridisation followed by poliploidisation and recombinant DNA technologies, characterised by the fact of being capable of producing a very high amount of seeds and their use for the production of oil for energetic and industrial scopes, such as combustion oil, biodiesel and lubricating oil, and for animal and human alimentation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3043/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A46B11/00,A46B15/00
(31) Priority Document No :61/719016
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063678
Filing Date :07/10/2013
(87) International Publication No :WO 2014/066021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)COLGATE- PALMOLIVE COMPANY
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(72)Name of Inventor :
1)WORTHINGTON, Brian G.
2)KENNEDY, Sharon
3)JIMENEZ, Eduardo J.

(57) Abstract :

An oral care implement having an internal reservoir. In one embodiment, the invention can be a toothbrush comprising: a handle having an internal reservoir containing an oral care fluid; a head coupled to the handle; an applicator located on the head; a partition member positioned within the internal reservoir that divides the internal reservoir into a storage chamber and an overflow chamber; a passageway extending through the partition member from the storage chamber to the overflow chamber, the passageway terminating as a first opening in a first surface of the partition member and as a second opening in a second surface of the partition member; and a wick member having a first end in fluid communication with the applicator and a second end terminating in an end surface that abuts the second surface of the partition member to prohibit axial movement of the wick member in a first axial direction.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3044/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : TUNABLE BAND PASS FILTER

(51) International classification	:H01P1/205,H01P7/04	(71)Name of Applicant :
(31) Priority Document No	:2012233659	1)NEC CORPORATION
(32) Priority Date	:23/10/2012	Address of Applicant :7- 1,Shiba 5- chome ,Minato -ku ,Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2013/006181	(72)Name of Inventor :
Filing Date	:18/10/2013	1)SHIROYAMA Norihisa
(87) International Publication No	:WO 2014/064911	2)UEDA sumio
(61) Patent of Addition to Application Number	:NA	3)SASAKI Kiyotake
Filing Date	:NA	4)MIYAMOTO Takahiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention has: a conductive casing body having cavity resonators; a conductive cover which covers the cavity resonators; resonator elements which are positioned within the cavity resonators one end whereof being connected to the casing body and another end whereof being a free end; and movable conductors which are positioned in spaces between the free ends of the resonator elements and the conductive cover. A tunable band -pass filter is thus implemented whereby it is possible to easily change a resonance frequency of a cavity resonator and a coupling quantity between the cavity resonators, and which is inexpensive and has a simple structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3138/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYRINGE

(51) International classification	:A61M5/32
(31) Priority Document No	:2012235668
(32) Priority Date	:25/10/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/078755
Filing Date	:24/10/2013
(87) International Publication No	:WO 2014/065345
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)TAISEI KAKO CO., LTD.
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(72)Name of Inventor :
1)HORITA, Taiji
2)MATSUMOTO, Ippei
3)TANIGUCHI ,Kensuke

(57) Abstract :

The purpose of the present invention is to make it possible to prevent a cap from being fitted in a slanted orientation with respect to a syringe body. A cap (2) is provided with an elastic cylinder (11) for guiding an injection needle (4) to the interior and also sealing in a holding part (5) , and an outer cylinder (12) for covering the periphery of the elastic cylinder (11) and holding the elastic cylinder (11) so as to prevent movement thereof. The outer cylinder (12) has an opening part (16) configured to be larger than the holding part (5) of a syringe body (1) and a guiding part (19) that when the injection needle (4) is introduced into the interior of the elastic cylinder (11) , comes into contact with a part of the syringe body (1) and guides the injection needle (4) in a predetermined direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3139/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LEAK- RESISTANT SLIDER ZIPPER BAG

(51) International classification :B65D33/25

(31) Priority Document No :61/718940

(32) Priority Date :26/10/2012

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

(86) International Application No :PCT/US2013/063774

Filing Date :08/10/2013

(87) International Publication No :WO 2014/066026

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ILLINOIS TOOL WORKS INC.

Address of Applicant :155 Harlem Avenue, Glenview, IL

60025 U.S.A.

(72)Name of Inventor :

1)AUSNIT ,Steven

2)PLOURDE ,Eric

3)GRECO ,Charles

4)RUSSELL, Glyn

(57) Abstract :

The present disclosure relates to a leak- resistant slider zipper. The zipper typically includes end seals at the opening and closing ends of the zipper, an upper and a lower set of interlocking elements , first and second upper flanges above the upper interlocking elements having no gaps or cut- outs therein , and first and second lower flanges below the lower interlocking elements , one of the lower flanges being folded back on itself, and a slider.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3240/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANALYSIS DEVICE FOR IN VITRO DIAGNOSTICS

(51) International classification :G01N35/04
(31) Priority Document No :12/60661
(32) Priority Date :09/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052597
Filing Date :30/10/2013
(87) International Publication No :WO 2014/072616
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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France
(72)Name of Inventor :
1)ROUSSEAU, Alain

(57) Abstract :

This analysis device (2) comprises at least one rack (6) intended to receive a plurality of containers (7) that contain samples of biological liquid to be analysed, a loading module (14) designed to move the at least one rack (6) between a loading position and a first intermediate position, an agitating module (21) designed to move the at least one rack (6) between the first intermediate position and a second intermediate position and to agitate the at least one rack (6) an unloading module (37) designed to move the at least one rack (6), between the second intermediate position and an unloading position. The loading and unloading modules (14, 37) are designed to move the at least one rack (6) respectively in a first and a second direction of transverse movement in the plane of the at least one rack (6). The agitating module is designed such that the at least one rack extends substantially in one and the same orientation in the first and second intermediate positions.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2968/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A SYNERGISTIC HERBAL DIETARY HEALTH SUPPLEMENTS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY INSTITUTE OF PHARMACY
(32) Priority Date	:NA	Address of Applicant :AMITY INSTITUTE OF
(33) Name of priority country	:NA	PHARMACY, AMITY UNIVERSITY UTTAR PRADESH, A
(86) International Application No	:NA	BLOCK, SECTOR - 125, NOIDA, INDIA. Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGARWAL, SHYAM, SUNDER
(61) Patent of Addition to Application Number	:NA	2)MADAN, SWATI
Filing Date	:NA	3)NAGPAL, DHEERAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a synergistic herbal dietary health supplement. The present invention also discloses a process for the preparation of the same in pharmaceutically acceptable optimal self- disintegrating dosage forms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3059/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : DENTIFRICE COMPOSITIONS CHANGING OF COLOR WHEN TOOTH BRUSHING

(51) International classification :A61Q11/00,A61K8/73,A61K8/81

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2012/066662

Filing Date :27/11/2012

(87) International Publication No :WO 2014/084813

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PAN, Guisheng;

2)PATEL, Dipak;

3)SZEWCZYK, Gregory;

4)LIN, Nora C ;

(57) Abstract :

Described herein are powder coated films comprising a polymer matrix designed for use in a toothpaste to indicate a color change during brushing , dentifrice compositions comprising the films, and methods of making and using the same.

No. of Pages : 19 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3060/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ARTICLE(S) WITH SOFT NONWOVEN WEB

(51) International classification :A61F13/511,A61F13/514,B32B5/26
(31) Priority Document No :61/723098
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068050
Filing Date :01/11/2013
(87) International Publication No :WO 2014/074411
(61) 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 PROCTER & GAMBLE COMPANY
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(72)**Name of Inventor :**
1)XU, Han
2)FERRER, John
3)DEBEER, Antonius ,Lambertus
4)MECL ,Zdenek
5)KLASKA ,Frantisek
6)KUMMER, Jiri
7)KASPARKOVA, Pavlina
8)KOHUT ,Jaroslav

(57) Abstract :

A product that includes a soft nonwoven web is disclosed. The nonwoven web includes a first fibrous layer made of a first composition and a second fibrous layer made of a second composition. The second composition is different from the first composition.

No. of Pages : 51 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3061/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ARTICLE(S) WITH SOFT NONWOVEN WEB

(51) International classification :A61F13/514,B32B5/26,D04H1/4291
(31) Priority Document No :61/723064
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068048
Filing Date :01/11/2013
(87) International Publication No :WO 2014/074410
(61) 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 PROCTER & GAMBLE COMPANY
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1)XU, Han;
2)FERRER, John;
3)DEBEER, Antonius, Lambertus;
4)MECL, Zdenek;
5)KLASKA, Frantisek;
6)KUMMER, Jiri;
7)KASPARKOVA, Pavlina;
8)KOHUT,Jaroslav;

(57) Abstract :

A product that includes a soft nonwoven web is disclosed. The nonwoven web includes a first fibrous layer made of a first composition and a second fibrous layer made of a second composition. The second composition is different from the first composition.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3150/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYMER COMPOSITION COMPRISING A BLEND OF A MULTIMODAL POLYETHYLENE AND A FURTHER ETHYLENE POLYMER SUITABLE FOR THE PRODUCTION OF A DRIP IRRIGATION PIPE

(51) International classification :C08L23/08,F16L1/06,F16L37/54
(31) Priority Document No :12007622.9
(32) Priority Date :09/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/003351
Filing Date :07/11/2013
(87) International Publication No :WO 2014/072056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :IZD Tower, Wagramer Strae 17- 19, A - 1220 Wien Austria

2)ABU DHABI POLYMERS CO. LTD (BOROUGE) L.L.C.

(72)Name of Inventor :

1)MOTHA, Kshama

2)NILSSON ,Anette

3)NIKHADE, Prashant

4)DASGUPTA ,Chanchal

5)ASTING ,Johan

(57) Abstract :

The present application relates to a polymer composition as defined in claims comprising (A) a polymer base resin which comprises a blend of (A- 1) a multimodal ethylene polymer and (A- 2) an ethylene polymer, and carbon black , a drip irrigation pipe comprising said polymer composition , a process for producing said drip irrigation pipe , pellets comprising said polymer composition and the use of said polymer composition for producing said drip irrigation pipe.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3151/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN ANALYSIS TOOL MEMBER

(51) International classification :G01R1/067

(31) Priority Document No :61/702153

(32) Priority Date :17/09/2012

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

(86) International Application No :PCT/SG2013/000402

Filing Date :12/09/2013

(87) International Publication No :WO 2014/042597

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :6 Penjuru Lane, Singapore 609187

Singapore

(72)Name of Inventor :

1)YEO, Joanne;

2)KOONG,Darren;

3)ASSADI, Reza;

(57) Abstract :

A detachable member and a processing member for an analysis tool the detachable member comprising a housing for a probe member said probe member capable of obtaining one or more characteristics information; and a circuitry component for co operating with said member the circuitry component comprising one or more electrical connections for transmitting said one or more characteristics information to a separate processing member such that said one or more characteristics information is capable of being used by the separate processing member for analysis.

No. of Pages : 31 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3152/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODIFIED SURFACE AROUND A HOLE

(51) International classification :F01D5/18,F01D5/28,F01D5/00	(71)Name of Applicant :
(31) Priority Document No :12192931.9	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date :16/11/2012	Address of Applicant :Wittelsbacherplatz 2, 80333 M¼nchen
(33) Name of priority country :EPO	Germany
(86) International Application No :PCT/EP2013/073001	(72)Name of Inventor :
Filing Date :05/11/2013	1)HILLE ,Thomas
(87) International Publication No :WO 2014/075947	2)LAMPENSCHERF, Stefan
(61) Patent of Addition to	
Application Number :NA	
Filing Date :NA	
(62) Divisional to Application	
Number :NA	
Filing Date :NA	

(57) Abstract :

Through the use of depressions in a layer , spalling within the interfaces through the layers is prevented.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3250/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HOSE- END SPRAYER

(51) International classification :B05B9/04
(31) Priority Document No :61/702908
(32) Priority Date :19/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059442
Filing Date :12/09/2013
(87) International Publication No :WO 2014/046961
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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91702 U.S.A.
(72)Name of Inventor :
1)ARMINAK, Armin
2)BAUGHMAN ,Gary ,M.

(57) Abstract :

A sprayer for dispensing a flowable product is disclosed and includes two (2) primary components including a housing and a valve insert. The housing includes a proximal end for connection to a supply of liquid and a separate attachment structure for connection to a product container, the product container including a flowable product which is intended to mix with the supply of liquid. A valve insert is assembled into the housing and the valve insert is movable in a rotary fashion relative to the housing in order to select one (1) of three (3) settings. The three (3) settings include an OFF position a, light product mix ratio setting and a heavy product mix ratio setting.

No. of Pages : 48 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3143/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOW VOC COLORANT COMPOSITIONS

(51) International classification	:C09D5/00
(31) Priority Document No	:12187521.5
(32) Priority Date	:05/10/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/070497
Filing Date	:02/10/2013
(87) International Publication No	:WO 2014/053522
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKZO NOBEL COATINGS INTERNATIONAL B.V.
Address of Applicant :Velperweg 76, NL- 6824 BM Arnhem
Netherlands
(72)**Name of Inventor :**
1)ELLIOTT, David;
2)JHEETA,Ravinder;

(57) Abstract :

An aqueous liquid colorant composition having a volatile organic content up to 50g/l and suitable for colouring aqueous or solvent borne architectural coatings and basepaints comprising based on the total weight of the composition , i) from 1 to 26% of non -volatile organic liquid having vapour pressure up to 1.3 N/m at 25°C and comprising a mixture of polyethylene glycol (PEG) and polypropylene glycol (PPG) ii) from 2 to 13% of stabilising agent iii) from 4 to 77% of colour pigment iv) from 0 to 8% of rheology modifying clay v) from 0 to 20% of extender wherein the ratio of the combined weight of iii)+iv)+v) : the combined weight of i)+ii) is from 0.8 to 2.75:1 and the combined weight of the non- volatile organic liquid i) and the stabilising agent ii) is no greater than 24% and the combined weight of the rheology modifying clay iv) and the extender v) is at least 2% when the amount of colour pigment is less than 51%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3145/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL PYRAZINE DERIVATIVES AS CB2 RECEPTOR AGONISTS

(51) International classification :C07D401/14,C07D413/14,C07D403/04
(31) Priority Document No :12196024.9
(32) Priority Date :07/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075444
Filing Date :04/12/2013
(87) International Publication No :WO 2014/086807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Switzerland
(72)Name of Inventor :
1)DHURWASULU, Baledi;
2)GRETHER, Uwe
3)NETTEKOVEN, Matthias
4)ROEVER ,Stephan
5)ROGERS -EVANS ,Mark
6)SCHULZ -GASCH Tanja

(57) Abstract :

14The invention relates to a compound of formula (I) wherein R1 to R4 are defined as in the description and in the claims. The compound of formula (I) is a CB2 receptor agonist for use in the treatment of several disorders, such as pain , atherosclerosis and glaucoma.

No. of Pages : 62 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3242/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVEMENTS RELATING TO THE MANUFACTURE OF WIND TURBINES

(51) International classification :B29C70/38,B29D99/00,F03D1/06

(31) Priority Document No :PA 2012 70611

(32) Priority Date :05/10/2012

(33) Name of priority country :Denmark

(86) International Application No :PCT/DK2013/050310

Filing Date :30/09/2013

(87) International Publication No :WO 2014/053142

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S

Address of Applicant :Hedeager 42, DK- 8200 Aarhus N
Denmark

(72)Name of Inventor :

1)HEDGES, Andrew

2)RAJASINGAM ,Damien

(57) Abstract :

A production system for a wind turbine component is described. The system includes an elongate mould assembly extending in a longitudinal direction, the mould assembly comprising a mould surface and having a width that varies in the longitudinal direction. First and second tracks are defined respectively on opposite longitudinal sides of the mould surface. The perpendicular distance between the respective tracks varies along the length of the track. A transport assembly is moveable relative the mould assembly in the longitudinal direction. The transport assembly includes a pair of side supports arranged to move along the respective tracks and a gantry supported above the mould assembly by the side supports. The gantry extends transverse to the longitudinal direction. The transport assembly is configured such that the side supports move relative to one another in a direction transverse to the longitudinal direction in accordance with the varying distance between the tracks as the transport assembly moves in the longitudinal direction.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3243/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SALTY -TASTE ENHANCING AGENT AND MANUFACTURING METHOD THEREFOR, AND SALTY- TASTE ENHANCING METHOD

(51) International classification :A23L1/226,C07C279/02,C07C279/08
(31) Priority Document No :2012230673
(32) Priority Date :18/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078178
Filing Date :17/10/2013
(87) International Publication No :WO 2014/061734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)Takanobu SAKURAI
2)Yoichi KASAHARA
3)Mitsuru TANAKA
4)Keiko ABE
5)Tomiko ASAKURA
6)Haruyuki YAMASHITA

(57) Abstract :

The present application addresses the problem of providing a novel salty taste-enhancing agent and a manufacturing method therefor, as well as a method for enhancing the salty taste of a food or drink. As a means for solving said problem, a salty taste-enhancing agent obtained from a compound represented by general formula (1) or a salt thereof is provided. [Chem 1] (1) [In the formula, R is as defined in the Specification.]

No. of Pages : 65 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3245/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SHAMPOO COMPOSITION COMPRISING LOW VISCOSITY EMULSIFIED SILICONE POLYMERS

(51) International classification :A61Q5/02,A61K8/893,A61K8/894
(31) Priority Document No :61/842640
(32) Priority Date :03/07/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/044329
Filing Date :26/06/2014
(87) International Publication No :WO 2015/002812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :One Procter & Gamble Plaza,
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(72)Name of Inventor :
1)SNYDER, Michael, Albert;
2)JANSEN,Joseph, Harry;
3)WAGNER, Roland;
4)WEAVER, Martha, Jane;

(57) Abstract :

A shampoo composition including (a) a silicone polymer including (i) one or more quaternary groups; (ii) at least one silicone block comprising greater than 200 siloxane units; (iii) at least one polyalkylene oxide structural unit; and (iv) at least one terminal ester group , and (b) a deterative surfactant. The silicone polymer has a viscosity of up to 100, 000 mPa.s. The silicone polymer is a pre - emulsified dispersion with a particle size of less than about 1 micron.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2995/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/10/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED CASE FOR SURVEILLANCE VIDEO CAMERA AND HOLDING DEVICE FOR A CASE FOR A SURVEILLANCE VIDEO CAMERA

(51) International classification	:G08B13/196,G03B17/55	(71)Name of Applicant :
(31) Priority Document No	:MI2012A001589	1)VIDEOTEC S.P.A.
(32) Priority Date	:24/09/2012	Address of Applicant :Via Friuli, 6, I- 36015 Schio (VI) Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/IB2013/058504	1)GROTTO ,Alessio
Filing Date	:12/09/2013	2)ZATTARA, Dario
(87) International Publication No	:WO 2014/045170	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a case (1) for surveillance video cameras (2) comprising a first (3) and a second (4) half shell connectable to each other to define a housing volume for at least one video camera (2). At least one of the first (3) and the second (4) half- shell comprises a transparent panel (5) intended to be placed in front of a lens of the video camera (2). The case further comprises a holding device (9) for the video camera (2) which defines a duct (8) conveying an air flow generated by air flow generating means (7) towards the transparent panel (5). Heating means (6) are provided for heating the generated air flow. At least one section of the conveying duct (8) has insulating walls , preferably made of plastic material , defined by the holding device itself. The invention relates also to a video camera holding device for use in protection cases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3084/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL AND FERMENTATION OF SUGARS

(51) International classification	:C12P1/00,C12P19/14	(71)Name of Applicant :
(31) Priority Document No	:12191957.5	1)DSM IP ASSETS B.V.
(32) Priority Date	:09/11/2012	Address of Applicant :Het Overloon 1, NL- 6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2013/073255	(72)Name of Inventor :
Filing Date	:07/11/2013	1)BERKHOUT, Michael Petrus Jozef
(87) International Publication No	:WO 2014/072395	2)NOORDAM, Bertus
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the preparation of a fermentation product from ligno- cellulosic material, comprising the following steps: a) optionally pre- treatment of the ligno -cellulosic material; b) optionally washing of the optionally pre- treated ligno- cellulosic material; c) enzymatic hydrolysis of the optionally washed and/or optionally pre- treated ligno- cellulosic material using an enzyme composition comprising at least two cellulase and whereby the enzyme composition at least comprises GH61; d) whereby less than 7.5 mg enzyme composition/g glucan (on dry matter and enzyme as protein) or less than 3.0 mg enzyme composition/g feedstock (on dry matter and enzyme as protein) is used; and e) fermentation of the hydrolysed ligno- cellulosic material to produce a fermentation product; and f) optionally recovery of a fermentation product; wherein before and/or during the enzymatic hydrolysis oxygen is added to the ligno cellulosic material.

No. of Pages : 62 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3085/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : HEAVY- DUTY CHAIN

(51) International classification:F16G13/12,B66C1/12,D03D25/00

(31) Priority Document No :12193174.5

(32) Priority Date :19/11/2012

(33) Name of priority country :EPO

(86) International Application
No :PCT/EP2013/074075

Filing Date :18/11/2013

(87) International Publication
No :WO 2014/076279

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DSM IP ASSETS B.V.

Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
Netherlands

(72)Name of Inventor :

1)WIENKE Dietrich

2)MARISSEN Roelof

(57) Abstract :

The invention relates to a heavy duty chain -containing chain- links comprising synthetic polymeric yarns , wherein when said chain is kept at least taut onto an essentially planar surface, each chain- link has an orthographic projection onto said planar surface , said projection having a foot print area (A), wherein the foot print areas denoted as A_i and A_2 of every two adjacent links are in a relation $80\%A_2 \leq A_i \leq 100\%A_2$ with A_i being the smallest of said two areas and wherein the projection is done in such a way that the ratio of the foot print areas A to A is maximized.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3179/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPLICATION ARRANGEMENT WITH A MEDICINAL SUBSTANCE FLUID

(51) International classification :A61M5/00,A61M5/31,B65D81/20
(31) Priority Document No :12187273.3
(32) Priority Date :04/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070570
Filing Date :02/10/2013
(87) International Publication No :WO 2014/053560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FRESENIUS KABI DEUTSCHLAND GMBH
Address of Applicant :Else Krner Strae 1 61352 Bad Homburg
Germany
(72)Name of Inventor :
1)KERSCHBAUMER, Andreas
2)GORGES, Roland
3)GRIGOLEIT, Patricia
4)KRENN, Christian
5)SCHL-GL, Johann

(57) Abstract :

The invention relates to an application arrangement for a medicinal substance fluid with an application syringe (100) with a plastic container (101) wherein the plastic container (101) is filled with an oxygen sensitive medicinal substance fluid (107) and an oxygen tight cover (119) which surrounds the application syringe (100) in oxygen tight manner.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3280/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : TACRINE-QUERCETIN CONJUGATES FORM FOR TREATMENT OF ALZHEIMER'S DISEASE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DEEPSHIKHA PANDE KATARE
(61) Patent of Addition to Application Number	:NA	2)PALLAVI SHARMA
Filing Date	:NA	3)RUCHI JAKHMOLA
(62) Divisional to Application Number	:NA	4)KUMUD BALA
Filing Date	:NA	

(57) Abstract :

The present invention relates to the novel drug delivery system using Tacrinequercetin conjugates for the treatment of Alzheimers disease. The present invention also relates to the development of conjugate by a linker which could either be permanent that requires the Tacrine-quercetin conjugate to act as a delivery vector and active drug or is cleaved once inside the cell, thus releasing the active drugs. This novel conjugate prepared by click chemistry proves to be more effective in reducing the toxicity of tacrine and also for treating Alzheimers.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3184/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED COMBINATION OF ELASTOMERIC FILM COMPOSITION AND ADHESIVE FOR A STRETCH LAMINATE

(51) International classification :B32B5/02,B32B7/12,B32B25/10
(31) Priority Document No :13/673277
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064424
Filing Date :11/10/2013
(87) International Publication No :WO 2014/074264
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANSFIELD, Todd ,Leon

(57) Abstract :

A stretch laminate comprising an elastomeric film layer and a nonwoven web layer is disclosed. An adhesive is disposed between the elastic film layer and the nonwoven web layer. The elastomeric film layer may include a plasticizer and greater than 7 percent by weight of a tackifier. The elastomeric film formulation provides reduced loss of adhesion strength with the adhesive over time providing for improvement in mechanical performance of the stretch laminate over time.

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3185/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL STRAINS OF *BREVIBACILLUS LATEROSPORUS* AS BIOCONTROL AGENTS AGAINST PLANT PESTS PARTICULARLY LEPIDOPTERA AND DIPTERA

(51) International classification :A01N63/00,C12N1/20
(31) Priority Document No :61/704801
(32) Priority Date :24/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/055157
Filing Date :24/06/2013
(87) International Publication No :WO 2014/045131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LINCOLN UNIVERSITY
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Lincoln, 7647 New Zealand
(72)Name of Inventor :
1)GLARE, Travis, Robert;
2)HAMPTON, John, Graham;
3)COX,Murray, Paul;
4)BIENKOWSKI, Damian, Alexander;

(57) Abstract :

The invention provides isolated *Brevibacillus laterosporus* strains with insecticidal activity against at least one Lepidoptera species and at least one Diptera species. In particular the invention provides the isolated *B. laterosporus* strains NMI Q No. V12/001946, NMI No. V12/001 945 and NMI No. V12/001944. The invention provides compositions comprising one or more strain of the invention. The invention also provides methods of use of one or more strains or compositions of the inventions to control pests, particularly insect pests.

No. of Pages : 50 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3186/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IDENTIFICATION AND ANALYSIS OF FETAL TROPHOBLAST CELLS IN CERVICAL MUCUS FOR PRENATAL DIAGNOSIS

(51) International classification :C12N5/073

(31) Priority Document No :61/715854

(32) Priority Date :19/10/2012

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

(86) International Application No :PCT/US2013/065570

Filing Date :18/10/2013

(87) International Publication No :WO 2014/062995

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

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2)DIAMOND, Michael P.

(72)Name of Inventor :

1)ARMANT, D. ,Randall

2)DIAMOND Michael P.

(57) Abstract :

A method of retrieving fetal cells from an endocervical sample by removing the mucus from the endocervical sample by disassociating fetal cells and maternal cells in the endocervical sample; and isolating disassociated fetal cells from other cells in the endocervical sample. Also provided is a method of retrieving fetal cells from an endocervical sample, by obtaining a mixture of disassociated cells prepared by the above method, treating the cells with a fetal- specific antibody , identifying cells that have bound to the fetal- specific antibody , and isolating the identified cells. The disassociated cell prepared by the above method can be analyzed and used for a variety of purposes including, but not limited to, the identification of fetal cells among cervical cells , determination of fetal cell density to predict high risk pregnancy , genetic analysis of fetal cells ,and determination of growth factor or other biomarker expression to predict obstetrical disorders.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3281/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL SYNTHESIS OF MAGNETIC IRON OXIDE NANOPARTICLES USING CINNAMON LEAF EXTRACT

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HARSHA KHARKWAL
(61) Patent of Addition to Application Number	:NA	2)MONIKA JOSHI
Filing Date	:NA	3)PREETI PANTHARI
(62) Divisional to Application Number	:NA	4)PRANAUV BALAJI
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel method for the synthesis of magnetic iron oxide nanoparticles using cinnamon leaf extract. The present method comprises cinnamon leaf extract and FeCl₃, FeCl₂ as precursors and the solution is kept under observance for next hours and color changes of the mixture are recorded periodically. The solution is characterized using Dynamic Light Scattering analysis (DLS) and UV -Visible spectroscopy (UV-Vis). The present method for the synthesis of magnetic iron oxide nanoparticles using cinnamon leaf extract is user-friendly as well as cost-effective in nature.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3747/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : PORTABLE ELECTRONICS DRILLING COAL MOISTURE MEASURING DEVICE

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. SAKET KUMAR
(61) Patent of Addition to Application Number	:NA	2)MR. GAURA YADAV
Filing Date	:NA	3)MR. ASHUTOSH GUPTA
(62) Divisional to Application Number	:NA	4)MS. RASHMI SWARNKAR
Filing Date	:NA	

(57) Abstract :

The present invention relates to a portable device with a drill sensor which is used to measure the moisture content of the coal. The portable device is attached with drilling and crushing facility on the device .The device is easy to handle and can efficiently detect the moisture content on the LCD display. With the help of the sensor and drilling, it is used to detect the moisture content of the coal particle and give results of the moisture content in percentage by mass and percentage by weight process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3154/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CANISTER MOUNTING STRUCTURE FOR A MOTORCYCLE

(51) International classification :B62J9/00,B62J37/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/TH2013/000014
Filing Date :29/03/2013
(87) International Publication No :WO 2014/158103
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HONDA MOTOR CO. LTD.

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Minato- ku, Tokyo 107- 8556 Japan

(72)Name of Inventor :

1)PHOLUANG- Pholadej

(57) Abstract :

The present invention disclosed a canister mounting structure (10) for a motorcycle (100) comprising a storage box (16) mounting under a seat (109) of the motorcycle; a canister (12) mounted to the motorcycle; a battery (14) mounted inside the said storage box (16); said canister (12) is mounted in a first compartment (20) integrally formed to the said storage box (16); and the said battery is mounted in a second compartment (22) integrally formed to the said storage box (16).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3155/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CANISTER MOUNTING STRUCTURE FOR A MOTORCYCLE

(51) International classification :B62J37/00,B62J9/00,B62J99/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No:PCT/TH2013/000013
Filing Date :29/03/2013
(87) International Publication No :WO 2014/158102
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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Minato -ku Tokyo 107- 8556 Japan
(72)Name of Inventor :
1)KASETWETIN, Tawatchai
2)PHOLCHAROEN, Sontaya

(57) Abstract :

The present invention disclosed a canister mounting structure 10 for a motorcycle 100 comprising: a storage box 16 mounting under a seat 109 of the motorcycle; a canister 12 mounted in the said storage box 16, said canister is communicably connected to a fuel tank 156 and an engine intake system 1 12 via a first connecting tube 24 and a second connecting tube 28; a one- way valve disposed on the said second connecting tube; a battery 14 mounted inside the said storage box 16; and a battery cover 18 , 29 installed inside the said storage box 16 and is configured to cover both the canister 14 and the battery 14 mounted inside the said storage box 16; said canister 14 is mounted side by side to the battery 14 in the said storage box 16 , and the said storage box 16 and the said battery cover 18 , 29 is configured to compartmentalized and separate the canister 12 from the battery 14.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3252/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTI- TOOL MACHINE FOR PROCESSING PRODUCTS MADE OF STONE MATERIALS

(51) International classification :B28D1/00,B24B7/22,B28D1/04
(31) Priority Document No :VI2013A000071
(32) Priority Date :15/03/2013
(33) Name of priority country :Italy
(86) International Application No:PCT/IB2014/058640
Filing Date :29/01/2014
(87) International Publication No :WO 2014/140946
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)LOVATO ,Claudio

(57) Abstract :

A multi- tool machine for processing products (P) made of stone materials to be processed, comprising a support surface (2) extending along a longitudinal axis (L) for supporting one or more products (P) , a bearing structure (3) designed for translation along the longitudinal axis (L) and adapted to support at least one first (4), one second (5) and one third (6) processing heads, which are designed for interaction with one or more surfaces (S, S\ S, S) of the product (P). The first (4) , second (5) and third (6) processing heads are movable relative to the bearing structure (3) independently of the others for simultaneous processing of multiple surfaces (S , S\ S , S) of the product (P).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3253/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BATTERY OPERATED RAZOR

(51) International classification	:B26B21/38
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2012/083919
Filing Date	:01/11/2012
(87) International Publication No	:WO 2014/067118
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Patent Department -3E ,One Gillette Park, Boston, Massachusetts
02127 U.S.A.
(72)**Name of Inventor :**
1)REHBEIN, Stefan
2)SHEN ,Guohua
3)GU ,Wei
4)SCHNAK ,Fred Dieter
5)ROENNEBERG Gerrit

(57) Abstract :

Handle (10) is provided for battery (38) operated razors. In some implementations, the handle (10) includes a simple, efficient mechanism for both securing a battery cover (16) to the handle (10) of a razor and at the same time providing a high reliability electrical contact between the battery (38) and electronics of the razor. The mechanism includes a closing system including a first conductive component (50) slidably attached within the battery cover (16) and biased toward a predetermined axial position and a second conductive component (80) secured to the interior wall of the grip portion. The first conductive component (50) is configured to interact with the second conductive component (80) and move axially within the battery cover (16) during engagement of the battery cover (16) with the grip portion.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3755/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PLASTIC CONTAINER AND METHOD

(51) International classification:B29C49/76,B65D1/02,B29C49/04

(31) Priority Document No :2557/12

(32) Priority Date :27/11/2012

(33) Name of priority country :Switzerland

(86) International Application No :PCT/EP2013/003525

Filing Date :22/11/2013

(87) International Publication No :WO 2014/082721

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KUENZ Johann

2)WOHLGENANT Herbert

(57) Abstract :

The invention relates to an extrusion blow molded plastic container (1) that has a container body which is closed by a container base and a container neck which is provided with a pour opening. An inner wall of the container neck has at least one calibrated structuring. In order to produce a plastic container (1) with a container neck designed according to the invention a portion of a single layer or multilayer plastic tube which is extruded continuously or discontinuously from an extrusion head is introduced into a mold cavity of a blow molding tool. The tube section which can be found in the mold cavity is inflated into the plastic container so as to correspond to the mold cavity using a gas which is blown into the tube section using positive pressure by means of a calibrating blow mandrel (2) which is inserted into the tube through an opening in the blow molding tool and the plastic container is cooled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3251/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification :F01P3/02,F02F1/16,F02F1/40
(31) Priority Document No :2013017107
(32) Priority Date :31/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2014/000190
Filing Date :27/01/2014
(87) International Publication No :WO 2014/118627
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
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,471 -8571 Japan
(72)Name of Inventor :
1)NOMURA, Atsushi

(57) Abstract :

An internal combustion engine includes: a cylinder block having a block cooling water passage that supplies cooling water to a plurality of cylinder bores , and a inter- bore cooling water passage provided between cylinder bores that supplies cooling water between the cylinder bores; a cylinder head having a first cooling water passage to which cooling water is supplied from the block cooling water passage, and a second cooling water passage ,which is provided independently from the first cooling water passage , and to which cooling water is supplied from the inter- bore cooling water passage; a heat exchanger; a first cooling water introducing part that leads cooling water , which is flown out from the first cooling water passage to the heat exchanger; and a second cooling water introducing part that leads cooling water which is flown out from the second cooling water passage, to a downstream side of the heat exchanger.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3752/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESSING OF DEPTH IMAGES

(51) International classification :G06T7/00,H04N13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/051230
Filing Date :12/11/2012
(87) International Publication No :WO 2014/074039
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MICHOT Julien
2)GIRDZIJAUSKAS Ivana

(57) Abstract :

A method an electronic device a computer program and a computer program product relate to 3D image reconstruction. A depth image part (7) of a 3D image representation is acquired. The depth image part represents depth values of the 3D image. An area (9 10) in the depth image part is determined. The area represents missing depth values in the depth image part. At least one first line (Pr) in a first neighbourhood (Nr) of the area is estimated by a first gradient of the depth values being determined in the first neighbourhood and a direction of the at least one first line being determined in accordance with the first gradient. Depth values of the area based on the at least one first line are estimated and the area is filled with the estimated depth values. The 3D image is thereby reconstructed.

No. of Pages : 43 No. of Claims : 51

(54) Title of the invention : METHOD FOR PREPARING THERMOPLASTIC RESIN COMPOSITION WITH REMARKABLE SURFACE CLEARNESS AND GLOSS

(51) International classification :C08F279/04,C08F2/24,C08L55/02
 (31) Priority Document No :1020130075323
 (32) Priority Date :28/06/2013
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2014/005539
 Filing Date :23/06/2014
 (87) International Publication No :WO 2014/208965
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 Seoul 150 721 Republic of Korea
 (72)Name of Inventor :
1)YOO Keun Hoon
2)AHN Bong Keun
3)KIM Dae Young

(57) Abstract :

The present invention relates to a method for preparing a thermoplastic resin composition having remarkable surface clearness and gloss and capable of preventing mold deposits during a high speed injection process by: preparing a resin latex by using a reactive emulsifier during emulsification polymerization of a rubber latex comprising polybutadiene and using a hydrophobic initiator during graft copolymerization of the rubber latex an aromatic vinyl monomer and a vinyl cyano monomer; aggregating the resin latex; compression hydrating the same to have a water content of less than 10% by using a compression dehydrator; and carrying out a wet powder extrusion process. The method comprises: (1) a rubber latex preparation step of preparing a rubber latex from a conjugated diene monomer by using a reactive emulsifier; (2) a resin latex preparation step of preparing a resin latex by graft copolymerizing an aromatic vinyl monomer and a vinyl cyano monomer to the rubber latex by using a reactive emulsifier and a hydrophobic initiator; (3) a dehydration step of aggregating the resin latex and obtaining a wet powder by mechanically dehydrating the aggregated product to have a water content of 2 15%; and (4) a wet coextrusion step of preparing a pellet by wet coextruding the wet powder with an aromatic vinyl vinyl cyano copolymer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3754/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MOTOR VEHICLE DIFFERENTIAL COMPRISING A HOUSING PROVIDED WITH OIL RECOVERY MEANS

(51) International classification	:F16H57/04
(31) Priority Document No	:1260762
(32) Priority Date	:13/11/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/052447
Filing Date	:14/10/2013
(87) International Publication No	:WO 2014/076382
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GIRARDOT Vincent
2)COULON Damien
3)LELEU Mathieu

(57) Abstract :

The invention proposes a motor vehicle differential (12) comprising a housing holding a differential mechanism (14) comprising a ring gear (18) attached to a cage (20) of planetary gears (22) said housing comprising a first half housing (10) that is capable of accommodating in a housing (24) the cage (20) of gears (22) and at least a part of the ring gear (18) and a second half housing closing the first half housing (10) the first half housing (10) comprising a chamber (26) that accommodates at least a part of the ring gear (18) and that comprises at least a main transverse wall (28) adjacent to a transverse face (30) of the ring gear (18) characterised in that the first half housing (10) comprises a means (32) for recovering the oil splashed onto the wall (28) and a means (34) for redirecting the recovered oil to the cage (20) of planetary gears (22).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3158/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CARBON NANOSTRUCTURE SEPARATION MEMBRANES AND SEPARATION PROCESSES

(51) International classification	:C01B31/00,C01B31/02	(71)Name of Applicant :
(31) Priority Document No	:61/709915	1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC
(32) Priority Date	:04/10/2012	Address of Applicant :2323 Eastern Blvd., Baltimore, MD
(33) Name of priority country	:U.S.A.	21220 U.S.A.
(86) International Application No	:PCT/US2013/063141	(72)Name of Inventor :
Filing Date	:02/10/2013	1)SHAH, Tushar, K.;
(87) International Publication No	:WO 2014/055700	2)LIU, Han;
(61) Patent of Addition to Application	:NA	3)LASZEWSKI, Matthew;
Number	:NA	4)HOSKINS, Daniel, R.;
Filing Date	:NA	5)JONES, Melissa, L.;
(62) Divisional to Application Number	:NA	6)SEYRAFI, Saba;
Filing Date	:NA	

(57) Abstract :

Carbon nanostructures can include a plurality of carbon nanotubes that are branched , crosslinked , and share common walls with one another thereby ,defining a porous space having a tortuous path within the carbon nanostructures. The porous space can be used for sequestering a range of particulate sizes from various types of substances. Separation membranes can include a separation body having an effective pore size of about 1 micron or less and providing a tortuous path for passage of a substance therethrough. The separation body can include carbon nanostructures.

No. of Pages : 76 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3159/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS FOR MAKING CARBON NANOSTRUCTURE LAYERS

(51) International classification	:C01B31/00,C01B31/02	(71)Name of Applicant :
(31) Priority Document No	:61/709919	1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC
(32) Priority Date	:04/10/2012	Address of Applicant :2323 Eastern Blvd., Baltimore, MD
(33) Name of priority country	:U.S.A.	21220 U.S.A.
(86) International Application No	:PCT/US2013/063140	(72)Name of Inventor :
Filing Date	:02/10/2013	1)LIU ,Han
(87) International Publication No	:WO 2014/055699	2)SHAH, Tushar ,K.
(61) Patent of Addition to Application Number	:NA	3)GOLDFINGER, Jess, Michael
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A carbon nanostructure that is free of a growth substrate adhered to the carbon nanostructure can include a plurality of carbon nanotubes that are branched , crosslinked ,and share common walls with one another. Carbon nanostructures can be agglomerated with one another and densified to form a carbon nanostructure layer in which at least a portion of the carbon nanotubes in each carbon nanostructure are aligned substantially parallel to one another. Methods for forming a carbon nanostructure layer can include providing a plurality of carbon nanostructures that are free of a growth substrate adhered to each carbon nanostructure and forming a carbon nanostructure layer by depositing the carbon nanostructures on a surface.

No. of Pages : 69 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3759/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR PROTECTING A MALE END OF A COMPONENT OF A FLEXIBLE JOINT
THREADED TUBULAR CONNECTION

(51) International classification	:F16L57/00
(31) Priority Document No	:1261256
(32) Priority Date	:26/11/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2013/074088
Filing Date	:18/11/2013
(87) International Publication No	:WO 2014/079811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)AGUILAR Jos Antonio
2)HERNANDEZ Alfonso

(57) Abstract :

Temporary protector (10) of the male end (2) of a component of a threaded tubular connection for drilling or operation of oil wells provided externally with at least one threading (3) and comprising a free end part (4) the component comprising a body (1) downstream of the male end (2) said protector (10) comprising a coupling (20) arranged for protecting at least a part of said external threading (3) and said free end part (4) and provided with a threading (23) that can engage with the threading (3) of the male end (2) and a sealing device (40) suitable for being placed in contact on the one hand with said component at least in a part located downstream of said external threading (3) of the male end (2) and on the other hand with said coupling (20) so as to provide a seal downstream of said external threading (3) the sealing device (40) comprising a portion of small diameter (42) with a length comprised between 20 and 80 mm and with a bore as a cylinder of revolution the portion of small diameter (42) being provided with an internal sealing surface (42a) that can interact hermetically with an external surface of the body (1) having a maximum tolerance on diameter above 1% and a roughness Ra greater than 10 μ and a portion of large diameter (41) integral with the portion of small diameter (42) and provided with an internal sealing surface (41a) interacting hermetically with an external surface (25) of the coupling (20) said sealing device (40) being radially elastic.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3760/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD OF CODING A MATRIX IN PARTICULAR A MATRIX REPRESENTATIVE OF A FIXED OR VIDEO IMAGE

(51) International classification	:H03M7/30,H04N7/34	(71) Name of Applicant :
(31) Priority Document No	:1259484	1)I CES (INNOVATIVE COMPRESSION ENGINEERING SOLUTIONS)
(32) Priority Date	:05/10/2012	Address of Applicant :109 rue de l'Universit� F 75007 Paris
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2013/052369	(72) Name of Inventor :
Filing Date	:07/10/2013	1)LOUBET Bruno
(87) International Publication No	:WO 2014/053791	2)BESSOU Nicolas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of differential compression of the values of a matrix in which the reference cell is chosen in such a way that the difference between the initial value contained in a cell to be compressed and the decompressed value of the reference cell is a minimum.

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

(54) Title of the invention : RARE -EARTH -MAGNET PRODUCTION METHOD

(51) International classification :H01F41/02,B22F3/17,B22F3/20
 (31) Priority Document No :2012233812
 (32) Priority Date :23/10/2012
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2013/078191
 Filing Date :17/10/2013
 (87) International Publication No:WO 2014/065188
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)ICHIGOZAKI Daisuke
2)MIYAMOTO Noritaka
3)SHOJI Tetsuya
4)IKEDA Yuya
5)MANABE Akira

(57) Abstract :

Provided is a rare- earth- magnet production method with which , when producing rare -earth magnets by way of hot plastic working , rare earth magnets exhibiting high residual magnetization , and high orientation in all areas thereof can be produced without increasing working costs. The present invention comprises: a step in which a moulded body (S) is produced by pressure moulding a powder formed from a rare- earth -magnet material; and a step in which a rare- earth magnet (C) is produced by subjecting the moulded body (S) to hot plastic working. The hot plastic working comprises a two stage step including extrusion working and upset working. In the extrusion working , the moulded body (S) is accommodated in a die (Da), and the moulded body (S) in a heated state is subjected to extrusion, pressurized using a punch (PD), and further subjected to extrusion while having the thickness thereof reduced , to produce a plate- like rare- earth -magnet intermediate body (S). In the upset working , the rare- earth -magnet intermediate body (S) is pressurized in the thickness direction , and has the thickness thereof reduced, to produce the rare -earth magnet (C).

No. of Pages : 53 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3762/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE

(51) International classification :A61F2/38
(31) Priority Document No :61/719887
(32) Priority Date :29/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067142
Filing Date :28/10/2013
(87) International Publication No :WO 2014/070681
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUFORD Thomas B.

3)AKYUZ Ephraim

4)WEISEL Thomas

5)PISARNWONGS Roger

6)BECKETT Adam G.

7)GILBERT Jeffrey Lee

8)LIU Frank Yan

9)WEBER Urs

10)ROSCHAK Edmund J

11)WALKER Blair

12)POOL Scott

(57) Abstract :

According to some embodiments systems and methods for changing an angle of a tibia of a subject having arthritis are provided. A system for changing an angle of a tibia of a subject having osteoarthritis of the knee includes: a non invasively adjustable implant comprising an adjustable actuator configured to be placed inside a longitudinal cavity within the tibia and having an outer housing and an inner shaft telescopically disposed in the outer housing the outer housing configured to couple to a first portion of the tibia and the inner shaft configured to couple to a second portion of the tibia the second portion of the tibia separated at least partially from the first portion of the tibia by an osteotomy; and a driving element comprising a permanent magnet and configured to be remotely operable to telescopically displace the inner shaft in relation to the outer housing.

No. of Pages : 85 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3763/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRAW SOLUTIONS AND DRAW SOLUTE RECOVERY FOR OSMOTICALLY DRIVEN MEMBRANE PROCESSES

(51) International classification :B01D61/10,B01D61/04,B01D61/02
(31) Priority Document No :61/727426
(32) Priority Date :16/11/2012
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2013/069895
Filing Date :13/11/2013
(87) International Publication No :WO 2014/078415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OASYS WATER INC.
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MA 02210 U.S.A.
(72)Name of Inventor :
1)HANCOCK Nathan T.
2)DROVER Christopher
3)HELM Zachary

(57) Abstract :

The invention generally relates to osmotically driven membrane processes and more particularly to draw solutions and draw solute recovery techniques for osmotically driven membrane processes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3764/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VIBRATION DAMPER FOR A TORQUE TRANSMISSION DEVICE OF A MOTOR VEHICLE

(51) International classification	:F16F15/121
(31) Priority Document No	:1262613
(32) Priority Date	:21/12/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/053218
Filing Date	:20/12/2013
(87) International Publication No	:WO 2014/096735
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VALEO EMBRAYAGES
Address of Applicant :81 Avenue Roger Dumoulin F 80009
Amiens Cedex 2 France
(72)**Name of Inventor :**
1)LOPEZ PEREZ Carlos

(57) Abstract :

The invention relates to a vibration damper for a torque transmission device including a first element (1) and a second element (2) that are rotatable relative to one another around an axis of rotation X; and damping means to transmit a torque and damp the rotational acyclisms between the first element (1) and the second element (2). The damping means include an elastic blade (4) mounted secured to the first element and provided with a cam surface (6); and the damper includes a cam follower (5) supported by the second element and arranged to cooperate with said cam surface (6). The cam surface (6) is arranged such that for an angular travel between the first element (1) and the second element (2) relative to an angular idle position the cam follower (6) exerts a bending force on the elastic blade (4) producing a reaction force capable of recalling said first (1) and second (2) elements toward said angular idle position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3069/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : TOPICAL COMPOSITIONS AND METHODS OF USE

(51) International classification :A61K36/185,A61K47/00,A61K9/00
(31) Priority Document No :61/700981
(32) Priority Date :14/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059374
Filing Date :12/09/2013
(87) International Publication No :WO 2014/043304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MIRACLE FRUIT OIL L.L.C.
Address of Applicant :1228 Alton Road, Miami Beach, FL
33139 U.S.A.
(72)Name of Inventor :
1)RESNICK, Elizabeth;
2)RESNICK, Lionel;
3)RESNICK,Adam;

(57) Abstract :

Compositions and methods of treatment are disclosed using compositions of extracts from the fruit of the Synsepalum dulcificum tree, which when applied topically in mammals, can provide benefit for dermatological and joint conditions. The extracts also contain anti-inflammatory, antimicrobial and spermicidal activity in vitro.

No. of Pages : 76 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3070/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR H1N1 INFLUENZA

(51) International classification :C07K14/11,A61K39/145,A61K38/16
(31) Priority Document No :61/730186
(32) Priority Date :27/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072279
Filing Date :27/11/2013
(87) International Publication No :WO 2014/085616
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Thackeray and O'Hara Streets, Pittsburgh, PA 15260 U.S.A.
(72)Name of Inventor :
1)ROSS, Ted, M.
2)CARTER JR., Donald, M.
3)CREVAR ,Corey, J.

(57) Abstract :

Described herein is the generation of optimized H1N1 influenza HA polypeptides for eliciting a broadly reactive immune response to H1N1 influenza virus isolates. The optimized HA polypeptides were developed through a series of HA protein alignments , and subsequent generation of consensus sequences , based on selected H1N1 viruses isolated from 1918- 2012. Provided herein are optimized H1N1 HA polypeptides , and compositions , fusion proteins and VLPs comprising the HA polypeptides. Further provided are codon -optimized nucleic acid sequences encoding the HA polypeptides. Methods of eliciting an immune response against influenza virus in a subject are also provided by the present disclosure.

No. of Pages : 77 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3160/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INDEX CONFIGURATION FOR SEARCHABLE DATA IN NETWORK

(51) International classification :G06F12/16
(31) Priority Document No :13/650961
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064731
Filing Date :12/10/2013
(87) International Publication No :WO 2014/059394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GOLDBERG ,Jonathan ,Michael
2)HANDLER ,Jonathan, Blake
3)MAKHANI ,Asif Mansoor Ali
4)NWOKAH, Ekechi Karl Edozle

(57) Abstract :

An entity using a computing device can upload searchable data to a network service to be indexed and stored. The data can include a plurality of data fields , each data field having one or more associated values. The network service can analyze the data fields and their respectively associated values to determine data field types for the data fields and search options to be enabled for the data fields. Based at least in part on the data field types and the search options, the network service can generate a search index configuration/schema. Based at least in part on the generated search index configuration/schema, the network service can generate a search index for the data. In some embodiments , the network service can also convert the data into a format compatible with the search index.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3772/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METAL OXIDE FILM AND METHOD FOR FORMING METAL OXIDE FILM

(51) International classification :C23C14/08,C01B13/14,H01L21/336
(31) Priority Document No :2012245992
(32) Priority Date :08/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080062
Filing Date :30/10/2013
(87) International Publication No :WO 2014/073585
(61) Patent of Addition 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)HIROHASHI Takuya
3)TSUBUKU Masashi
4)ISHIHARA Noritaka
5)OTA Masashi

(57) Abstract :

A metal oxide film including a crystal part and having highly stable physical properties is provided. The size of the crystal part is less than or equal to 10 nm, which allows the observation of circumferentially arranged spots in a nanobeam electron diffraction pattern of the cross section of the metal oxide film when the measurement area is greater than or equal to 5 nm² and less than or equal to 10 μm².

No. of Pages : 81 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3773/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR SORTING SEEDS

(51) International classification	:B07C5/36
(31) Priority Document No	:61/750208
(32) Priority Date	:08/01/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2014/010366
Filing Date	:06/01/2014
(87) International Publication No	:WO 2014/109993
(61) Patent of Addition to Application Number	:NA
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)TOMLINSON William Lee

(57) Abstract :

A system and method are provided for separating seed or grain based on optical differences in the starch composition. A method for separating seed or grain based on optical differences in the starch composition includes receiving a seed group comprising a plurality of seeds. The method further includes illuminating each seed of the seed group from an illumination source disposed behind the seed such that the seed is back illuminated. The method further includes sorting each seed of the seed group based on the differences in the starch composition. In some cases the method includes sorting each seed by separating the seed group into the following groups: waxy seeds and non waxy seeds.

No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3082/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : LIQUID CONCENTRATED VITAMIN E COMPOSITIONS

(51) International classification :A23L1/302,A23L2/52,A23K1/16
(31) Priority Document No :12186371.6
(32) Priority Date :27/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070175
Filing Date :27/09/2013
(87) International Publication No :WO 2014/049112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)HUG, Denis;
2)BADOLATO BOENISCH, Gabriela;
3)VOELKER, KarlManfred;

(57) Abstract :

The present patent application relates to liquid concentrated vitamin E (and/or vitamin E derivatives) compositions. The liquid composition comprises vitamin E (and/or vitamin E derivatives) and at least 40 wt- % of at least one polyoxyethylene sorbitan monofatty acid ester and said liquid composition has an IU value of at least 0.30 IU/mg (based on the total weight of the liquid composition). Furthermore the present invention is related to the use of such compositions in liquid formulations (especially beverages such as soft drinks) , which are transparent (even after pasteurization).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3175/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PRODUCING TETRAKIS(FARYL)BORATE SALTS

(51) International classification	:C07F5/02
(31) Priority Document No	:61/730203
(32) Priority Date	:27/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/069177
Filing Date	:08/11/2013
(87) International Publication No	:WO 2014/085058
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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70801 1765 U.S.A.
(72)Name of Inventor :
1)MATHUR Rajeev S.
2)STRICKLER Jamie R.

(57) Abstract :

This invention provides processes for forming halomagnesium tetrakis(aryl)borates, which processes comprise bringing together, in an anhydrous liquid organic medium, at least one boron trihalide; at least one aryl Grignard reagent; and at least one copper compound. Also provided are processes for forming halomagnesium tetrakis(aryl)borates, which processes comprise bringing together, in an anhydrous liquid organic medium, at least one boron trihalide; at least one copper compound; magnesium metal; and at least one polyhaloaromatic compound.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3177/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH PERFORMANCE PACKAGING METHOD FOR PACKAGING IN PARTICULAR SMALL SIZED PRODUCTS AND HIGH PERFORMANCE PACKAGING DEVICE IN PARTICULAR FOR PERFORMING THE METHOD

(51) International classification :B65B25/00,B65B65/00,A23G7/00
(31) Priority Document No :10 2012 019 909.0
(32) Priority Date :11/10/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/002977
Filing Date :02/10/2013
(87) International Publication No :WO 2014/056589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Germany
(72)**Name of Inventor :**
1)F-RSTER Bodo
2)WEHNER Gert
3)OEHLERT Volker

(57) Abstract :

The invention relates to a high performance packaging method for packaging in particular small sized products preferably confectionary such as hard or small caramels pralines or similar and a high performance packaging device in particular for performing the method and a high performance packaging machine comprising such a packaging device. A plurality of product flows are fed preferably parallel through a packaging device which provides for packaging of preferably at least one product flow of products pertaining thereto in a continuous process. The invention further relates to a corresponding packaging machine and a packaging machine arrangement having a plurality of packaging machines.

No. of Pages : 28 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3767/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYMERIZABLE COMPOSITION OPTICAL MATERIAL AND MANUFACTURING METHOD FOR SAME

(51) International classification :C08G18/38,C08G18/20,G02C7/00
(31) Priority Document No :2012251913
(32) Priority Date :16/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080936
Filing Date :15/11/2013
(87) International Publication No :WO 2014/077369
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato
ku Tokyo 1057117 Japan
(72)Name of Inventor :
1)RYU Akinori
2)SUESUGI Kouji

(57) Abstract :

A polymerizable composition according to the present invention comprises: (A) an alicyclic isocyanate compound (a1) that is at least bi functional and/or an aliphatic isocyanate compound (a2) that is at least bi functional; (B) a thiol compound that is at least bi functional and that comprises at least one sulfide bond and/or at least one ester bond; and (C) an imidazole curing catalyst wherein 5ppm 3000ppm of the imidazole curing catalyst (C) is included relative to the total amount of the isocyanate compound (A) and the thiol compound (B).

No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3768/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR CLOUD PROCESSING AND OVERLAYING OF CONTENT ON STREAMING VIDEO FRAMES OF REMOTELY PROCESSED APPLICATIONS

(51) International classification :A63F13/40,A63F13/30,G06T19/00
(31) Priority Document No :61/727370
(32) Priority Date :16/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069947
Filing Date :13/11/2013
(87) International Publication No :WO 2014/078452
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SONY COMPUTER ENTERTAINMENT AMERICA LLC
Address of Applicant :2207 Bridgepointe Pkwy San Mateo CA 94404 U.S.A.
(72)Name of Inventor :
1)PERRY David
2)PEREIRA Rui Filipe Andrade
3)RIMON Noam

(57) Abstract :

A first application executes on one or more computing systems to generate a series of original frame pixel data sets for rendering of graphical images associated with the first application execution. A second application executes on one or more computing systems to detect one or more key graphical images present in the series of original frame pixel data sets. Upon detection of the one or more key graphical images the second application directs replacement of a portion of pixel data in the series of original frame pixel data sets with substitute pixel data so as to generate a series of modified frame pixel data sets for encoding in lieu of the series of original frame pixel data sets.

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3180/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : USER EQUIPMENT, BASE STATION AND METHOD FOR HANDOVER

(51) International classification :H04W36/30

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2012/086950

Filing Date :19/12/2012

(87) International Publication No :WO 2014/094256

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE -164 83, Stockholm Sweden

(72)Name of Inventor :

1)FAN, Rui

2)RAHMAN, Muhammad Imadur;

3)QIAN, Yu;

(57) Abstract :

The present disclosure relates to a method in a User Equipment (U E) for use in handover from its serving base station to a neighboring base station. The method includes: performing one or more downlink quality measurements of the neighboring base station on one or more downlink subframes in a TDD configuration of the neighboring base station to obtain a downlink quality measurement result; and transmitting said downlink quality measurement result to the serving base station for enabling the serving base station to determine whether to trigger the handover or not.

No. of Pages : 35 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3181/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TAKE- UP DEVICE FOR STRIP

(51) International classification	:B21C47/02,B21C47/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2012/080724
Filing Date	:28/11/2012
(87) International Publication No	:WO 2014/083632
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TOSHIBA MITSUBISHI ELECTRIC INDUSTRIAL SYSTEMS CORPORATION
Address of Applicant :3- 1- 1, Kyobashi,Chuo- ku ,Tokyo 104-0031 Japan
(72)**Name of Inventor :**
1)TACHIBANA Minoru

(57) Abstract :

A take -up device (2) is provided with: a hydraulic device (9); a pressure detecting device (11); a pressure calculation means (18); and a control means (22). The hydraulic device (9) is a device for expanding and contracting a mandrel (7). The pressure detecting device (11) detects the pressure of hydraulic fluid in the hydraulic device (9). The pressure calculation means (18) calculates the tightening pressure operating on the mandrel (7) on the basis of the pressure detected by the pressure detecting device (11). The control means (22) controls the hydraulic device (9). In addition the control means (22) carries out positioning control until the number of strip (3) windings reaches w3. The control means (22) carries out constant pressure control after the number of strip (3) windings reaches w3.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3182/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPOSITION

(51) International classification	:A23L1/035,B01F3/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CA2012/000857
Filing Date	:18/09/2012
(87) International Publication No	:WO 2014/043778
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Ontario N1H 6J3 Canada
(72)**Name of Inventor :**
1)MARANGONI ,Alejandro

(57) Abstract :

A product in the form of an oil in water emulsion is provided. The emulsion includes an oil phase which is an admixture of about 30-60% oil by weight, 0.01- 15% wax by weight and a surfactant component , a combination of non- ionic and ionic surfactant in a ratio of at least about 10:1 to 30:1; and an aqueous phase comprising about 30- 50% by weight of the emulsion. The product is useful as a fat substitute.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3781/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A HYDROELECTRIC TURBINE SYSTEM

(51) International classification	:E02D27/52
(31) Priority Document No	:12188579.2
(32) Priority Date	:15/10/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/071539
Filing Date	:15/10/2013
(87) International Publication No	:WO 2014/060421
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OPENHYDRO IP LIMITED

Address of Applicant :South Dock House Hanover Quay
Dublin 2 Ireland

(72)Name of Inventor :

1)IVES James

(57) Abstract :

According to the present invention there is provided a hydroelectric turbine system comprising a base comprising a frame and a plurality of legs extending from the frame the base being provided with one or more load bearing members in the form of outriggers extending from the base at a position adapted to resist in use overturning of the base in particular during extreme tidal conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3782/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MECHANICAL SEAL ARRANGEMENT HAVING AN IMPROVED SECONDARY SEAL

(51) International classification :F16J15/34
(31) Priority Document No :10 2012 022 465.6
(32) Priority Date :15/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/003353
Filing Date :07/11/2013
(87) International Publication No :WO 2014/075779
(61) Patent of Addition 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-SCHER Peter

3)FESL Andreas

4)HOLZAPFEL Thomas

5)LANG Klaus

6)LEDERER G¼nther

7)PHILIPPI Petia

8)SCHICKTANZ Rudolf

9)SCHRFER Andreas

10)VOGEL Berthold

(57) Abstract :

The invention relates to a mechanical seal arrangement comprising a rotatable sliding ring (2) a stationary sliding ring (3) and a secondary seal device (5) said secondary seal device (5) being in a single piece and comprising a secondary seal (51) and a ring element (52) of different materials and the ring element (52) being arranged on the secondary seal (51) on a side directed to the stationary sliding ring (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3783/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR MEASURING RADIATION INTENSITY OF SMALL SEALED RADIATION SOURCE FOR CANCER THERAPY

(51) International classification :G01T1/167,G01T7/00,A61N5/10
(31) Priority Document No :2012223836
(32) Priority Date :09/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005883
Filing Date :02/10/2013
(87) International Publication No :WO 2014/057631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SAKAMA Minoru
2)IKUSHIMA Hitoshi
3)YAMADA Takaharu
4)TAKAI Hisashi
5)ICHIRAKU Teruyoshi

(57) Abstract :

Provided is a device for measuring the radiation intensity of small sealed radiation sources for cancer therapy the device being capable of efficiently and rapidly measuring multiple cartridges. A device for measuring the radiation intensity of multiple radiation sources (S) when the multiple radiation sources (S) are filled in a seed cartridge (SC) of a cartridge (C) the device being provided with: a holding means (10) capable of holding multiple cartridges (C); a radiation intensity measuring means (30) for measuring the radiation intensity released from the multiple radiation sources (S); and a movement means (20) for drawing the radiation intensity measuring means (30) closer to and away from the holding means (10). The radiation intensity measuring means (30) comprises a sensor (31) for measuring the radiation intensity and a screening member (35) with a slit (35h) provided so as to limit the radiation irradiated on the sensor (31). The movement means (20) is configured so as to be capable in the measuring state of relatively moving the radiation intensity measuring means (30) along the directions that the multiple radiation sources (S) are arranged.

No. of Pages : 113 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3168/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PRODUCING A CONTACTLESS SMART CARD WITH A TRANSPARENT LOGO

(51) International classification :G06K19/077

(31) Priority Document No :1202671

(32) Priority Date :05/10/2012

(33) Name of priority country :France

(86) International Application No :PCT/FR2013/000262

Filing Date :07/10/2013

(87) International Publication No :WO 2014/053717

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Valbonne France

(72)Name of Inventor :

1)BENATO Pierre

(57) Abstract :

The invention concerns a contactless smart card 10 having several layers comprising an electronic chip fitted or embedded in the card the chip being connected to an antenna 22 printed on a support layer 20 two bodies of card on each side of said support each consisting of at least one layer of plastic material 40 and 60. According to the main features of the invention the antenna support is opaque and comprises a first cutout forming a recess 23 filled with a transparent plastic material and the layers of plastic material of the two bodies of card each comprise a second cutout forming two identical recesses 43 and 63 of which the edges overlap in such a way as to reveal a transparent area in the thickness of the card forming a transparent logo in the shape of the cutout. The invention also concerns the method of producing such a card.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3276/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A HAIR GROWTH FORMULATION

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition 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. Prabodh Shukla

3)Shashi Alok

4)Nitin Soni

5)Dr. A.K. Rai

(72)Name of Inventor :

1)Dr. Padmani Shukla

2)Dr. Prabodh Shukla

3)Shashi Alok

4)Nitin Soni

5)Dr. A.K. Rai

(57) Abstract :

The present invention relates to a synergistic hair growth formulation comprising oleic acid and wadelolactone. The use of formulation of instant invention shows significant efficacy when tested on albino rats. The formulation may also comprise of gelling agent and other acceptable additives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3277/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :13/11/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MINIATURE MCKIBBEN ACTUATOR

(51) International classification	:f15b	(71)Name of Applicant :
(31) Priority Document No	:14/228,252	1)THE BOEING COMPANY
(32) Priority Date	:28/03/2014	Address of Applicant :100 North Riverside Plaza, Chicago, IL
(33) Name of priority country	:U.S.A.	60606-2016, United States of America, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHRISTOPHER P. HENRY
(87) International Publication No	: NA	2)SLOAN P. SMITH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydraulic actuator includes a tubular bladder having first and second ends, an expandable and collapsible sleeve provided on the tubular bladder, a fluid inlet fitting provided in fluid communication with the tubular bladder and at least one mechanical connection provided along the tubular bladder. The hydraulic actuator may have flexibility and an overall diameter of less than about 5mm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3779/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VEHICULAR DRIVE APPARATUS

(51) International classification :F02D41/04,F02D29/00,F02D45/00
(31) Priority Document No :2012235365
(32) Priority Date :25/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/075756
Filing Date :24/09/2013
(87) International Publication No :WO 2014/065061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AISIN SEIKI KABUSHIKI KAISHA
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(72)Name of Inventor :
1)TAMARU Daisuke

(57) Abstract :

Provided is a vehicular drive apparatus such that the development of shock upon engagement of a manual clutch can be decreased in a manual clutch equipped vehicle. The apparatus includes: a clutch synchronized engine torque computing unit that computes a clutch synchronized engine torque on the basis of a clutch transmission torque; and an engine control unit that implements torque balance control by controlling an engine so as to achieve the clutch synchronized engine torque when the absolute value of a clutch differential rotational speed which is a differential rotational speed between an output shaft and a transmission input shaft during clutch synchronization is converged to or below a first prescribed differential rotational speed.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3780/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INPUT DEVICE

(51) International classification	:G06F3/02	(71)Name of Applicant :
(31) Priority Document No	:61/713728	1)SCHAFFER Mark
(32) Priority Date	:15/10/2012	Address of Applicant :196 Mt. Pleasant Avenue Rockaway NJ
(33) Name of priority country	:U.S.A.	07866 U.S.A.
(86) International Application No	:PCT/US2013/064502	(72)Name of Inventor :
Filing Date	:11/10/2013	1)SCHAFFER Mark
(87) International Publication No	:WO 2014/062497	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a data entry device featuring a novel way of touch typing on a small smart device using two or more opposing touchpad surfaces positioned around a display said surfaces comprising a housing. Bumps or other touch sensitive features are arrayed around the periphery of a digital display on the device. The bumps or other touch sensitive features provide both a locating means for finger placement and a zone for sensing the shift of a pressure point or sensing motion of the finger along the surface the shift or motion in a preferred direction indicating a selection from a displayed menu to be made by lifting the finger from contact. A novel way of holding the device by its wrist band or handle or strap while fingering the bumps leads to a fluid method of keying functionalities for use as a phone and as an internet enabled texting device.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3096/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING GAS FLOW FROM CYLINDERS

(51) International classification	:F17C13/00
(31) Priority Document No	:61/724588
(32) Priority Date	:09/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/066415
Filing Date	:23/10/2013
(87) International Publication No	:WO 2014/074313
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)FOWLER ,Zachary
2)GAMARD ,Stephan
3)GUNAY, Murat
4)OETINGER, Paul

(57) Abstract :

A device that can be attached to the outlet of a gas cylinder, which can monitor the amount of gas in the cylinder.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3196/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : 3 EPIMERASE

(51) International classification :C12P19/02,C12P19/24,C12N9/90

(31) Priority Document No :61/706338

(32) Priority Date :27/09/2012

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

(86) International Application No :PCT/GB2013/052531

Filing Date :27/09/2013

(87) International Publication No :WO 2014/049373

(61) Patent of Addition 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)TATE & LYLE TECHNOLOGY LIMITED

(72)Name of Inventor :

1)WOODYER, Ryan Daivd;

2)ARMENTROUT, Richard W;

(57) Abstract :

A protein comprising a polypeptide sequence having at least 70% sequence identity to SEQ ID NO:6, SEQ ID NO:2or SEQ ID NO:4. The protein hasketose 3- epimerase activity.

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3197/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR PROCESSING MUNICIPAL WASTE INTO BIO ETHANOL

(51) International classification :A61L2/07,A61L11/00,B09B3/00
(31) Priority Document No :1216517.1
(32) Priority Date :16/09/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052417
Filing Date :16/09/2013
(87) International Publication No :WO 2014/041373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HALL, Philip Lawrence Timothy Richard

(57) Abstract :

A process and apparatus for recycling municipal domestic waste comprises subjecting the waste to steam at 150°C 200°. After steam treatment, the resultant material is separated into constituent parts and biomass and/or plastics subjected to further treatment. The further treatment preferably produces bioethanol from the biomass and diesel from the plastics. As an alternative some or all of the biomass may be gasified in order to produce hydrogen which may , in turn be fed to a fuel cell to produce an electrical output. The bio diesel or bioalcohol can also be used to produce electricity.

No. of Pages : 26 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3198/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONVEYOR SYSTEM AND MEASURING DEVICE FOR DETERMINING WATER CONTENT OF A CONSTRUCTION MATERIAL

(51) International classification	:G01N23/12
(31) Priority Document No	:13/656918
(32) Priority Date	:22/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/054245
Filing Date	:09/08/2013
(87) International Publication No	:WO 2014/065930
(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)TROXLER, Robert,Ernest
(72)**Name of Inventor :**
1)DEP, W. ,H. Linus
2)TROXLER ,Robert ,Ernest

(57) Abstract :

A system is provided. The system includes a conveyor apparatus configured for conveying a material and a water content measurement system positioned about the conveyor apparatus for determining water content in the material. A dimension characteristic measurement system for detecting one or more dimension characteristics of the material is provided and a computer device is configured to manipulate data received from the water content measurement system and the dimension characteristic measurement system to determine a water content of the material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3199/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRANSFER STATION FOR FEEDING ELECTRICAL ENERGY AND WIND FARM HAVING SUCH A TRANSFER STATION

(51) International classification	:E04H5/04,H02B7/06	(71)Name of Applicant :
(31) Priority Document No	:10 2012 221 498.4	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:23/11/2012	Address of Applicant :Dreekamp 5, 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/074126	1)VAN DYK ,Holger
Filing Date	:19/11/2013	
(87) International Publication No	:WO 2014/079824	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a transfer station (1) for feeding locally provided electrical energy, in particular provided by a wind turbine , into an electrical power network. According to the invention , an enclosure (3) of the transfer station has a first walk -in- room (5) and a second room (11) connected to the outside world by means of an exhaust- air line, wherein the first room (5) and the second room (11) are connected to each other by means of a common opening the control unit (7) closes the common opening (13) , and a housing (10) of the control unit (7) is open in the region of the closure of the opening (13) and/or has a predetermined breaking point, which is designed to fail when an arc is produced inside the control unit (7).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3798/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD AND A MODULE FOR SHIFTING A CALL ESTABLISHED THROUGH A FIRST APPLICATION SERVER IN ORDER TO ROUTE IT THROUGH A SECOND APPLICATION SERVER

(51) International classification :H04M3/42,H04Q3/00
(31) Priority Document No :12306491.7
(32) Priority Date :30/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071946
Filing Date :21/10/2013
(87) International Publication No :WO 2014/082791
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Boulogne Billancourt France
(72)Name of Inventor :
1)ABOU CHAKRA Rabih
2)LEROY Jean François

(57) Abstract :

A method for shifting an original call established between a first user device (1) and at least a correspondent device (2) through a first application server (3) in order to route it through a second application server (4) the method comprising instructing the first application server (1) to forward the original call through the second application server (4) to the first user device (1) upon receiving the application server shift instruction the first application server being instructed to establish a three way conference communication between the first user device (1) the correspondent device (2) and the second application server (4) in order to forward the original call from the first application server (3) to the second application server (4); determining that an incoming call routed from the second application server (4) to the first user device (1) has an identification information matches identification information of the original call; causing the first user device (1) to pick up the incoming call routed from the second application server (4) to the first user device (1) and instructing to release the call branch between the first application server (3) and the first user device (1) upon determining that the identification information matches.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3111/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : 2- (ETHYLAMINO)ETHANOL PRODUCTION METHOD

(51) International classification :C07C213/00,C07C215/08,C07B61/00
(31) Priority Document No :2012229465
(32) Priority Date :17/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005875
Filing Date :02/10/2013
(87) International Publication No :WO 2014/061219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SHIMAZU Hidetaka
2)TAGATA Tsuyoshi

(57) Abstract :

The present invention relates to a 2- Λ (ethylamino)ethanol production method characterized by subjecting N- ethyldiethanolamine to a disproportionation reaction in the presence of at least one catalyst selected from a group consisting of a manganese oxide catalyst and an alkali metal hydroxide- supporting zirconium oxide catalyst. The present invention subjects N- ethyldiethanolamine to a disproportionation reaction in order to obtain 2 -(ethylamino)ethanol. 2 -(ethylamino)ethanol is a compound that is useful for various applications, such as medicines , agricultural chemicals , and functional chemicals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3209/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DISPLAY DEVICE

(51) International classification :G09F13/04,B60K35/00,G01D11/28
(31) Priority Document No :2012267576
(32) Priority Date :06/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005867
Filing Date :02/10/2013
(87) International Publication No :WO 2014/087564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DENSO CORPORATION
Address of Applicant :1 -1 ,Showa- cho, Kariya -city, Aichi
4488661 Japan
(72)Name of Inventor :
1)TERUAKI ARAKI

(57) Abstract :

A display device comprising: a plurality of light- emitting elements (112) provided to one surface (111a) side of a substrate (111); a display panel (115) having a plurality of light- transmitting units (115b) for transmitting light emitted from light- emitting units (112a), respectively in the plurality of light- emitting elements (112) , the display panel (115) being disposed so as to face the one surface (111a) of the substrate (111); and a light- blocking wall (116) disposed between the substrate (111) and the display panel (115) in a position corresponding to the space between mutually adjacent light -emitting elements (112). A gap (117) is present between the one surface (111a) of the substrate (111) and the distal end (116a) of the light- blocking wall (116) on the substrate (111) side. The light- emitting units (112a) are disposed nearer to the display panel (115) side than is the gap (117). Light can therefore be suppressed from leaking from the gap (117) formed between the substrate (111) and the light- blocking wall (116).

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.370/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF THIN SILVER NANOWIRES (TAGNWS)

(51) International classification	:B82Y	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS
(33) Name of priority country	:NA	SECTOR-125, NOIDA, UP, INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)A. B. V. KIRAN KUMAR
(87) International Publication No	: NA	2)MOHAN RAJA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for the synthesis of Thin Silver Nanowires (tAgNWs) The present invention relates to the low cost simple method for the synthesis of thin silver nanowires (tAGNWs) by wet chemical route in presence of cationic surfactants. The synthesized tAgNWs shows good aspect ratios and in the range of diameter 20-50 nm as well as the length in the range of 15- 20 Um. The synthesized silver nanowires have to be promising candidates in flexible electronics. The synthesized silver nanowires (tAgNWs) also exhibit unique properties like high conductivity and low-cost with respect to ITO.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3795/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TPL2 KINASE INHIBITORS FOR PREVENTING OR TREATING DIABETES AND FOR PROMOTING CELL SURVIVAL

(51) International classification :A61K31/00

(31) Priority Document No :12306321.6

(32) Priority Date :24/10/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/072314

Filing Date :24/10/2013

(87) International Publication No :WO 2014/064215

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)DALLE Stéphane

2)TANTI Jean Francois

3)WOJTUSCISZYN Anne

4)VARIN Elodie

(57) Abstract :

The present invention relates to the use of a Tpl2 kinase inhibitor for preventing treating diabetes and promoting cell survival and function in a number of applications.

No. of Pages : 75 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3796/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : GENE SIGNATURES OF INFLAMMATORY DISORDERS THAT RELATE TO THE LIVER

(51) International classification	:C12Q1/68
(31) Priority Document No	:12306286.1
(32) Priority Date	:17/10/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/071793
Filing Date	:17/10/2013
(87) International Publication No	:WO 2014/060555
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PICHAUD Matthieu
2)RIMBAUD Pierre
3)EHRlich Stanislav

(57) Abstract :

This invention is related to the area of characterization of inflammation in relation with the gut microbiota in metabolic and autoimmune disorders. In particular it relates to the identification of gene signatures which can be used as a marker predictive of inflammation associated diseases such as liver related metabolic disorders in particular to the evolution of benign steatosis towards its most severe forms (steatohepatitis and cirrhosis) or autoimmune disorders in particular inflammatory bowel diseases (Crohns and Ulcerative Colitis). These gene signatures can therefore be used as a means of diagnosis prognosis stratification for drug studies for monitoring patient and for assigning an appropriate treatment.

No. of Pages : 102 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3206/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FC GAMMA RECEPTOR IIB VARIANTS

(51) International classification :C07K14/735,A61K38/17
(31) Priority Document No :13/663527
(32) Priority Date :30/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/072741
Filing Date :30/10/2013
(87) International Publication No :WO 2014/068012
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TER MEER, Dominik
3)POHL ,Thomas
4)WINTER ,Reno
5)JACOB ,Uwe

(57) Abstract :

The present invention relates to a nucleic acid sequence which encodes a protein of SEQ ID NO: 1; a vector comprising said nucleic acid sequence and a host cell comprising said nucleic acid sequence or said vector. The present invention also relates to a protein obtained or obtainable by expression of said nucleic acid sequence or said vector in a host cell. Furthermore, the present invention relates to a protein encoded by a nucleic acid sequence of SEQ ID NO: 6. Additionally comprised by the present invention are pharmaceutical compositions and a method of manufacturing the same.

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3207/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : STEEL PIPE INSERTION WORK STEEL PIPE STRAIN DETECTION STRUCTURE

(51) International classification :G01D21/00,E02D17/20,G01B21/32
(31) Priority Document No :2012222198
(32) Priority Date :04/10/2012
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2013/076711
Filing Date :01/10/2013
(87) International Publication No :WO 2014/054642
(61) Patent of Addition 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)HIGUCHI, Kei

(57) Abstract :

A hollow sensor rod (5), which is alternately formed of narrow diameter parts (7) , and large diameter parts (8) which form a tiny gap with respect to the inner face of a cylindrical iron pipe (1), is inserted into the cylindrical iron pipe (1) , and both ends thereof are anchored in the cylindrical iron pipe (1). Strain gauges (13) are adhered to the outer circumference faces of the narrow diameter parts (7) of the sensor rod , the lead lines whereof being inserted in the sensor rod (5) from lead line insertion holes (7a) which are opened in the narrow diameter parts (7) said lead lines being extruded from the top part of the cylindrical iron pipe (1). If the cylindrical iron pipe (1) bends and deforms due to earth movement, the sensor rod (5) bends and deforms in line with the bending and deformation of the cylindrical iron pipe (1) by the effect of the large diameter parts (8) which form the tiny gap with respect to the inner face of the cylindrical iron pipe (1). In such a circumstance, strain arises in the outer circumference faces of the narrow diameter parts (7) which is greater than the outer circumference faces of the large diameter faces (8), and it is possible to sense bending and deformation of the cylindrical iron pipes (1) with high sensitivity by the strain gauges (13) which are adhered to the outer circumferences of the narrow diameter parts (7).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3802/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AUXILIARY DEVICE FOR MULTIMEDIA HEALTH AND SPORT EQUIPMENT

(51) International classification :A61B5/00,H04M1/02,H04M1/725
(31) Priority Document No :PV 2012 680
(32) Priority Date :05/10/2012
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CZ2013/000124
Filing Date :07/10/2013
(87) International Publication No :WO 2014/053106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KRANZ Vladimir

(57) Abstract :

The invention concerns functions of an auxiliary device to multimedia equipment. These functions can be a function of physiological data processing extended and/or uninterrupted operations with regard to monitored and processed data. Auxiliary functions are implemented by the auxiliary device and circuits solutions can be physically placed in the original equipment or out of it but mechanically and electrically connected by it it can form one compact unit. The parts which are necessary to be changed during operation to get uninterrupted functions are user friendly and simply exchangeable from users aspect. One example of an auxiliary device is an ECG measurment device incorporated into a replacable battery back of a mobile phone.

No. of Pages : 95 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3803/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VEHICLE WITH A DRIVING DEVICE THAT ENGAGES WHEN THE OPERATOR SITS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:A61H3/04,B60K28/04 :SE12007142 :22/11/2012 :Sweden :PCT/SE2013/000178 :19/11/2013 :WO 2014/081366 :NA :NA :NA :NA	(71)Name of Applicant : 1)EDLUND Kent Address of Applicant :Slingervgen 32 S 872 31 Kramfors Sweden (72)Name of Inventor : 1)EDLUND Kent
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(57) Abstract :

The present invention relates to a vehicle (1) intended for use in the transportation of at least one person comprised of at least one frame (2) at least one steering device (3) at least one seating device (25) at least one driving device (4) and at least one control device (5) for engagement and disengagement of the driving force of the vehicle. A unique feature of the present invention is that the control device (5) for the engagement and disengagement of the driving device (4) consists of the vehicle s seating device (25) and that the driving device (4) is engaged when the person sits on the seating device (25) and is disengaged when the person stands up from the seating device (25).

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3217/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PERSONAL BIOSENSOR ACCESSORY ATTACHMENT

(51) International classification :A61B5/0404,A61B5/04,A61B5/08
(31) Priority Document No :61/731348
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069743
Filing Date :12/11/2013
(87) International Publication No :WO 2014/085082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHUANG ,Cheng- I

(57) Abstract :

Techniques for providing a personal biosensor accessory attachment are disclosed. In some embodiments , a personal biosensor accessory attachment system is disclosed. In some embodiments, a personal biosensor accessory attachment system includes a biosensor for detecting a bio- signal; and a personal biosensor device that is adapted to securely hold the biosensor , in which the personal biosensor device can be adapted to be mechanically secured to a plurality of computing devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3218/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : USE OF CRY1EA IN COMBINATIONS FOR MANAGEMENT OF RESISTANT FALL ARMYWORM INSECTS

(51) International classification :A01H1/00,A01H5/00,A01P7/00
(31) Priority Document No :61/710154
(32) Priority Date :05/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2013/063485
Filing Date :04/10/2013
(87) International Publication No :WO 2014/055881
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SHEETS, Joel, J.
2)NARVA ,Kenneth, E.
3)BURTON, Stephanie
4)CALDWELL, Elizabeth, A.

(57) Abstract :

The subject invention includes methods and plants for controlling fall army worm lepidopteran insects, said plants comprising a CryIEa insecticidal protein and a second insecticidal protein selected from the group of CryIAb , CryIBe , CryICa CryIDa , and Vip3Ab to delay or prevent development of resistance by the insects.

No. of Pages : 71 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3219/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LAQUINIMOD AND PRIDOPIDINE FOR TREATING NEURODEGENERATIVE DISORDERS

(51) International classification :A61P25/00,A61P25/18,A61P25/28
(31) Priority Document No :61/706695
(32) Priority Date :27/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062482
Filing Date :27/09/2013
(87) International Publication No :WO 2014/052933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TEVA PHARMACEUTICAL INDUSTRIES LTD.
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Petach Tikva Israel
(72)Name of Inventor :
1)HAYDEN ,Michael
2)BAR -ZOHAR, Dan

(57) Abstract :

This invention provides a method of treating a patient afflicted with a neurodegenerative disorder , e.g., Huntington s disease (HD), comprising administering to the patient laquinimod as an add- on therapy to or in combination with pridopidine. This invention also provides a package and a pharmaceutical composition comprising laquinimod and pridopidine for treating a patient afflicted with a neurodegenerative disorder , e.g. , HD. This invention also provides laquinimod for use as an add- on therapy or in combination with pridopidine in treating a patient afflicted with a neurodegenerative disorder , e.g., HD. This invention further provides use of laquinimod and pridopidine in the preparation of a combination for treating a patient afflicted with a neurodegenerative disorder, e.g., HD.

No. of Pages : 54 No. of Claims : 176

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3710/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED BI-FUNCTIONAL PEN

(51) International classification	:B43K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RADHESHYAM CHOUDHURY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved pen in which a pen and pencil are together in a single product. Pencil holder is available inside the pen at the other end and has atleast 5 to 6 needle holding capacity. The pen part is movable in the circular direction for opening and closing the ball point tip. The pencil part is opened or closed by the pushing the clip. Pen and pencil can be easily separated from each other as per the requirement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3812/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR CAPTURING AND CONSTRUCTING A STREAM OF PANORAMIC OR STEREOSCOPIC IMAGES

(51) International classification	:H04N5/232,G06T3/40
(31) Priority Document No	:1260880
(32) Priority Date	:15/11/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/052707
Filing Date	:12/11/2013
(87) International Publication No	:WO 2014/076402
(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)OLLIER Richard

(57) Abstract :

In order to capture and construct a stream of panoramic or stereoscopic images of a scene a plurality of consecutive operations of capturing using an imaging device (C) at least two different images of the scene in the form of pixels and with or without overlap between the images is carried out the consecutive image capture operations being paced at a frequency (F) that defines a capture duration (T) between the start of two consecutive capture operations. For each capture operation (a) the pixels of each captured image are digitally processed in order to form a final panoramic or stereoscopic image from said pixels the processing duration being no longer than said capture duration (T); and (b) a previously formed final panoramic or stereoscopic image is generated within a duration that is no longer than said capture duration (T). The digital processing (a) of each pixel of each captured image consists of at least keeping or abandoning said pixel and if the pixel is kept assigning said pixel one or more positions in the final panoramic or stereoscopic image a weighting coefficient (W) being predefined for each position in the final panoramic or stereoscopic image.

No. of Pages : 61 No. of Claims : 134

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3128/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FACILITATING MOBILE DEVICE PAYMENTS USING PRODUCT CODE SCANNING TO ENABLE SELF CHECKOUT

(51) International classification	:G06Q30/06
(31) Priority Document No	:13/623944
(32) Priority Date	:21/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2013/058161
Filing Date	:30/08/2013
(87) International Publication No	:WO 2014/045145
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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California 94920 U.S.A.

2)ZHOU Dylan

3)ZHOU Andrew

(72)Name of Inventor :

1)ZHOU Tiger

2)ZHOU Dylan

3)ZHOU Andrew

(57) Abstract :

Provided are computer implemented methods and systems for facilitating mobile device payments using product scanning and wireless communication functionality of mobile devices. Using a mobile device a customer may read product codes and receive product information, which may include a product price , a manufacture date , a manufacturing country , a quantity of products. When reading the product codes ,the customer may be also provided with promotional offers and advertising material from a merchant a mobile payment service provider, or a third party. Upon reading the product codes , the reading may be stored in a list on the mobile device. The user may further send a request to calculate a total price of the products read by the mobile device. The total price may be encoded in a code scannable by a merchant scanning device.

No. of Pages : 29 No. of Claims : 42

(54) Title of the invention : HYDRAULIC APPARATUS HAVING AN IMPROVED STRUCTURE FOR THE CYLINDER IMPLEMENTATION THEREOF

(51) International classification :F04B1/107,F04B49/02,F03C1/247
 (31) Priority Document No :1259193
 (32) Priority Date :28/09/2012
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2013/069523
 Filing Date :19/09/2013
 (87) International Publication No :WO 2014/048842
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)POCLAIN HYDRAULICS INDUSTRIE
 Address of Applicant :Route de Compi"gne, F- 60410 Verberie France
 (72)Name of Inventor :
1)VIDAL, Stphane
2)DESUMEUR ,Herv
3)HEREN ,Jean
4)RECOURA ,Clment
5)LEMAIRE, Gilles

(57) Abstract :

The invention relates to a hydraulic apparatus (1) including: a casing (6) defining a first assembly; a shaft (2) defining a second assembly; said first and second assemblies being freely rotatable relative to one another; a multi -lobe cam (3) rotatably connected to one of said first or second assembly; a dispenser (51) and a dispenser cover (52); a cylinder block (4) mounted such as to be freely rotatable relative to said first and second assemblies and including a means for rotatably engaging relative to the other of said assemblies , characterized in that the hydraulic apparatus (1) includes a return means for moving the cylinder block (4) in order to rotatably disengage same from said first or second assembly, and in that the dispenser (5) is configured, when applying pressure , to rotatably engage the cylinder block (4) relative to the other of said first or second assembly.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3228/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RECOVERY OF VANADIUM FROM PETROLEUM COKE SLURRY CONTAINING SOLUBILIZED BASE METALS

(51) International classification :C22B34/22

(31) Priority Document No :13/784325

(32) Priority Date :04/03/2013

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

(86) International Application No :PCT/US2013/070725

Filing Date :19/11/2013

(87) International Publication No :WO 2014/137419

(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)CHEVRON U.S.A. INC.

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(72)Name of Inventor :

1)BHADURI, Rahul, Shankar

2)ZESTAR, Lawrence Paul;

(57) Abstract :

A method for recovering vanadium from a spent slurry catalyst for hydrocarbon oil hydroprocessing is disclosed. In one embodiment after de oiling the spent catalyst is treated with ammonia and air forming a leach slurry. The leach slurry is subsequently treated with a flocculant. After solid liquid separation to recover the solid residue containing coke and ammonium metavanadate the solid residue is washed with an ammonium sulfate solution and leached with hot water. After solid liquid separation to recover a solution containing ammonium metavanadate the ammonium metavanadate is crystallized and purified from the leach solution.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3229/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANTIGENS ASSOCIATED WITH INFLAMMATORY BOWEL DISEASE

(51) International classification :A61K38/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2012/058574
Filing Date :03/10/2012

(87) International Publication No :WO 2014/055073

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

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

(71)Name of Applicant :

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(72)Name of Inventor :

1)NERI ,Giovanni

2)SCHWAGER ,Kathrin

3)RUZEK, Melanie

4)OHARA, Denise

5)CHEN ,Jianqing

(57) Abstract :

Specific binding members that bind the ED- A isoform of fibronectin for use in methods of treatment, diagnosis , detection and/or imaging of inflammatory bowel disease (IBD), and/or for use in delivery to the IBD tissue of a molecule conjugated to the specific binding member. The specific binding member may , for example , be conjugated to an immunosuppressive or anti- inflammatory molecule, such as interleukin -10.

No. of Pages : 74 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3815/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS OF INTEGRATING ALUMINOXANE PRODUCTION INTO CATALYST PRODUCTION

(51) International classification :C07F5/06,C08F10/00,B01J31/14
(31) Priority Document No :61/746761
(32) Priority Date :28/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076461
Filing Date :19/12/2013
(87) International Publication No :WO 2014/105614
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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TX 77056 U.S.A.
(72)Name of Inventor :
1)FORCE Randall L.
2)LYNN Timothy R.
3)AWE Michael D.

(57) Abstract :

Methods for integrating aluminosilane production into catalyst production are disclosed.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2207/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS TO SECURE DATABASE USING PKI

(51) International classification	:H04L9/08, H04L9/30, H04L9/32	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DIVYA UPADHYAY
(33) Name of priority country	:NA	2)MISHA KAKKAR
(86) International Application No	:NA	3)SHANU SHARMA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to developing a more secure database management system. This invention uses the concept of Public Key Infrastructure to provide security to the database. This Database-PKI (Public Key Infrastructure) process provides a mechanism to assign digital certificates to its user according to their designation1 level in the organization. The system uses the PKI to provide access to different queries to different users according to their domain. This process can also identify the list of queries attached long with the domain identifier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/DELNP/2015 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL A47 PEPTIDE DIMER ANTAGONISTS

(51) International classification :C07K7/08,A61K38/10,A61P1/00
(31) Priority Document No :61/712722
(32) Priority Date :11/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064439
Filing Date :11/10/2013
(87) International Publication No :WO 2014/059213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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3)PATEL, Dinesh V.
4)MATTHEAKIS, Larry C.
(72)Name of Inventor :
1)BHANDARI, Ashok
2)PATEL, Dinesh V.
3)MATTHEAKIS, Larry C.

(57) Abstract :

The invention relates to disulfide- rich dimer molecules which inhibit binding of a47 to the mucosal addressin cell adhesion molecule (MAdCAM) in vivo , and show high selectivity against a41 binding.

No. of Pages : 48 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3130/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR FLUID CATALYTIC CRACKING OLIGOMERATE

(51) International classification:C07C11/06,C10G11/18,C07C4/06

(31) Priority Document No :61/725315

(32) Priority Date :12/11/2012

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

(86) International Application
No :PCT/US2013/069201

Filing Date :08/11/2013

(87) International Publication
No :WO 2014/074856

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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5017, Des Plaines, Illinois 60017- 5017 U.S.A.

(72)Name of Inventor :

1)NICHOLAS ,Christopher, P.

2)FREET ,Christian, D.

3)VANDEN, BUSSCHE, Kurt, M.

4)KRUSE, Todd, M.

(57) Abstract :

Distillate cracks to propylene more readily than VGO. Additionally less branched hydrocarbons crack to propylene more readily than more branched hydrocarbons. Oligomerization to diesel range oligomers followed by catalytic cracking with less branched oligomers can provide more propylene.

No. of Pages : 69 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3132/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ORAL FORMULATIONS OF ANGIOTENSIN

(51) International classification :A61K9/20,A61K38/08,A61K47/12
(31) Priority Document No :61/701972
(32) Priority Date :17/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060139
Filing Date :17/09/2013
(87) International Publication No :WO 2014/043693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TARIX PHARMACEUTICALS LTD.
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Massachusetts 02138 U.S.A.
(72)Name of Inventor :
1)FRANKLIN, Richard
2)STERN ,William
3)VRYHOF ,Austin

(57) Abstract :

The present invention provides various formulations for oral delivery of angiotensin peptides.

No. of Pages : 66 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/04/2015

(21) Application No.3133/DELNP/2015 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD OF SYNTHESIZING THYROID HORMONE ANALOGS AND POLYMORPHS THEREOF

(51) International classification :C07D237/16,A61K31/50,A61P3/00
(31) Priority Document No :61/702137
(32) Priority Date :17/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060177
Filing Date :17/09/2013
(87) International Publication No :WO 2014/043706
(61) Patent of Addition 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)DUGUID ,Robert, J.
3)KELLY ,Martha
4)CHASNOFF, Anna
5)DONG, Gang
6)CROW ,Edwin, L.
7)TAUB ,Rebecca
8)REYNOLDS ,Charles, H.
9)CHOI, Duk, Soon
10)SHU ,Lianhe
11)WANG, Ping

(57) Abstract :

The disclosure describes methods of synthesis of pyridazinone compounds as thyroid hormone analogs and their prodrugs. Preferred methods according to the disclosure allow for large- scale preparation of pyridazinone compounds having high purity. In some embodiments , preferred methods according to the disclosure also allow for the preparation of pyridazinone compounds in better yield than previously used methods for preparing such compounds. Also disclosed are morphic forms of a pyridazinone compound. Further disclosed is a method for treating resistance to thyroid hormone in a subject having at least one TRP mutation.

No. of Pages : 85 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3230/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND SYSTEMS OF PROVIDING INFORMATION USING A NAVIGATION APPARATUS

(51) International classification	:G01C21/36
(31) Priority Document No	:1218680.5
(32) Priority Date	:17/10/2012
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2013/071794
Filing Date	:17/10/2013
(87) International Publication No	:WO 2014/060556
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN DOK, Cornelis Klaas
2)GOVERTS, Sijtse Thomas

(57) Abstract :

A method of providing information relating to a path being travelled using a navigation apparatus, involves displaying a path bar including a linear representation of at least a portion of a path to be travelled using a navigation apparatus. The linear representation of the portion of the path is scrollable in the display window by a user to reveal a linear representation of another portion of the path. The method may involve automatically increasing a scale of the linear representation of the path displayed as a given location represented along the path is approached, wherein the location is a location of a safety camera or event affecting traffic flow along the path.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3822/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD FOR CODING A SEQUENCE OF DIGITAL IMAGES

(51) International classification	:H04N7/26,H04N7/34	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :Wittelsbacherplatz 2 80333 M ^u nchen
(33) Name of priority country	:NA	Germany
(86) International Application No	:PCT/EP2012/075988	(72)Name of Inventor :
Filing Date	:18/12/2012	1)WIGE Eugen
(87) International Publication No	:WO 2014/094829	2)AMON Peter
(61) Patent of Addition to Application	:NA	3)KAUP Andr
Number	:NA	4)HUTTER Andreas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention refers to a method for coding a sequence of digital images (I) wherein the method uses a number of prediction modes for predicting values of pixels (P1) in the images (I) based on reconstructed values of pixels in image areas processed previously where a prediction error (PE) between predicted values and the original values of pixels (P1) is processed for generating the coded sequence of digital images (CI). The invention is characterized in that a preset prediction mode (NLM) is an intra prediction mode based on pixels of a single image (I) in which preset prediction mode (NLM). In a step i) for a region (R) of pixels with reconstructed values in the single image (I) and for a template (TE) of an image area a first patch (PA1) of pixels in the region (R) which surround a first pixel (P1) to be predicted based on the template (TE) is compared with several second patches (PA2) each second patch (PA2) being assigned to a second pixel (P2) in the region (R) and consisting of pixels in the region (R) which surround the second pixel (P2) based on the template (TE) thereby determining a similarity measure (SM) for each second pixel (P2) describing the similarity between reconstructed values of the pixels of the second patch (PA2) assigned to the respective second pixel (P2) and the reconstructed values of the pixels of the first patch (PA1). In a step ii) a predicted value of each first pixel (P1) is determined based on a weighted sum of values of the second pixels (P2) where the value of each second pixel (P2) is weighted by a weighting factor which is monotonously decreasing in dependency on a decreasing similarity described by the similarity measure (SM) for the respective second pixel (P2).

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3137/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : OPTICAL TROCAR VISUALIZATION SYSTEM AND APPARATUS

(51) International classification	:A61B17/34,A61M39/06	(71)Name of Applicant :
(31) Priority Document No	:61/707271	1)COVIDIEN LP
(32) Priority Date	:28/09/2012	Address of Applicant :15 Hampshire Street, Mansfield, MA
(33) Name of priority country	:U.S.A.	02048 U.S.A.
(86) International Application No	:PCT/US2013/061831	(72)Name of Inventor :
Filing Date	:26/09/2013	1)HOLSTEN, Henry
(87) International Publication No	:WO 2014/052532	2)SMITH, Robert
(61) Patent of Addition to Application	:NA	3)EVANS ,Christopher
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A seal assembly including a septum seal, a lower seal support, an upper seal support and a return spring is disclosed. The septum seal includes an orifice and a plurality of apertures. The lower seal support includes an engagement surface configured to engage a portion of the septum seal. The upper seal support includes a plurality of fingers , wherein each of the plurality of fingers is configured to extend through a corresponding aperture of the septum seal. The return spring includes a collar portion and a plurality of spokes extending radially outward from the collar portion. At least a portion of the return spring may be sandwiched between the lower seal support and the upper seal support. The plurality of spokes is configured to bias the seal assembly toward a radial center of a housing.

No. of Pages : 61 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3232/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SHAVING SYSTEMS

(51) International classification :B26B21/40,B26B21/52,B26B21/22
(31) Priority Document No :61/706523
(32) Priority Date :27/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052095
Filing Date :25/07/2013
(87) International Publication No :WO 2014/051841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GRIFFIN, John, W.;
2)PROVOST, Craig, A.;
3)TUCKER, William, E.;

(57) Abstract :

Shaving assemblies are disclosed that include a blade unit , an interface element configured to connect the blade unit to a handle, on which the blade unit is pivotably mounted , and an return element disposed between the blade unit and interface element. The return element serves as interface piece , connector and pivot all in one. Shaving systems including such shaving assemblies are also disclosed , as are methods of using such shaving systems.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3234/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : STORAGE CONTAINER

(51) International classification :B65D83/08,A47K7/00
(31) Priority Document No :2012211558
(32) Priority Date :25/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005684
Filing Date :25/09/2013
(87) International Publication No :WO 2014/050096
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WADA, Kiyoshi
2)IWASAKI ,Terutaka
3)BANDO, Kenji
4)UEDA ,Takahiro

(57) Abstract :

Provided is a storage container configured so that, even if the number of sheet materials stored therein decreases ,the sheet materials can be easily extracted from the extraction opening. A storage container (1) for storing sheet materials comprises: a container body (2) having a top plate section (3) in which an extraction opening (4) through which the sheet materials are extracted is formed , and also having an opening section which is formed at a position facing the top plate section (3); and a bottom lid (6) comprising a resinous formed product , the bottom lid (6) being removably attached to the container body (2) and closing the opening section of the container body (2). The bottom lid (6) includes a flat plate section (55) and an extendable and retractable section (58) which is capable of deforming from a first state in which the extendable and retractable section (58) protrudes from the flat plate section (55) into the container body (2) to a first height , to a second state in which the extendable and retractable section (58) protrudes from the flat plate section (55) into the container body (2) to a second height which is greater than the first height.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3235/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL HISTONE DEACETYLASE INHIBITORS AND THEIR USE IN THERAPY

(51) International classification :C07D401/12,A61K31/4439,A61P35/00
(31) Priority Document No :1220029.1
(32) Priority Date :07/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052917
Filing Date :06/11/2013
(87) International Publication No :WO 2014/072714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TOMASSI, Cyrille Davy
3)CECIL ,Alexander Richard Liam
4)MACCORMICK ,Somhairle
5)NODES ,William John
6)SILVA ,Franck Alexandre

(57) Abstract :

A compound of the formula:(I) or a pharmaceutically acceptable salt thereof, wherein: L is a 5- membered nitrogen- containing heteroaryl which is optionally fused to a benzene; Y is a 5 , 6 or 7- membered nitrogen -containing heteroaryl , which is optionally fused to a benzene; and W is a zinc- binding group. The compounds are HDAC inhibitors and therefore have potential utility in therapy.

No. of Pages : 85 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3826/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRUG MONITORING AND REGULATION SYSTEMS AND METHODS

(51) International classification :A61J7/04,G01N33/49,G01N33/15

(31) Priority Document No :61/717609

(32) Priority Date :23/10/2012

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

(86) International Application No :PCT/US2013/066238

Filing Date :22/10/2013

(87) International Publication No :WO 2014/066428

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THERANOS INC.

Address of Applicant :1701 Page Mill Road Palo Alto CA 94304 U.S.A.

(72)Name of Inventor :

1)HOLMES Elizabeth

(57) Abstract :

Systems and methods for monitoring and regulating the concentration of a drug in a subject are provided. A method may include administering to a subject a first dose of a pharmaceutical composition at a first time point. Next a concentration of an active ingredient of the pharmaceutical composition or a metabolite thereof or a biological marker indicative of the concentration of the pharmaceutical composition in the subject may be determined from a biological sample of the subject with the aid of a point of care system. A second dose of the pharmaceutical composition may be administered to the subject at a second time point. The second dose and/or the interval between the first and second time points may be determined based on the concentration of the pharmaceutical composition in the subject.

No. of Pages : 49 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3113/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TAZOBACTAM ARGININE ANTIBIOTIC COMPOSITIONS

(51) International classification :A61K31/546,A61K31/431,A61K9/19
(31) Priority Document No :61/706399
(32) Priority Date :27/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062256
Filing Date :27/09/2013
(87) International Publication No :WO 2014/052799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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02421 U.S.A.
(72)Name of Inventor :
1)LAI, Jan-Ji;
2)GU, Jian-Qiao;
3)PATHARE, Pradip, M.;
4)JURKAUSKAS,Valdas;
5)TERRACCIANO, Joseph;
6)MILLER DAMOUR, Nicole;

(57) Abstract :

This disclosure provides compositions comprising a beta - lactam compound and crystalline tazobactam arginine , and related methods and uses of these compositions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3114/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRUG SUBSTANCE PREPARATIONS ,PHARMACEUTICAL COMPOSITIONS AND DOSAGE FORMS COMPRISING S- (+)- FLURBIPROFEN

(51) International classification :A61K31/192,C07B57/00,C07C51/42
(31) Priority Document No :1216893.6
(32) Priority Date :21/09/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052464
Filing Date :20/09/2013
(87) International Publication No :WO 2014/045046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AESICA PHARMACEUTICALS LIMITED
Address of Applicant :Q5, Quorum Business Park, Benton Lane, Newcastle upon Tyne, NE12 8BS U.K.
(72)**Name of Inventor :**
1)RAYMOND, Alan Michael
2)RHODES, Barrie

(57) Abstract :

There is described (S)- (+)- 2- (2- fluoro- 4- biphenyl) propionic acid, or a salt or ester thereof, having substantially limited amounts of specific impurities associated with the synthesis and purification of the (S)- (+) -2 -(2- fluoro- 4- biphenyl) propionic acid.

No. of Pages : 78 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3115/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FACILITATING MOBILE DEVICE PAYMENTS USING MOBILE PAYMENT ACCOUNT , MOBILE BARCODE AND UNIVERSAL DIGITAL MOBILE CURRENCY

(51) International classification	:G06Q20/32
(31) Priority Document No	:13/620775
(32) Priority Date	:15/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2013/058164
Filing Date	:30/08/2013
(87) International Publication No	:WO 2014/041458
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZHOU, Andrew

Address of Applicant :One Blackfield, Suite 416, Tiburon ,California 94920 U.S.A.

2)ZHOU, Tiger

3)ZHOU, Dylan

(72)Name of Inventor :

1)ZHOU, Andrew

2)ZHOU ,Tiger

3)ZHOU ,Dylan

(57) Abstract :

Provided are computer implemented methods and systems for facilitating mobile device payments using a mobile payment account. When a user is ready to tender a payment to a merchant, instead of using a credit card , cash, or check, the user activates on his mobile device an application associated with a mobile payment account of the user. The mobile payment account is associated with user information and with a mobile payment service provider. The mobile device generates a payment barcode that encodes data of the mobile payment account and displays the payment barcode on a display. After scanning the displayed barcode by a barcode scanner of the merchant, the mobile payment account of the user may be charged.

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

(54) Title of the invention : ENDOVASCULAR PROSTHESIS AND METHOD FOR DELIVERY OF AN ENDOVASCULAR PROSTHESIS

(51) International classification	:A61F2/06,A61F2/954	(71) Name of Applicant :
(31) Priority Document No	:61/795958	1)EVYSIO MEDICAL DEVICES ULC
(32) Priority Date	:31/10/2012	Address of Applicant :107 -1099 8th Avenue, Vancouver,
(33) Name of priority country	:U.S.A.	British Columbia V6H 1C3 Canada
(86) International Application No	:PCT/CA2013/000921	(72) Name of Inventor :
Filing Date	:31/10/2013	1)TIPPETT, Jonathan G.
(87) International Publication No	:WO 2014/066982	2)FUNG, Eric Soun- Sang
(61) Patent of Addition to Application Number	:NA	3)RICCI ,Donald R.
Filing Date	:NA	4)PENN, Ian M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an endovascular prosthesis. The endovascular prosthesis comprises a first expandable portion expandable from a first, unexpanded state to a second, expanded state to urge the first expandable portion against a vascular lumen and a retractable leaf portion attached to the first expandable portion. The retractable leaf portion comprises at least one spine portion and a plurality of rib portions attached to the spine portion. In one preferred embodiment of the present endovascular prosthesis, the retractable leaf portion is configured such that a pair of ribs attached on opposite sides of a longitudinally straightened configuration of the spine portion in a plane of view normal to a central axis of the prosthesis defines a shape, in two dimensions, that is substantially non-circular. In another preferred embodiment of the present endovascular prosthesis, the retractable leaf portion is configured such that a pair of ribs attached on opposite sides of a longitudinally straightened configuration of the spine portion in a plane of view normal to a central axis of the prosthesis defines a shape, in two dimensions, through which one straight line can be translated from one side to the other side of the shape so as to traverse the shape only once at every point along the shape. The rib portions of the present endovascular prosthesis can be designed so as to provide an improved rotational range of proper placement of the prosthesis with respect to the opening of the aneurysm. In a preferred

No. of Pages : 67 No. of Claims : 143

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3829/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DISPERSION STABILIZER FOR SUSPENSION POLYMERIZATION AND METHOD FOR PRODUCING VINYL RESIN USING SAME

(51) International classification :C08F261/04,C08F2/20,C08L29/04
(31) Priority Document No :2012244018
(32) Priority Date :05/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079675
Filing Date :01/11/2013
(87) International Publication No :WO 2014/069616
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KURARAY CO. LTD.
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7100801 Japan
(72)Name of Inventor :
1)FUKUHARA Tadahito
2)KUMAKI Yousuke

(57) Abstract :

A dispersion stabilizer for suspension polymerization of vinyl compounds which is composed of an aqueous emulsion. The aqueous emulsion contains a solid content that contains (A) a polyvinyl alcohol (B) a polyvinyl ester and (C) a graft polymer that is obtained by graft polymerizing a vinyl ester monomer to a polyvinyl alcohol. The amount of the polyvinyl alcohol (A) relative to the total amount of the components (A) (B) and (C) is 0.1 18% by mass and the amount of the graft polymer (C) relative to the total amount of the components (A) (B) and (C) is 7 80% by mass. The weight average molecular weight of the solid content as determined by gel permeation chromatography is 1 100 000 or less. This dispersion stabilizer for suspension polymerization has excellent polymerization stability and excellent handleability. In addition a vinyl resin which is obtained using this dispersion stabilizer for suspension polymerization has good plasticizer absorbency.

No. of Pages : 47 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3120/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BEARING ASSEMBLY

(51) International classification :F16C33/04,F16C33/08
(31) Priority Document No :61/708002
(32) Priority Date :30/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062726
Filing Date :30/09/2013
(87) International Publication No :WO 2014/052976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HAGAN, Timothy J.;

2)SANCHEZ, Abe;

3)GRAHAM, Brian, T.;

(57) Abstract :

A bearing device is disclosed and can include a bushing. The bushing can include a hollow body that can have an internal diameter , IDHB, and proximal ends and distal ends opposite each other. The bushing can also include a first bushing flange extending radially outwardly from the proximal end of the body and an axial extension extending from the distal end of the hollow body. The axial extension is deformable so as to form a second bushing flange extending radially outwardly from the distal and of the hollow body. The axial extension can have an internal diameter , ID AE, IDHB

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3214/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONTROL SYSTEMS FOR UNMANNED VEHICLES

(51) International classification :G05D1/00,G06F21/00
(31) Priority Document No :1219162.3
(32) Priority Date :25/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052754
Filing Date :22/10/2013
(87) International Publication No :WO 2014/064435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAE SYSTEMS PLC
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U.K.
(72)**Name of Inventor :**
1)CULLEN ,Alan ,Manuel
2)COLOSIMO, Nicholas, Giacomo, Robert

(57) Abstract :

A control system (100) for an unmanned vehicle (10) includes a control processing unit (102) which receives input signals from one or more sensors (101) and supplies output signals to one or more actuators (103). Processing modules (110) are divided into a plurality of successively linked stages (120). In a first stage (120A) , multiple processing modules (110) produce substantially equivalent payload data when operating correctly. Message cryptography units (140) generate cryptographically signed messages (800) containing the payload data. In a second stage , a voting cryptography unit (130) receives and examines the cryptographically signed messages , and applies voting logic to derive a validated payload data for use by the respective processing module (120) of the second stage. A control method is also described.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3215/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PRESSURE SENSITIVE ADHESIVES INCLUDING EXPANDABLE GRAPHITE

(51) International classification :B32B25/02,C09J7/02,C09J7/04

(31) Priority Document No :61/723354

(32) Priority Date :07/11/2012

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

(86) International Application No :PCT/US2013/068902

Filing Date :07/11/2013

(87) International Publication No :WO 2014/074689

(61) Patent of Addition to :NA

Application Number :NA

Filing Date

(62) Divisional to Application :NA

Number :NA

Filing Date

(71)Name of Applicant :

1)FIRESTONE BUILDING PRODUCTS CO. LLC

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Indiana 46260 U.S.A.

(72)Name of Inventor :

1)ZHOU, Wensheng

2)HUBBARD, Michael J.

3)CARR, Joseph

(57) Abstract :

A building material comprising a substrate layer and a pressure -sensitive adhesive layer, where the pressure- sensitive adhesive layer includes expandable graphite.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3216/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ADHERABLE FLEXIBLE COMPOSITE SYSTEMS

(51) International classification	:C09J7/02	(71)Name of Applicant :
(31) Priority Document No	:61/705030	1)CUBIC TECH CORPORATION
(32) Priority Date	:24/09/2012	Address of Applicant :4511 East Ivy Street, Mesa, AZ 85205
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/061509	(72)Name of Inventor :
Filing Date	:24/09/2013	1)DOWNS ,Roland ,Joseph
(87) International Publication No	:WO 2014/047663	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure describes adherable flexible composite systems, which in various embodiments are preformed tapes and sheets comprising lamellar arrangements of engineered flexible- composite compositions. The flexible- composite compositions can comprise non- woven or other fibers oriented into networks and embedded in various polymer compositions. In various embodiments, the polymer compositions act as adhesive layers. The system of adherable compositions can be configured to provide a structural orientation and structurally optimized for various taped applications. In accordance with various embodiments , a composite laminate tape can comprise a first fiber matrix layer having a first side and a second side, and an adhesive layer bonded to the second side of the first fiber matrix layer. The first fiber matrix layer can be a spread filament having monofilaments therein , the monofilaments lying in a first predetermined direction within the composite laminate tape.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3820/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR AUTHENTICATING A TIMEPIECE

(51) International classification :G01N21/64

(31) Priority Document No :61/735785

(32) Priority Date :11/12/2012

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

(86) International Application No :PCT/EP2013/076281

Filing Date :11/12/2013

(87) International Publication No :WO 2014/090899

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SICPA HOLDING SA

Address of Applicant :Avenue de Florissant 41 CH 1008 Prilly
Switzerland

(72)Name of Inventor :

1)DECOUX Eric

2)LAPORTE Ccile

3)CALLEGARI Andrea

(57) Abstract :

A timepiece (500) including a dial (520) at least one hand (25) mounted on the timepiece and having an upper side and a lower side facing the dial and a security material (35) arranged on the lower side of the at least one hand. The security material includes a medium containing one or more compounds having luminescent properties in the infrared (IR) range of the electromagnetic spectrum.

No. of Pages : 51 No. of Claims : 66

(54) Title of the invention : METHOD OF PRODUCING HYDROGENATION CATALYST COMPOSITION AND HYDROGENATION CATALYST COMPOSITION

(51) International classification	:C08F8/04,B01J31/22,B01J37/04	(71)Name of Applicant :	
(31) Priority Document No	:2012235006	1)ASAHI KASEI CHEMICALS CORPORATION	
(32) Priority Date	:24/10/2012	Address of Applicant :1- 105, Kanda Jinbocho ,Chiyoda- ku	
(33) Name of priority country	:Japan	,Tokyo 1018101 Japan	
(86) International Application No	:PCT/JP2013/078596	(72)Name of Inventor :	
Filing Date	:22/10/2013	1)ARAKI, Yoshifd	
(87) International Publication No:WO 2014/065283		2)SASAYA, Eiji	
(61) Patent of Addition to Application Number	:NA	3)NITTA, Katsunori	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

This method of producing a hydrogenation catalyst composition uses (A) a titanocene compound shown in general formula (1) (In formula (1), R5 and R6 represent groups selected from the set consisting of hydrogen, C1 -C12 hydrocarbon groups , aryloxy groups, alkoxy groups, halogen groups , and carbonyl groups and R5 and R6 may be the same or different. The R1s and R2s represent groups selected from the set consisting of hydrogen and C1 -C12 hydrocarbon groups, and the R1s and R2s may be the same or different. However , the R1s and R2s may not all be hydrogens or all be C1- C12 hydrocarbon groups.), i(B) a compound containing one or more elements selected from the set consisting of Li, Na , K, Mg , Zn, Al and Ca , and (C) an unsaturated compound, and involves a force applying step for applying a shear force with a shear velocity of at least 1000(1/s) to at least (A) , and a step for mixing (A) , (B) and (C).

No. of Pages : 95 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3236/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NUTRITIONAL COMPOSITION FOR PREGNANT WOMEN WITH A BENEFICIAL GLUCOSE AND INSULIN PROFILE

(51) International classification :A23L1/30,A23L1/305,A23L1/308

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2013/064659

Filing Date :11/10/2013

(87) International Publication No :WO 2015/053789

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ABBOTT LABORATORIES

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1)DEWILLE, Normanella

2)CABRERA ,Ricardo Rueda

3)MARRIAGE, Barbara

4)SHERRY ,Christina

5)WEARLY ,Douglas

6)PEDROSA ,Jose Maria Lopez

7)BLUMBERG, Rachel

8)MAZER ,Terrence

(57) Abstract :

The present disclosure is directed to a nutritional powder , a translucent reconstitutable beverage formed therefrom, and methods relating thereto. The nutritional powder and beverage are adapted to include the proper balance of proteins , lipids , carbohydrates, vitamins and minerals appropriate for a pregnant woman. The nutritional compositions further stem the glycemic response and improve glycemia and insulinemia during gestational and lactating periods for preventing or reduce the incidence of glucose intolerance later in life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3237/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SETTABLE COMPOSITIONS COMPRISING WOLLASTONITE AND PUMICE AND METHODS OF USE

(51) International classification :C04B14/04,E21B33/13,E21B33/14
(31) Priority Document No :13/672837
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069130
Filing Date :08/11/2013
(87) International Publication No :WO 2014/074810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HALLIBURTON ENERGY SERVICES, INC.
Address of Applicant :10200 Bellaire Blvd., Houston, Texas
77072 U.S.A.
(72)**Name of Inventor :**
1)CHATTERJI, Jiten
2)BRENNEIS ,D. Chad
3)KEYS ,Crystal L.

(57) Abstract :

Methods and compositions are provided that relate to cementing operations including a method of cementing that may comprise providing a settable composition that may comprise wollastonite, pumice, a calcium -ion source , and water , wherein the wollastonite may be present in an amount in a range of from about 25% to about 75% by combined weight of the wollastonite and pumice , and wherein the pumice may present in an amount in a range of from about 25% to about 75% by combined weight of the wollastonite and pumice. Embodiments of the method further may comprise allowing the settable composition to set.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3238/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SEQUENTIAL COMBUSTION WITH DILUTION GAS MIXER

(51) International classification :F23R3/34,F23R3/06
(31) Priority Document No :12189685.6
(32) Priority Date :24/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/058650
Filing Date :25/04/2013
(87) International Publication No :WO 2014/063835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)DUESING ,Michael
2)TAY WO CHONG HILARES, Luis
3)BOTHEN ,Mirko Ruben
4)HELLAT, Jaan
5)SCHUERMANS ,Bruno

(57) Abstract :

The invention refers to a sequential combustor arrangement (104) comprising a first burner (112) , a first combustion chamber (101) , a mixer (117) for admixing a dilution gas to the hot gases leaving the first combustion chamber (101) during operation a second burner (113), and a second combustion chamber (102) arranged sequentially in a fluid flow connection. The mixer (117) comprises a plurality of injection pipes (114, 115) pointing inwards from the side walls (116) of the mixer (117) for admixing the dilution gas to cool the hot flue gases leaving the first combustion chamber (101) with a low pressure drop. The disclosure further refers to a method for operating a gas turbine (100) with such a combustor arrangement (104).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3835/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : EFFICIENT HIGH YIELD CONVERSION OF MONOSACCHARIDES TO 5 (CHLOROMETHYL) 2 FURALDEHYDE

(51) International classification :C07D307/50

(31) Priority Document No :61/714225

(32) Priority Date :16/10/2012

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

(86) International Application No :PCT/US2013/057795

Filing Date :03/09/2013

(87) International Publication No :WO 2014/062303

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CAHANA Aviad

2)NIKITIN Edward

3)STANDIFORD Jeremy

4)ELLIS Kyle

5)LUZHENG Zhang

6)GEORGE Timothy

7)MIKOCHIK Peter

(57) Abstract :

The present invention describes methods and apparatuses for the synthesis of 5 (chloromethyl) 2 furaldehyde (CMF) from monosaccharides the method comprising: (a) contacting monosaccharides hydrochloric acid and an organic solvent by way of a continuous biphasic flow reactor assembly at a temperature from about 60 degree C to about 200 degree C and pressures from about 1 atm to 10 atm such that CMF is produced; (b) separating 5 (chloromethyl) 2 furaldehyde by liquid/liquid and solid/liquid phase separation; (c) producing at least five kilograms per day with at least 50% yield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3246/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE AND METHOD FOR IRRADIATING THE EYE

(51) International classification	:A61F9/007,A61F9/009	(71)Name of Applicant :
(31) Priority Document No	:A 1122/2012	1)DAXER ,Albert
(32) Priority Date	:17/10/2012	Address of Applicant :Ottensheimer Strasse 27, A- 4040 Linz
(33) Name of priority country	:Austria	Austria
(86) International Application No	:PCT/EP2013/070345	(72)Name of Inventor :
Filing Date	:30/09/2013	1)DAXER, Albert
(87) International Publication No	:WO 2014/060206	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device and a method for irradiating the cornea (2) of an eye (1). The device comprises at least the following elements: an annular body (20) which has a contact surface (28 30) formed concentrically about a longitudinal axis (3) of the device for the purpose of fixing the device to the eye (1); an irradiation channel (26) for irradiating the cornea (2), said channel being located within the annular body (20); and a light source (23) which is mounted within the annular body (20) in an operational state of the device in order to emit light into the irradiation channel (26); wherein the contact surface (28 , 30) is arranged outside the irradiation channel (26) in order to fix the device such that the irradiated surface is not additionally stressed by contact surfaces of the device.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3247/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR WINDING AND UNWINDING A CABLE AROUND A DRUM

(51) International classification	:B63G9/06,B63G7/06	(71)Name of Applicant :
(31) Priority Document No	:1202786	1)THALES
(32) Priority Date	:18/10/2012	Address of Applicant :45 rue de Villiers, F-92200 Neuilly Sur
(33) Name of priority country	:France	Seine France
(86) International Application No	:PCT/EP2013/069675	(72)Name of Inventor :
Filing Date	:23/09/2013	1)PENVEN, Paul
(87) International Publication No	:WO 2014/060185	2)LOSSEC, Jean- Jacques
(61) Patent of Addition to Application		3)HERVOUET ,David
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for winding and unwinding a cable comprising a winch (1) comprising a frame an electric motor for rotating a drum relative to the frame, locking/unlocking means comprising a first induction coil and configured in such a way as to immobilise the drum relative to the frame when the first coil is not powered , the device comprising a second powered induction coil dimensioned and arranged in such a way that the magnetic field produced by the assembly formed by the first and second coils, when the first coil is powered, is less than the magnetic field produced by the first coil at a point located at a distance from the winch greater than a predefined threshold, the powering and cutting off of the power supply of the second coil being synchronised with the powering and respectively , the cutting off of the power supply of the first coil.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3249/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BLACK PIGMENT COMPOSITION FOR HEAT-SHIELDING COATING, HEAT-SHIELDING COATING USING SAME AND USE OF SAME FOR SHADING AND COATING

(51) International classification	:C09D5/00
(31) Priority Document No	:243477
(32) Priority Date	:05/11/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/EP2013/003034
Filing Date	:09/10/2013
(87) International Publication No	:WO 2014/067613
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KITAO ,Shinsuke
2)HORI ,Shoko

(57) Abstract :

Provided are a black pigment composition for heat- shielding coatings which exhibits high infrared radiation transmittance , facilitates adjustment of hue when it is mixed with a chromatic coating and a white coating since it approximates the hue of carbon black pigment in the case of not only a dark color but a light color as well, and is also advantageous in terms of weather resistance and cost; a heat- shielding coating based on the same; and a shading method. The black pigment composition for heat -shielding coatings includes a phthalocyanine blue pigment as a first pigment , a phthalocyanine green pigment, as a second pigment and at least one other chromatic pigment , wherein , regarding the amounts in parts by weight of the phthalocyanine blue pigment as Mb , the phthalocyanine green pigment as Mg , and the total of the at least one other chromatic pigment as Mn , $Mb + Mg + Mn = 100$ and $20 < Mg + 2.2Mb < 60$ are established , based on 100 parts by weight of the pigment composition.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3839/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A MONITORING DEVICE

(51) International classification :A61B5/00,A61B5/04,A61B5/0408
(31) Priority Document No :PA201270625
(32) Priority Date :12/10/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2013/071266
Filing Date :11/10/2013
(87) International Publication No :WO 2014/057083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)BAY Lasse

(57) Abstract :

The invention provides a monitoring device suitable for attachment to a surface of a subject the device comprising a data collector and a processor. The data collector comprises a flexible foil attached to a less flexible socket where the foil forms a dermal side surface of the data collector for adhesion to a skin surface of a subject to be monitored. To enable communication of electrical signals between the data collector and the processor the data collector comprises a distribution structure formed as a pattern of an electrically conductive material on an outer surface of a foldable sheet. The foldable sheet forms a layer in the flexible foil and comprising an interface portion which is folded into an aperture in the socket to form a coupling inside the cavity for electrical communication with a matching coupling of the processor when the processor is received in the cavity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3119/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WEIR QUENCH AND PROCESSES INCORPORATING THE SAME

(51) International classification :B01J19/00,B01J4/00,C07C17/00
(31) Priority Document No :61/707994
(32) Priority Date :30/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062507
Filing Date :29/09/2013
(87) International Publication No :WO 2014/052945
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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48674 U.S.A.

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1)TIRTOWIDJOJO, Max Markus;
2)BAI, Hua;
3)LUEBBE, Thomas Ulrich;
4)MCMURRAY, Victor Earl;

(57) Abstract :

The present invention provides a weir quench , an apparatus comprising a reactor and the weir quench and processes incorporating the same. The weir quench incorporates an inlet having an inner diameter (Di) and an upper chamber having an inner diameter (DuE) , wherein the inlet inner diameter (Di) is at least 90% of the upper chamber inner diameter (DuE). The apparatus comprises a reactor having an outlet with an inner diameter fluidly coupled with the weir quench inlet , wherein the ratio of the reactor outlet inner diameter (Dr) to the weir quench inlet diameter (Di) is greater than one. The weir quench , and apparatus comprising a reactor and the weir quench are advantageously utilized in processes utilizing a limiting reagent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3220/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PREPARING AN INHIBITED STARCH

(51) International classification :C08B30/12,C08B30/14,C09J103/02
(31) Priority Document No :61/708841
(32) Priority Date :02/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/052569
Filing Date :02/10/2013
(87) International Publication No :WO 2014/053833
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SANTHANAM ,Balaji
2)HUTTON ,Thomas K

(57) Abstract :

The present invention provides a process for preparing an inhibited starch comprising , in order: a) extracting starch from a native source and partially refining to provide a partially refined starch having a residual protein content on a dry starch basis of more than 0.4 % by weight and less than 8.0 % by weight; b) treating said partially refined starch with a bleaching agent to provide an inhibited starch; and c) recovering said inhibited starch.

No. of Pages : 27 No. of Claims : 25

(54) Title of the invention : ACTUATING UNIT FOR A MOTOR VEHICLE LOCK AND CORRESPONDING METHOD OF PRODUCTION

(51) International classification :E05B81/24,E05B79/20,E05B85/02
 (31) Priority Document No :10 2012 218 650.6
 (32) Priority Date :12/10/2012
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2013/000508
 Filing Date :06/09/2013
 (87) International Publication No :WO 2014/056468
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)T-PFER, Claus;
2)SCHLABS, Winfried;

(57) Abstract :

The invention relates to an actuating unit for a motor vehicle lock , comprising a motor element and a drive for moving the motor element , a Bowden cable connected to the motor element and a connecting element for the Bowden cable. The invention further relates to a method of production. The aim of the invention is to simplify production of an actuating unit having a Bowden cable. According to the invention , the connecting element for the Bowden cable is angular , especially L -shaped, and a leg thereof , in the case of an L- shape preferably the long leg thereof , is connected to the remainder of the housing. The angular form or L shape and the connection of one leg of such a shape to the remainder of the housing of the motor element results in a large surface or a large peripheral edge of the connecting part which can be connected to the remainder of the housing. As a result , the connecting element can be firmly secured to the remainder of the housing such that the latter withstands the forces of a motor element even when the movement of the motor element is not limited with the aid of a microswitch but with the aid of the connecting element.

No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3841/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BELT CONVEYOR AND ELECTROMAGNETIC DRIVE

(51) International classification :B65G23/08,B65G39/10,B65G15/00
(31) Priority Document No :61/715383
(32) Priority Date :18/10/2012
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2013/063766
Filing Date :08/10/2013
(87) International Publication No :WO 2014/062410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)RAGAN Bryant G.
2)GUERNSEY Kevin W.
3)PERTUIT JR. Wayne A.

(57) Abstract :

A belt conveyor having an electromagnetic drive comprising a rotor and a stator sealed in separate nonmagnetic and non-conductive housings. The rotor is mounted to a drive shaft. A drive drum or drive sprockets supported on the shaft have peripheral drive surfaces that engage a conveyor belt. The rotor is coaxial with the peripheral drive surface either sealed within the drum or sprockets or housed on the shaft axially spaced from the drive surface. The rotor may include conductive rotor bars or permanent magnets. The stator is spaced apart from the rotor across a narrow gap and produces a traveling magnetic flux wave across the gap that causes the rotor and the peripheral drive surface to rotate and drive the conveyor belt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3440/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : MICROPIPETTE EJECTOR ATTACHMENT SYSTEM

(51) International classification

:B01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)SURESH K. YADAV

2)SOMALI SANYAL

(57) Abstract :

The present invention relates to a micropipette ejector attachment system which is suitable for any type of lip ejector that can be selected depending upon the make and model of the micropipette. This ejector can be mounted over the existing ejector. This ejector will help the user to eject the 10ul tips without touching them thus making it a hassle and also with reduced chances of contamination.

No. of Pages : 7 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3441/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED GEL CASTING APPARATUS FOR ELECTROPHORESIS

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, U.P, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURESH K. YADAV
(87) International Publication No	: NA	2)SOMALI SANYAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates a single gel casting apparatus for electrophoresis in which one additional fill1 length bridge with slight modification and a half length bridge is incorporated with one more mini UV transparent gel casting tray which is further supplemented by a six well comb. The application of such electrophoresis gels includes the separation and analysis of DNA, RNA, and other molecules of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3844/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FUEL PREPARATION APPARATUS AND METHOD

(51) International classification	:F23K1/00
(31) Priority Document No	:1218747.2
(32) Priority Date	:18/10/2012
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2013/052725
Filing Date	:18/10/2013
(87) International Publication No	:WO 2014/060772
(61) Patent of Addition 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)KUCZYNSKA Agnieszka Magdalena

(57) Abstract :

An apparatus and method for fuel preparation for example by milling and drying to produce a pulverous fuel supply are described. The apparatus includes a fuel preparation unit adapted to receive a mixture of fuel and a gas and to prepare the fuel for combustion in a pulverous state; an output conduit defining an output flow path for a mixture of pulverous fuel and gas from the fuel preparation unit; a phase separator disposed to receive the mixture from the output conduit and to separate the mixture into a gas phase comprising at least a major part of the gas from the mixture and a fuel phase comprising the pulverous fuel; a gas phase conduit defining a flow path for the gas phase from the separator; a heat exchanger preferably being a process fluid heat exchanger such as a feed water heat recovery heat exchanger fluidly connected to the gas phase conduit and adapted to receive and dry the gas phase. The method applies the principles embodied in the apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3845/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PROVIDING LEARNING INFORMATION SYSTEM FOR PROVIDING LEARNING METHOD AND LEARNING APPARATUS

(51) International classification	:G06Q50/20
(31) Priority Document No	:1020120114105
(32) Priority Date	:15/10/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2013/007408
Filing Date	:16/08/2013
(87) International Publication No	:WO 2014/061909
(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)LEE Ju Hwan

(57) Abstract :

The present invention relates to a method and apparatus for providing learning information. The method for providing learning information provides learning information that is configured with learning themes for public education grade levels through a mobile communication terminal and includes the steps of: (a) displaying a figure of a pre defined shape in which the learning themes are displayed; (b) when a user selection is inputted to the figure classifying the learning information included in the selected learning themes into learning information for each grade and displaying the classified learning information; and (c) when any one piece of learning information for each grade is selected providing learning content included in the selected learning information for each grade. The method and apparatus for providing learning information provide the effects of allowing a user to be able to holistically learn English and more easily understand and remember a concept relating to the learning themes.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3846/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INDUSTRIAL AUTOMATION DEVICE

(51) International classification :B23P21/00,B23Q5/40,F16H25/12

(31) Priority Document No :12191313.1

(32) Priority Date :05/11/2012

(33) Name of priority country :EPO

(86) International Application
No :PCT/IB2013/059901

Filing Date :05/11/2013

(87) International Publication
No :WO 2014/068539

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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(ge) Italy

(72)Name of Inventor :

1)BECCHI Francesco

2)SCARRONE Mario

(57) Abstract :

An industrial automation device (1) comprises a plurality of handling groups (20) apt to handle an object defining a handling direction (20a); a support structure (30) apt to support and handle said handling groups (20); and characterized in that each of said handling groups (20) comprises at least one moving element (21) apt to handle said object; handling and translating means of said moving element (21) apt to permit the independent control of said rotation and translation in terms of position speed and acceleration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3750/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND APPARATUS FOR PROCESS DEVICE CALIBRATION

(51) International classification :F16K37/00

(31) Priority Document No :13/646178

(32) Priority Date :05/10/2012

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

(86) International Application No :PCT/US2013/063364

Filing Date :04/10/2013

(87) International Publication No :WO 2014/055813

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)AMIRTHASAMY Stanley Felix

2)SNOWBARGER James L.

(57) Abstract :

Methods and apparatus are disclosed for process device calibration. An example method includes determining if a first position of a process control device is a first end position and in response to the first position being the first end position calculating a second end position of the process control device based on the first end position and configuration information. The example method further includes calculating a partial stroke zone of the process control device based on the first end position and the second end position and determining when a current position of the process control device is within the partial stroke zone. The example method also includes when the current position is within the partial stroke zone calculating an output bias based on a control signal and a summed value.

No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3751/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : THERAPEUTICALLY ACTIVE OXAZOLINE DERIVATIVES

(51) International classification :C07D495/04,A61K31/519,A61P29/00
(31) Priority Document No :1217704.4
(32) Priority Date :03/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/070600
Filing Date :02/10/2013
(87) International Publication No :WO 2014/053581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BROOKINGS Daniel Christopher
3)FORD Daniel James
4)FRANKLIN Richard Jeremy
5)REUBERSON James Thomas
6)GHAWALKAR Anant Ramrao

(57) Abstract :

Compounds of formula (I) i.e. monocyclic or bicyclic diamine substituted thieno[2 3 d]pyrimidine and isothiazolo[5 4 d]pyrimidine derivatives substituted by an optionally substituted oxazolin 2 yl moiety are beneficial in the treatment and/or prevention of various human ailments including inflammatory autoimmune and oncological disorders; viral diseases; and organ and cell transplant rejection.

No. of Pages : 57 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3851/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED LINER HANGER SYSTEM FOR PERFORMING SUBTERRANEAN OPERATIONS AND METHOD RELATIG THERETO

(51) International classification :E21B19/24,E21B17/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/071171
Filing Date :21/12/2012
(87) International Publication No :WO 2014/098885
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOELLER Daniel Keith

(57) Abstract :

An improved liner hanger system is disclosed. The improved liner hanger system comprises a liner hanger positioned within a casing. The liner hanger comprises a spiked portion having one or more spikes wherein the spikes comprise a flat portion. At least one of the one or more spikes is expandable and the flat portion of each of the one or more spikes interfaces with the casing when the spike is in the expanded position. A liner is coupled to the liner hanger.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3852/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SWEETENER SYRUPS

(51) International classification :A23L1/09,A23L1/236
(31) Priority Document No :61/718944
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066726
Filing Date :25/10/2013
(87) International Publication No :WO 2014/066711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FLETCHER Joshua Nehemiah
3)GADDY James Michael
4)ZHOU Yuqing

(57) Abstract :

A sweetener syrup containing glucose a stabilizer selected from the group consisting of DP2 to DP10 saccharides sugar alcohols monosaccharides other than glucose and mixtures thereof and flavor enhancer is resistant to crystallization and has viscosity and sweetness comparable to that of high fructose corn syrups and may be used as a substitute for high fructose corn syrups in foods and beverages.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3853/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DISTRIBUTED CROSS PLATFORM USER INTERFACE AND APPLICATION PROJECTION

(51) International classification	:G06F15/16
(31) Priority Document No	:61/733367
(32) Priority Date	:04/12/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/072919
Filing Date	:03/12/2013
(87) International Publication No	:WO 2014/089114
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABALTA TECHNOLOGIES INC.
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(72)**Name of Inventor :**
1)STANKOULOV Pavel

(57) Abstract :

A mobile device application adapted to provide multimedia content to a target canvas is described. The application includes sets of instructions for: establishing a communication link with an external system associated with the canvas; rendering multimedia content for playback by the target canvas; and sending the rendered multimedia content to the canvas over the communication link. A mobile device application adapted to execute web based applications in a browser associated with an external system includes sets of instructions for: establishing a communication link with the external system; accessing a web based application; and rendering content associated with the application and sending the rendered content to the external system for display in the browser. A system adapted to provide multimedia content includes: a target adapted to display multimedia content; a host adapted to generate multimedia content; and a remote server adapted to at least partially control the display of multimedia content.

No. of Pages : 79 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3761/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRIAZINE DERIVATIVES FOR THE TREATMENT OF CONDITIONS ASSOCIATED WITH NICOTINAMIDE ADENINE DINUCLEOTIDE PHOSPHATE OXIDASE

(51) International classification	:A61K31/4196,C07D251/00	(71)Name of Applicant :
(31) Priority Document No	:12189823.3	1)GLUCOX BIOTECH AB
(32) Priority Date	:24/10/2012	Address of Applicant :c/o Wilcke Hallandsgatan 28 S 118 57
(33) Name of priority country	:EPO	Stockholm Sweden
(86) International Application No	:PCT/EP2013/072098	(72)Name of Inventor :
Filing Date	:22/10/2013	1)WILCKE Mona
(87) International Publication No	:WO 2014/064118	2)WALUM Erik
(61) Patent of Addition to Application	:NA	3)WIKSTR-M Per
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compound of formula (I) for use in the treatment of a condition or disorder associated with nicotinamide adenine dinucleotide phosphate oxidase.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3860/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RF ISOLATED CAPACITIVELY COUPLED CONNECTOR

(51) International classification :H01R13/646,H01R24/38
(31) Priority Document No :13/673084
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059848
Filing Date :16/09/2013
(87) International Publication No :WO 2014/074223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMMScope TECHNOLOGIES LLC
Address of Applicant :1100 CommScope Place SE Hickory
North Carolina 28602 U.S.A.
(72)**Name of Inventor :**
1)VAN SWEARINGEN Kendrick
2)VACCARO Ronald
3)PAYNTER Jeffrey

(57) Abstract :

A connector with a capacitively coupled connector interface for interconnection with a female portion is provided with an annular groove with a sidewall open to an interface end of the female portion. A male portion is provided with a male outer conductor coupling surface at an interface end covered by an outer conductor dielectric spacer. A waveguide path between the male outer conductor coupling surface and the female portion while in the interlocked position extends from the outer conductor dielectric spacer to an exterior of the interconnection through an S bend in a radial direction to improve RF isolation. The male outer conductor coupling surface is dimensioned to seat spaced apart from the sidewall by the outer conductor dielectric spacer within the annular groove when the male portion and the female portion are in an interlocked position.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3861/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COAXIAL CONNECTOR WITH CAPACITIVELY COUPLED CONNECTOR INTERFACE AND METHOD OF MANUFACTURE

(51) International classification	:H01R24/38,H01R9/05	(71)Name of Applicant :
(31) Priority Document No	:13/673084	1)COMMScope TECHNOLOGIES LLC
(32) Priority Date	:09/11/2012	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 U.S.A.
(86) International Application No	:PCT/US2013/069108	(72)Name of Inventor :
Filing Date	:08/11/2013	1)VACCARO Ronald
(87) International Publication No	:WO 2014/074798	2)VAN SWEARINGEN Kendrick
(61) Patent of Addition to Application Number	:NA	3)PAYNTER Jeffrey
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A connector with a capacitively coupled connector interface for interconnection with a mating portion with a sidewall. A connector body has an outer conductor coupling surface at an interface end covered by an outer conductor dielectric spacer. The outer conductor coupling surface is dimensioned to seat spaced apart from the sidewall by the outer conductor dielectric spacer when the connector body and the mating portion are in an interlocked position. A releasable retainer may be provided the releasable retainer dimensioned to secure the connector body and the mating portion in the interlocked position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3862/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYNBIOTICS COMBINATION FOR BRAIN IMPROVEMENT

(51) International classification :A23L1/30,A23L1/305,A23L1/29
(31) Priority Document No :12191171.3
(32) Priority Date :02/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2013/050785
Filing Date :04/11/2013
(87) International Publication No :WO 2014/070016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)N.V. NUTRICIA
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Zoetermeer Netherlands
(72)Name of Inventor :
1)GARSEN Johan
2)VAN ELBURG Ruurd
3)BARTKE Nana
4)KRANEVELD Aletta Desiree

(57) Abstract :

The invention relates to nutritional compositions with Bifidobacterium breve and non- digestible oligosaccharides for use infants or toddlers for use in improving cognitive or behavioral performance or neuroinflammation.

No. of Pages : 47 No. of Claims : 17

(54) Title of the invention : BODY SHAPE CORRECTION APPARATUS

(51) International classification :A61F5/042,A61F5/01,A61H1/02
 (31) Priority Document No :1020120116332
 (32) Priority Date :19/10/2012
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2013/009393
 Filing Date :21/10/2013
 (87) International Publication No :WO 2014/062042
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ED BEAU CO. LTD.
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 (72)Name of Inventor :
1)SEO Kyung Bae

(57) Abstract :

The present invention is a body shape correction apparatus comprising: a left foot associated rotation unit on which the left foot of a user is loaded and supported and which rotates in the counter clockwise direction and returns in the clockwise direction; a right foot associated rotation unit on which the right foot of the user is loaded and supported and which rotates in the clockwise direction and returns in the counter clockwise direction; and a pair of spring units and a pair of deformation distribution units arranged to correspond to the pair of left and right foot associated rotation units. Furthermore the present invention provides a body shape correction apparatus comprising: a left hand associated rotation unit which rotates in the counter clockwise direction according to the external rotation of the left hand of the user and which returns in the clockwise direction; a right hand associated rotation unit which rotates in the clockwise direction according to the external rotation of the right hand of the user and which returns in a counter clockwise direction; a left elastic unit for applying a clockwise restoring force that is resistant to the counter clockwise displacement of the left hand associated rotation unit; and a right elastic unit for applying a counter clockwise restoring force that is resistant to the clockwise displacement of the right hand associated rotation unit.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3784/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS OF MAKING HIGH WEIGHT ESTERS ACIDS AND DERIVATIVES THEREOF

(51) International classification :C10G45/00,C07C67/333,C07C67/343

(31) Priority Document No :13/647825

(32) Priority Date :09/10/2012

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

(86) International Application No :PCT/US2013/063870
Filing Date :08/10/2013

(87) International Publication No :WO 2014/058872

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FIRTH Bruce

2)PEASE Brian M.

3)ILSEMAN Alexander D.

4)ZOPP Garrett

5)MURPHY Timothy A.

6)WEITKAMP Robin

7)MORIE BEBEL Michelle

(57) Abstract :

Methods and compositions are provided for refining natural oils and for producing high weight esters high weight acids and/or high weight derivatives thereof wherein the compositions are made by cross metathesizing low weight unsaturated esters or low weight unsaturated acids having hydrocarbon chain lengths less than or equal to C24 with an olefin feedstock thereby forming a metathesized product composition comprising high weight esters or high weight acids having hydrocarbon chain lengths greater than C18 wherein at least a portion of the hydrocarbon chain lengths in the metathesized product are larger than the hydrocarbon chain lengths in the starting feedstock. In certain embodiments the low weight unsaturated esters or low weight unsaturated acids are derived by reacting a natural oil feedstock in a metathesis reactor in the presence of a metathesis catalyst to form a metathesized product composition comprising olefins and low weight unsaturated esters and then separating the olefins from the low weight unsaturated esters. In some embodiments the low weight unsaturated ester compositions may be hydrolyzed to form the low weight unsaturated acid compositions.

No. of Pages : 63 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3872/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONVERTER

(51) International classification	:H03M1/66,H03M3/02	(71)Name of Applicant :
(31) Priority Document No	:2012235910	1)TRIGENCE SEMICONDUCTOR INC.
(32) Priority Date	:25/10/2012	Address of Applicant :2 5 15 Sotokanda Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1010021 Japan
(86) International Application No	:PCT/JP2013/078998	(72)Name of Inventor :
Filing Date	:25/10/2013	1)YASUDA Akira
(87) International Publication No	:WO 2014/065408	2)OKAMURA Jun ichi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a data converter which is provided with a clock signal input unit which inputs a clock signal an input unit which inputs an input signal a sampling unit which in response to the clock signal inputted to the clock signal input unit performs sampling of the input signal inputted to the input unit and a signal processing unit which performs signal processing in accordance with the sampling period and outputs an output signal wherein if the period of the clock signal inputted to the clock signal input unit becomes longer the output signals outputted by the signal processing unit are reduced.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3873/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR MATERIAL TREATMENT OF RAW MATERIALS

(51) International classification:C10B47/46,C10B53/07,C10G1/10

(31) Priority Document No :10 2012 109 874.3

(32) Priority Date :16/10/2012

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/072896

Filing Date :16/11/2012

(87) International Publication No :WO 2014/060052

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MERENAS TRUST REG.

Address of Applicant :Lettstrae 10 FL 9490 Vaduz
Liechtenstein

(72)Name of Inventor :

1)ABFALTERER Alexander

(57) Abstract :

The invention relates to an apparatus (1) for the material treatment of raw materials. The apparatus (1) has a heating system (2) a distillation unit (3) and a reaction unit (3). The reaction unit is designed such that the reaction unit can be loaded with the raw materials for treatment. The heating system can be opened and closed in order to be fitted with the reaction unit. The heating system (2) comprises a top element (7) and a jacket element (8) firmly connected to the top element (7) and supporting elements (6). The top element (7) is arranged held on the supporting elements (6) of which the length can be varied in the vertical direction such that by varying the length of the supporting elements (6) between two end positions the heating system (2) can be opened and closed in the vertical direction of movement (B). The invention further relates to a method for operating an apparatus for the material treatment of raw materials.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3874/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR WIRELESS TRANSDUCERS THROUGH INTEGRATED ON CHIP ANTENNA

(51) International classification :H04L29/02,H02J17/00,H04B10/00
(31) Priority Document No :61/714605
(32) Priority Date :16/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/058548
Filing Date :06/09/2013
(87) International Publication No :WO 2014/062308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CALIFORNIA INSTITUTE OF TECHNOLOGY
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Pasadena California 91125 U.S.A.
(72)Name of Inventor :
1)CHANG Chieh feng
2)RAJAGOPAL Aditya
3)SCHERER Axel

(57) Abstract :

A system comprises an energy harvesting unit configured to provide power to the system from electromagnetic radiation a transducer configured to detect measureable quantities an electronic circuit and an antenna wherein the electronic circuit is configured to encode the measureable quantities and transmit them to the antenna the antenna is configured to transmit the encoded measureable quantities and wherein the energy harvesting unit the transducer the electronic circuit and the antenna are monolithically integrated in the system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3765/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ZEOLITIC ADSORBENTS PROCESS FOR PREPARING SAME AND USES THEREOF

(51) International classification :B01J20/18,B01J20/28,C07C29/76

(31) Priority Document No :1261964

(32) Priority Date :12/12/2012

(33) Name of priority country :France

(86) International Application
No :PCT/EP2013/076021

Filing Date :10/12/2013

(87) International Publication
No :WO 2014/090771

(61) Patent of Addition 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)IFP ENERGIES NOUVELLES

(72)Name of Inventor :

1)BOUVIER Ludivine

2)KIEGER Stphane

3)LAROCHE Catherine

4)LEFLAIVE Philibert

(57) Abstract :

The present invention relates to zeolitic adsorbents based on small agglomerated crystals of zeolite X comprising barium combining optimum properties in terms of selectivity and of mechanical strength. These adsorbents have applications in the separation of fractions of aromatic C isomers and in particular xylenes in the separation of substituted toluene isomers such as nitrotoluene diethyltoluene or toluenediamine in the separation of cresols and in the separation of polyhydric alcohols such as sugars.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3864/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENHANCED EXTENDED ACCESS CLASS BARRING

(51) International classification	:H04W48/02
(31) Priority Document No	:61/720566
(32) Priority Date	:31/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2013/059551
Filing Date	:22/10/2013
(87) International Publication No	:WO 2014/068442
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
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(72)**Name of Inventor :**
1)WIDELL Daniel
2)DIACHINA John Walter
3)SCHLIWA BERTLING Paul

(57) Abstract :

A method is implemented in a mobile device for managing access to resources of a cellular communication system. The cellular communication system includes a plurality of base stations providing wireless access to the resources of the cellular communication system. The mobile device implements an enhanced extended access class barring (EEAB) process to minimize overloading of the resources of the cellular communication system.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3865/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RAZOR BLADE UNIT

(51) International classification	:B26B21/22
(31) Priority Document No	:61/722789
(32) Priority Date	:06/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/068685
Filing Date	:06/11/2013
(87) International Publication No	:WO 2014/074577
(61) 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 GILLETTE COMPANY

Address of Applicant :World Shaving Headquarters IP/Legal
Patent Department 3E One Gillette Park Boston Massachusetts
02127 U.S.A.

(72)Name of Inventor :

1)ZHUK Andrew Vladimirovich

2)CLAUS Oliver Heinz

3)ESTABROOKS Caleb MacCallum

(57) Abstract :

A razor blade unit including a housing having a top surface and a loop disposed on the top surface the loop having two terminal ends and two exposed opposing edges between the two terminal ends. The loop intersects the top surface at the two terminal ends and the two terminal ends are spaced apart from each other on the top surface. At least a portion of at least one of the two exposed opposing edges has a cutting edge. The razor blade unit provides improved conformity to skin contours.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3867/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRACKING RECEIVED POWER IN WIRELESS COMMUNICATIONS

(51) International classification :H04L25/02,H04W52/24,H04W72/12
(31) Priority Document No :61/738232
(32) Priority Date :17/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/051507
Filing Date :13/12/2013
(87) International Publication No :WO 2014/098737
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZTE WISTRON TELECOM AB
Address of Applicant :Kista Science Tower 18tr Frgatan 33 S
164 51 Kista Sweden
(72)Name of Inventor :
1)SVEDMAN Patrick

(57) Abstract :

A plurality of signal transmissions transmitted using a plurality of transmit powers are received at a receiver over a communication channel. Each transmit power shares a common transmit power term unknown to the receiver and a signal specific power offset known to the receiver. The received power is measured at the receiver. A corresponding known power offset is subtracted from the measured received signal power resulting in a corresponding estimate of the common unknown power term. This results in a plurality of estimates of the common transmit power term. A refined common transmit power term is estimated from the plurality of estimates of the common transmit power term. A plurality of refined measured received signal powers are estimated by adding the plurality of signal specific power offsets to the refined common power term. Based on the refined common transmit power term a functionality of the wireless communication system is adapted.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3868/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WIND POWER PLANT AND WIND POWER PLANT TOWER

(51) International classification	:F03D1/00
(31) Priority Document No	:102012020687.9
(32) Priority Date	:22/10/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2013/072015
Filing Date	:22/10/2013
(87) International Publication No	:WO 2014/064069
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)POLLMANN Frank
2)GR- Alexander

(57) Abstract :

The invention relates to a wind power plant with a tower (102) which has a plurality of tower segments. Some of the tower statements are constructed from a plurality of tower segment parts (10a). The tower segment parts (10a) are fastened to one another via screw connections. The wind power plant additionally has at least one guide rope (4) extending at least partially along the length of the tower. The wind power plant also has a work platform (1) which can be fastened to the guide rope (4) for guidance and can be moved up and down by means of a traction rope (3). Thereby the screw connections of adjacent tower segment parts (10a) can be inspected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3173/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SIMPLE SUGAR CONCENTRATION SENSOR AND METHOD

(51) International classification :G01N33/48

(31) Priority Document No :61/714731

(32) Priority Date :16/10/2012

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

(86) International Application No :PCT/US2013/065228

Filing Date :16/10/2013

(87) International Publication No :WO 2014/062795

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)K SCIENCES GP LLC

(57) Abstract :

A glucose sensor comprising an optical energy source having an emitter with an emission pattern; a first polarizer intersecting the emission pattern; a second polarizer spaced a distance from the first polarizer and intersecting the emission pattern the second polarizer rotated relative to the first polarizer by a first rotational amount T; a first optical detector intersecting the emission pattern; a second optical detector positioned proximal to the second polarizer the first polarizer and the second polarizer being positioned between the optical energy source and the second optical detector the second optical detector intersecting the emission pattern; a compensating circuit coupled to the second optical detector; and a subtractor circuit coupled to the compensating circuit and the first optical detector.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3174/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PESTICIDAL PYRIMIDINE COMPOUNDS

(51) International classification :A01N59/00

(31) Priority Document No :61/725056

(32) Priority Date :12/11/2012

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

(86) International Application No :PCT/US2013/066952

Filing Date :25/10/2013

(87) International Publication No :WO 2014/074333

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DOW AGROSCIENCES LLC

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46268 1054 U.S.A.

(72)Name of Inventor :

1)TRULLINGER Tony K.

2)JOHNSON Timothy C.

3)HUNTER Ricky

(57) Abstract :

Pyrimidine compounds and their use in controlling pests such as insects and other invertebrates are provided. Further embodiments forms objects features advantages aspects and benefits shall become apparent from the description.

No. of Pages : 100 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3770/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PRODUCING A ROTOR BLADE

(51) International classification :E04H5/02,F03D1/06,B29L31/08	(71)Name of Applicant :
(31) Priority Document No :10 2012 220 937.9	1)WOBBEN PROPERTIES GMBH
(32) Priority Date :15/11/2012	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country :Germany	(72)Name of Inventor :
(86) International Application No :PCT/EP2013/073993	1)KANNENBERG Johannes
Filing Date :15/11/2013	
(87) International Publication No :WO 2014/076260	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to a method for producing a rotor blade of a wind turbine in a two storey manufacturing building which has a ground floor level for producing a first part of a rotor blade and an upper floor level which is arranged above the ground floor level for producing a second part e.g. semi finished product for the rotor blade.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3771/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INFORMATION HANDLING RESOURCES WITH EXTERNAL STORAGE RESOURCE BOOT

(51) International classification :G06F21/52

(31) Priority Document No :13/680357

(32) Priority Date :19/11/2012

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

(86) International Application No :PCT/US2013/069175

Filing Date :08/11/2013

(87) International Publication No :WO 2014/078194

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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78682 2244 U.S.A.

(72)Name of Inventor :

1)MARTINEZ Ricardo L.

(57) Abstract :

An information handling system may include a processor at least one information handling resource at least one external port configured to receive an external information handling resource and couple the external information handling resource to the processor and a basic input/output system. The basis input/output system may comprise a program of instructions executable by the processor and configured to cause the processor to determine whether a current boot session of the information handling system was initiated by a boot from an external storage resource coupled to the at least one external port and in response to a determination that the current boot session of the information handling system was initiated by a boot from an external storage resource coupled to the at least one external port disable one or more of the at least one information handling resource for the current boot session.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3884/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A FERMENTATION PROCESS

(51) International classification :C12P7/64,C12N1/20,C12N1/16
(31) Priority Document No :61/727880
(32) Priority Date :19/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NZ2013/000207
Filing Date :14/11/2013
(87) International Publication No :WO 2014/077705
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LANZATECH NEW ZEALAND LIMITED
Address of Applicant :24 Balfour Road Parnell Auckland 1052
New Zealand
(72)Name of Inventor :
1)SIMPSON Sean Dennis
2)BERNASEK Sebastian Michal

(57) Abstract :

The invention provides methods and systems for the production of lipid products from a gaseous substrate using a two stage fermentation process. The method comprises providing a gaseous substrate comprising CO CO2 or H2 or mixtures thereof to a first bioreactor containing a culture or one or more microorganisms and fermenting the substrate to produce acetate. The acetate from the first bioreactor is then provided to a second bioreactor where it is used as a substrate for fermentation to lipids by one or more yeasts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3854/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : KETAMINE DERIVATIVES

(51) International classification :C07C219/06,C07C229/14,A61K31/222
(31) Priority Document No :602885
(32) Priority Date :08/10/2012
(33) Name of priority country :New Zealand
(86) International Application No :PCT/IB2013/059191
Filing Date :08/10/2013
(87) International Publication No :WO 2014/057414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SLEIGH James Wallace
2)DENNY William Alexander
3)JOSE Jiney
4)GAMAGE Swarnalatha Akuratiya
5)HARVEY Martyn Gregory
6)VOSS Logan James

(57) Abstract :

The present invention relates to ketamine derivatives of the formula (I) pharmaceutical compositions comprising them and methods for treating pain comprising administering them and their use in the manufacture of medicaments for treating pain. The present invention also relates to methods for anaesthetizing and methods for sedating a subject comprising administering ketamine derivatives of the formula (II).

No. of Pages : 62 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3855/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POWER SUPPLIES HAVING POWER ELECTRONIC MODULES AND REPLACEMENT METHODS THEREOF

(51) International classification	:H02M7/00,H05K7/14	(71)Name of Applicant :
(31) Priority Document No	:13/688327	1)SIEMENS AKTIENGESELLSCHAFT .
(32) Priority Date	:29/11/2012	Address of Applicant :Wittelsbacherplatz 2 80333 M ^u nchen
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2013/068249	(72)Name of Inventor :
Filing Date	:04/11/2013	1)HAMMOND Peter Willard
(87) International Publication No	:WO 2014/085028	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power supply having one or more power electronic modules that may be replaced without shutting down the power supply. Each power electronic module may be enclosed in a separate compartment of the power supply. Each compartment may have stationary electrical connectors configured to electrically connect to the power electronic module. A racking mechanism connected to a handle outside the compartment may move a power electronic module out of electrical contact with the stationary electrical connectors and/or into electrical contact with the stationary electrical connectors. Movement of a power electronic module within the compartment may occur without shutting down the power supply. Methods of replacing power electronic modules without shutting down the power supply are also provided as are other aspects.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3856/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYBRID PLANT FOR LIQUID FUEL PRODUCTION AND METHOD FOR OPERATING IT WHERE A GASIFICATION UNIT IN THE HYBRID PLANT IS OPERATING AT LESS THAN ITS DESIGN CAPACITY OR IS NOT OPERATIONAL

(51) International classification :C10G2/00,C10J3/72,C01B3/32
(31) Priority Document No :13/686328
(32) Priority Date :27/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070351
Filing Date :15/11/2013
(87) International Publication No :WO 2014/085109
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PRAXAIR TECHNOLOGY INC.
Address of Applicant :39 Old Ridgebury Road Danbury CT
06810 U.S.A.
(72)Name of Inventor :
1)DRNEVICH Raymond F.
2)CHAKRAVARTI Shrikar
3)SHAH Minish M.

(57) Abstract :

A hybrid plant and method for producing liquid fuel product from hydrogen and carbon monoxide containing streams produced by gasifying solid carbonaceous feedstock and steam reforming of light fossil fuels. When a gasification unit in the hybrid plant is operating at reduced capacity or is not operational oxygen that would have been used in the gasification unit is diverted to a light fossil fuel conversion unit containing an autothermal reformer to increase FL rich syngas flow to a liquid fuel production unit and maintain liquid fuel production at near nameplate capacity.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3857/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ARC FAULT PATH FOR MITIGATION OF ARC FAULT IN POWER SUPPLY ENCLOSURE

(51) International classification	:H05K7/14,H02B13/025	(71)Name of Applicant :
(31) Priority Document No	:61/722974	1)SIEMENS AKTIENGESELLSCHAFT .
(32) Priority Date	:06/11/2012	Address of Applicant :Wittelsbacherplatz 2 80333 M ¹ nchen
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2013/068673	(72)Name of Inventor :
Filing Date	:06/11/2013	1)FARR Jeffrey S.
(87) International Publication No	:WO 2014/074570	2)WISSNER Kevin D.
(61) Patent of Addition to Application	:NA	3)NOVACK Edward A.
Number	:NA	4)THOMPSON Graham M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An enclosure for a power supply is provided. An aspect includes a first compartment and a second compartment located adjacent to the first compartment. Another aspect includes an intermediate pressure relief flap located inside the enclosure in between the first compartment and the second compartment and a top pressure relief flap located on an external surface of the second compartment. Another aspect includes the intermediate pressure relief flap and the top pressure relief flap configured to be closed in the absence of an arc fault in the enclosure and the intermediate pressure relief flap and the top pressure relief flap configured to open based on the presence of the arc fault in the enclosure such that plasma from the arc fault vents from the first compartment into the second compartment via the opened intermediate pressure relief flap and out of the second compartment via the opened top pressure relief flap

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3858/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYMERIZABLE COMPOSITION FOR OPTICAL MATERIAL

(51) International classification :C08G18/48,C08G18/16,C08G18/66	(71)Name of Applicant : 1)MITSUI CHEMICALS INC. Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan
(31) Priority Document No :2012255568	(72)Name of Inventor :
(32) Priority Date :21/11/2012	1)KAWATO Nobuo
(33) Name of priority country:Japan	2)OGAWA Tatsuya
(86) International Application No :PCT/JP2013/079790	3)HASHIMOTO Toshiya
Filing Date :01/11/2013	4)TANAKA Mamoru
(87) International Publication No :WO 2014/080749	5)KUMA Shigetoshi
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

This polymerizable composition for an optical material contains: (A) at least one type of isocyanate having two or more isocyanato groups such as an aromatic isocyanate; (B) at least one type of alcohol having two or more hydroxyl groups; and (C) an acidic phosphoric acid ester represented by general formula (1). The percentage of secondary hydroxyl groups is at least 50% of the total number of moles of primary and secondary hydroxyl groups contained in the alcohol (B).

No. of Pages : 57 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3191/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN ASSEMBLY FOR LOOSENING OR TIGHTENING MECHANICAL NUTS (ESP. WHEEL NUTS)

(51) International classification :B60B29/00,B25B17/02
(31) Priority Document No :2012/07897
(32) Priority Date :19/10/2012
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2013/059399
Filing Date :16/10/2013
(87) International Publication No :WO 2014/087267
(61) 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 TRUSTEES FOR THE TIME BEING OF LE MOULIN TRUST
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(72)Name of Inventor :
1)COETZEE ,Hendrik, Bernardus
2)COETZEE, Renier

(57) Abstract :

An assembly (200) for loosening or tightening mechanical nuts includes a socket arm (40) defining a socket (42) at its distal end for engaging a mechanical nut (102); a crank (30) connected or connectable at its first end transversely to a proximate end of the socket arm (40); a sliding hammer (20) connected or connectable to a second end of the crank (30) , thereby being operable to impart a rotational impact on the socket arm (40) via the crank (30); and a support structure (250) connected or connectable at its proximate end to one of the socket arm (40), crank (30) , or sliding hammer (20) and defining at its remote end a support surface (260) operable to bear against an external structure (100) thereby to support the assembly (200) in use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3787/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING AIRBORNE POLLUTION

(51) International classification :E01F7/02
(31) Priority Document No :2791965
(32) Priority Date :10/10/2012
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2013/000849
Filing Date :08/10/2013
(87) International Publication No :WO 2014/056074
(61) Patent of Addition 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)SHAYKO Scott
2)QIU Xin
3)SLUSARCZYK Jason
4)VAN HEYST William
5)MAHMUD Shohel
6)LUBITZ William
7)SPENCER Jennifer

(57) Abstract :

An apparatus for controlling airborne pollution comprises a leeward wall located near a polluted region and a windward wall located between the leeward wall and the polluted region. The leeward wall and the windward wall are spaced apart so as to define an airflow passageway therebetween. The windward wall extends upwardly to a first wall height. The leeward wall includes an upper portion extending above the first wall height. The upper portion is adapted to direct airflow downward through the airflow passageway towards at least one opening located below the first wall height for exhausting the airflow from the airflow passageway.

No. of Pages : 51 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3788/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MONITORING DEVICE FOR A ROLLER CRUSHER

(51) International classification :B02C4/00,B02C4/28,G01B11/25
(31) Priority Document No :12190399.1
(32) Priority Date :29/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2013/059619
Filing Date :24/10/2013
(87) International Publication No :WO 2014/068453
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)METSO MINERALS INDUSTRIES INC.
Address of Applicant :20965 Crossroads Circle Waukesha
Wisconsin 53186 U.S.A.
(72)**Name of Inventor :**
1)WEBSTER Alexander

(57) Abstract :

The invention relates to a monitoring device (3) for monitoring a surface of a roll (1) of a roller crusher. The monitoring device (3) comprises a light emitter (4) arranged to project a line (5) on the surface of the roll (1) an image capturing device (6) arranged to capture an image of a portion of the surface the portion including at least a part of the projected line (5) and a processor unit (7) arranged to process the image to determine information about the surface. The invention also relates to a high pressure roller crusher a sizer a use of a monitoring device (3) a method for monitoring a surface of a roll of a roller crusher and a computer program.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3880/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ABSOLUTE VALUE CURRENT SENSING CIRCUIT FOR STEP DOWN DC TO DC CONVERTERS WITH INTEGRATED POWER STAGE

(51) International classification :G01R19/00,G01R19/165,H02M3/158
(31) Priority Document No :12306397.6
(32) Priority Date :12/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073233
Filing Date :07/11/2013
(87) International Publication No :WO 2014/072383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ST ERICSSON SA
Address of Applicant :Chemin du Champ des Filles 39 CH
1228 Plan les Ouates Switzerland
(72)Name of Inventor :
1)MICHAL Vratislav

(57) Abstract :

It is proposed a system for measuring an output current $\hat{I}_{OUT}$ of a DC-to-DC converter, the DC-to-DC converter comprising a transistor power stage. The system comprises: a voltage measuring circuit (30) connected to the output of the power stage (10) of the DC-to-DC converter (1) for measuring an average voltage drop V_{AVG} on impedances $R_{DS(PN)}$ of the transistors of the power stage; an impedance $R_{composite}$ (32) connected to an output of the voltage measuring circuit (30) providing a current I_{OUT} the impedance $R_{composite}$ (32) reproducing the impedances $R_{DS(PN)}$ of the transistors of the power stage and being traversed I_{OUT} / $I_{OUT} A$ $V_{G I R COMPOSITE} = I_{OUT} / K G. K$

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3882/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR WIFI CONNECTIVITY LOSS ANTICIPATION

(51) International classification	:H04W36/24
(31) Priority Document No	:12306590.6
(32) Priority Date	:14/12/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/074681
Filing Date	:26/11/2013
(87) International Publication No	:WO 2014/090564
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Boulogne Billancourt France
(72)**Name of Inventor :**
1)HELBERT Emmanuel

(57) Abstract :

A method for anticipating the loss of connectivity between a mobile device and a wireless short range access point among a plurality of such wireless access points this method comprising the following steps: collecting a plurality of paths corresponding to the mobile device movements within the coverage areas of the access points to which the mobile device was successively associated without loss of connectivity each path comprising a root access point at which a connectivity is originated and a dead end access point at which the connectivity is lost; detecting the current access point to which the mobile device is currently associated; identifying the paths comprising the current access point; computing the risks of losing the connectivity when following each of the identified paths from the current access point to the root access point or to the dead end access point of each of the identified paths.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3769/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VACUUM INTERRUPTER ARRANGEMENT FOR A MEDIUM VOLTAGE CIRCUIT BREAKER WITH CUP SHAPED TMF CONTACTS

(51) International classification	:H01H33/664
(31) Priority Document No	:12007608.8
(32) Priority Date	:08/11/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/003335
Filing Date	:06/11/2013
(87) International Publication No	:WO 2014/072048
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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Address of Applicant :Affolternstrasse 44 CH 8050 Zurich
Switzerland
(72)Name of Inventor :
1)GENTSCH Dietmar
2)HENCKEN Kai
3)LAMARA Tarek

(57) Abstract :

The invention relates to a vacuum interrupter arrangement for a medium voltage circuit breaker comprising a vacuum housing (4) within which a pair of electrical contacts (2a 2b) are coaxially arranged and concentrically surrounded by the cylindrical shaped vacuum housing (4) wherein the electrical contacts (2a 2b) are formed in a type of TMF contacts each comprising a slotted cup shaped contact part (9a; 9b) which is attached to the distal end of a contact shaft (8a; 8b) and which is covered by a contact ring (10) disposed on the rim (11) of the cup shaped contact part (9a; 9b) wherein each cup shaped contact part (9; 9; 9; 9; 9) is provided with a vertical inward bending towards the contact ring (10) wherein the outer diameter of the bottom section of the cup shaped contact part (9; 9 ; 9; 9; 9) is larger than the outer diameter of its rim section (11) in order to alter the Lorentz force to a respective inward direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/05/2015

(21) Application No.3877/DELNP/2015 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMAGE STABILIZATION TECHNIQUES FOR VIDEO SURVEILLANCE SYSTEMS

(51) International classification :H04N7/18,G06T7/20,G06T5/00	(71)Name of Applicant :
(31) Priority Document No :61/725420	1)BEHAVIORAL RECOGNITION SYSTEMS INC.
(32) Priority Date :12/11/2012	Address of Applicant :2100 West Loop South Houston Texas
(33) Name of priority country :U.S.A.	77027 U.S.A.
(86) International Application No:PCT/US2013/069508	(72)Name of Inventor :
Filing Date :11/11/2013	1)SAITWAL Kishor Adinath
(87) International Publication No :WO 2014/075022	2)COBB Wesley Kenneth
(61) Patent of Addition to	3)YANG Tao
Application Number :NA	
Filing Date :NA	
(62) Divisional to Application	
Number :NA	
Filing Date :NA	

(57) Abstract :

A behavioral recognition system may include both a computer vision engine and a machine learning engine configured to observe and learn patterns of behavior in video data. Certain embodiments may provide image stabilization of a video stream obtained from a camera. An image stabilization module in the behavioral recognition system obtains a reference image from the video stream. The image stabilization module identifies alignment regions within the reference image based on the regions of the image that are dense with features. Upon determining that the tracked features of a current image is out of alignment with the reference image the image stabilization module uses the most feature dense alignment region to estimate an affine transformation matrix to apply to the entire current image to warp the image into proper alignment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/05/2015

(21) Application No.3878/DELNP/2015 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : PREFETCHING TO A CACHE BASED ON BUFFER FULLNESS

(51) International classification :G06F12/08
(31) Priority Document No :13/669502
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068433
Filing Date :05/11/2013
(87) International Publication No :WO 2014/074489
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ADVANCED MICRO DEVICES INC.
Address of Applicant :One AMD Place Sunnyvale CA 94088
U.S.A.
(72)Name of Inventor :
1)KALAMATIANOS John
2)BHARGAVA Ravindra Nath
3)JAYASEELAN Ramkumar

(57) Abstract :

A processor (102) transfers prefetch requests from their targeted cache (104) to another cache (105) in a memory hierarchy based on a fullness of a miss address buffer (MAB) (130) or based on confidence levels of the prefetch requests. Each cache in the memory hierarchy is assigned a number of slots at the MAB. In response to determining the fullness of the slots assigned to a cache is above a threshold when a prefetch request to the cache is received (404) the processor transfers the prefetch request to the next lower level cache in the memory hierarchy (410). In response the data targeted by the access request is prefetched to the next lower level cache in the memory hierarchy and is therefore available for subsequent provision to the cache. In addition the processor can transfer a prefetch request to lower level caches based on a confidence level of a prefetch request.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3879/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SURGICAL SYSTEM

(51) International classification	:A61B19/02
(31) Priority Document No	:13/678843
(32) Priority Date	:16/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/070127
Filing Date	:14/11/2013
(87) International Publication No	:WO 2014/078553
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)GHOSH Krishnan K.
Address of Applicant :5415 N. Sheridan Road #2004 Chicago
IL 60640 U.S.A.
(72)Name of Inventor :
1)GHOSH Krishnan K.

(57) Abstract :

A surgical system is disclosed. The surgical system can include a tray and a vacuum fitted cover covering at least a portion of the tray. The surgical system can comprise a tray and a drape at least partially vacuum fitted to the tray. A surgical drape is also disclosed. The surgical drape can comprise a cover including an opening and an interior cavity defined by a flexible wall which is configured to receive a support surface. The surgical drape can further comprise a closable portion configured to close the opening and seal at least a portion of the support surface within the interior cavity. The surgical drape can further include a valve in fluid communication with the interior cavity wherein the valve is configured to enable the suction of air from the interior cavity and draw the flexible wall inwardly to closely envelop at least a portion of the support surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3775/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BASE STATION USER EQUIPMENT AND METHODS FOR RANDOM ACCESS

(51) International classification	:H04W74/08,H04W76/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/051382	1)LU Qianxi
Filing Date	:12/12/2012	2)MIAO Qingyu
(87) International Publication No	:WO 2014/092616	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to a first aspect of embodiments herein the object is achieved by a method in a base station for handling a Random Access Channel RACH procedure in a mixed cellular and D2D network. The base station receives (302) from a first user equipment in a RACH message an indication that the RACH relates to D2D communication. The base station then schedules (303) a D2D Sink to the first user equipment based on the indication.

No. of Pages : 37 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3776/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SKULL CLAMP OPENING APPARATUS AND METHOD

(51) International classification :A61B19/00

(31) Priority Document No :61/724845

(32) Priority Date :09/11/2012

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

(86) International Application No :PCT/IB2013/003016

Filing Date :08/11/2013

(87) International Publication No :WO 2014/072822

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PRO MED INSTRUMENTS GMBH

Address of Applicant :Boetzingen Strasse 38 79111 Freiburg

Im Breisgau Germany

(72)Name of Inventor :

1)SCHUELE Matthias E.

2)GANTNER Bernhard

(57) Abstract :

A head fixation device in the form of a skull clamp comprises an opening device having an actuator positioned along an upright portion of the skull clamp near where a pin assembly contacts a patient's head for stabilization. The opening device can be actuated such that the relative distance between arms of the skull clamp can be opened closed or adjusted. The opening device is substantially positioned within one of the arms of the skull clamp. In some versions the skull clamp further comprises an attachment feature having an offset configuration.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3777/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VEHICULAR DRIVE APPARATUS

(51) International classification :F02D41/04,F02D29/00,F02D45/00
(31) Priority Document No :2012235364
(32) Priority Date :25/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/075759
Filing Date :24/09/2013
(87) International Publication No :WO 2014/065062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi
Aichi 4488650 Japan
(72)Name of Inventor :
1)TAMARU Daisuke

(57) Abstract :

Provided is a vehicular drive apparatus that can prevent an excessive increase in engine rotational speed upon starting of a vehicle provided with a manual clutch. The apparatus includes a control unit that computes a starting engine torque on the basis of a clutch transmission torque from a clutch sensor that acquires a clutch transmission torque being produced by a clutch. The control unit implements torque down control by controlling an engine so as to achieve the starting engine torque when a clutch differential rotational speed is not less than a prescribed differential rotational speed and when the engine rotational speed is not less than a first prescribed rotational speed.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3778/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VEHICULAR DRIVE APPARATUS

(51) International classification :F02D41/04,F02D29/00,F02D45/00
(31) Priority Document No :2012235363
(32) Priority Date :25/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/075755
Filing Date :24/09/2013
(87) International Publication No :WO 2014/065060
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi
Aichi 4488650 Japan
(72)Name of Inventor :
1)TAMARU Daisuke

(57) Abstract :

Provided is a manual clutch equipped vehicular drive apparatus such that engine stall can be prevented and an appropriate engine rpm can be automatically maintained. The apparatus include: a clutch sensor that acquires a clutch transmission torque being produced by a clutch; and a control unit that calculates a starting engine torque on the basis of the clutch transmission torque and that controls an engine so as to achieve the starting engine torque when a clutch differential rotational speed is not less than a prescribed differential rotational speed and when the engine rotational speed is less than a first prescribed rotational speed.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3888/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LIGHT GUIDED OPHTHALMIC RADIATION DEVICE

(51) International classification :A61N5/01
(31) Priority Document No :61/723654
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068944
Filing Date :07/11/2013
(87) International Publication No :WO 2014/074712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FINGER Paul T.
2)WELLES Toby

(57) Abstract :

An ophthalmic radiation device having a substantially light transparent wand configured to emit light propagating through the wand light from a series of illumination ports at least partially circumscribing a radioactive source disposed in the holder thereby providing a visual reference for identifying a position of the radioactive source.

No. of Pages : 46 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3889/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INNER RACE AND BOOT SLEEVE

(51) International classification :F16D1/08,F16D1/116,F16D3/223

(31) Priority Document No :14/105577

(32) Priority Date :13/12/2013

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

(86) International Application No :PCT/US2014/068698

Filing Date :05/12/2014

(87) International Publication No :WO 2015/088891

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DANA AUTOMOTIVE SYSTEMS GROUP LLC

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Maumee OH 43537 U.S.A.

(72)Name of Inventor :

1)DINE Donald W.

2)BEAR Dee E.

(57) Abstract :

An inner race and boot sleeve combination is provided. The inner race has an inner surface with a groove formed therein. The boot sleeve has a groove in an outer surface. A ring is located in both grooves to axially secure the inner race and boot sleeve together. Devices to prevent relatively rotation between the inner race and the boot sleeve are also provided.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2015

(21) Application No.3894/DELNP/2015 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : SKIN CARE COMPOSITIONS CONTAINING COTTON AND CITRUS DERIVED MATERIALS

(51) International classification :A61K8/73,A61Q19/00,A61K8/02
(31) Priority Document No :61/724646
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068697
Filing Date :06/11/2013
(87) International Publication No :WO 2014/074583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JOHNSON & JOHNSON CONSUMER COMPANIES INC.
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1)BONNER Patricia
2)KAMINSKI Claudia
3)LIMA LORENZETTI Danielle
4)MAITRA Prithwiraj
5)SALLES MOSCARDI Juliana
6)WU Jeffrey M.

(57) Abstract :

The compositions and methods of this invention relate to skin care compositions containing: (a) hydrophobic and hydrophilic linear cellulose particles having an average length of from about 1 to about 1000µm a particle aspect ratio from about 1000 to about 2 and a thickness of from about 1 to about 500 µm; (b) amphiphilic linear cellulose particles derived from sources selected from the following group: citrus pulp sugar beet pulp banana pulp mango pulp apple pulp passion fruit pulp and tomato pulp and the like said particles having an average size of from about 1 to about 1000 µm a particle aspect ratio from about 1000 to about 2 and a thickness of from about 1 to about 500 µm; wherein the ratio of ingredient (b) to ingredient (a) is from about 1:10 to about 10:1; and a cosmetically acceptable carrier.

No. of Pages : 85 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3895/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COOLING SYSTEM FOR ELECTRONIC EQUIPMENT STORAGE DEVICE AND COOLING SYSTEM FOR ELECTRONIC EQUIPMENT STORAGE FACILITY

(51) International classification :G06F1/20,F24F5/00,F28D15/02
(31) Priority Document No :2012264430
(32) Priority Date :03/12/2012
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2013/007069
Filing Date :03/12/2013
(87) International Publication No :WO 2014/087635
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEC CORPORATION
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1)INABA Kenichi
2)YOSHIKAWA Minoru
3)SAKAMOTO Hitoshi
4)SHOUJIGUCHI Akira
5)MATSUNAGA Arihiro
6)CHIBA Masaki

(57) Abstract :

This cooling system for an electronic equipment storage device is provided with racks comprising electronic equipment and a plurality of mounting shelves for mounting the electronic equipment wherein the cooling system is characterized in that an evaporator filled with a refrigerant is mounted on the racks; a condensation unit coupled to the evaporator via piping is installed on the exterior of the racks; and a refrigerant regulating means is provided for regulating the height of the refrigerant surface inside the evaporator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3897/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :23/12/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : OPTIMIZED SYSTEM AND METHOD FOR NOTIFYING A CALLED PARTY OF A CALLED ATTEMPT

(51) International classification	:H04W
(31) Priority Document No	:2138/DEL/2013
(32) Priority Date	:16/07/2013
(33) Name of priority country	:India
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:2138/DEL/2013
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :II-5, A-26, Info city, Sector 34,
Gurgaon-122001, Haryana. Haryana India
(72)**Name of Inventor :**
1)Arun Rabra
2)Manish Kumar Jain

(57) Abstract :

A system and method for notifying a called party of a call attempt method comprises initiating a communication request by a calling party; routing the communication request to an intelligent network via an mobile service center; validating the communication request by the intelligent network; and handing over the communication request to an intelligent platform by the intelligent network in the event of a nonstandard trigger event. The method further includes processing the communication request by the intelligent platform. The processing of communication request includes monitoring number of call attempts, introducing a delay in sending notification, monitoring availability of called party and performing one or more actions based on response of the called party. FIG. 3

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3897/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COSMETIC COMPOSITIONS AND METHODS FOR INHIBITING MELANIN SYNTHESIS

(51) International classification :A61K8/34,A61K8/44,A61Q19/02

(31) Priority Document No :61/794122

(32) Priority Date :15/03/2013

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

(86) International Application
No :PCT/US2014/021271

Filing Date :06/03/2014

(87) International Publication
No :WO 2014/149867

(61) 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 PROCTER & GAMBLE COMPANY

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Ohio 45202 U.S.A.

(72)Name of Inventor :

1)LAUGHLIN Leo Timothy II

2)HAKOZAKI Tomohiro

(57) Abstract :

A cosmetic composition suitable for topical application for example is provided. In some examples the cosmetic composition may include undecylenoyl phenylalanine hexyldecanol and bisabolol. A method of reducing the synthesis of melanin by using said cosmetic compositions is also disclosed herein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3898/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COSMETIC COMPOSITIONS AND METHODS FOR INHIBITING MELANIN SYNTHESIS

(51) International classification :A61K8/42,A61Q19/02,A61K8/34

(31) Priority Document No :61/817961

(32) Priority Date :01/05/2013

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

(86) International Application
No :PCT/US2014/036285

Filing Date :01/05/2014

(87) International Publication
No :WO 2014/179520

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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Ohio 45202 U.S.A.

(72)Name of Inventor :

1)LAUGHLIN II Leo Timothy

2)HAKOZAKI Tomohiro

3)TANAKA Shuhei

(57) Abstract :

A cosmetic composition suitable for topical application for example is provided. In some examples the cosmetic composition may include batyl alcohol undecylenoyl phenylalanine hexyldecanol and bisabolol. A method of reducing the synthesis of melanin by using the cosmetic compositions is also disclosed herein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.369/DEL/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : A DEVICE FOR MANAGEMENT AND/OR TREATMENT OF JOINT INFLAMMATION

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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SECTOR-125, NOIDA-201303, UP, INDIA. Uttar Pradesh India

(72)Name of Inventor :

1)MAYANK SHUKLA

2)SHYAM SUNDER AGRAWAL

(57) Abstract :

The present invention relates to a device which allows simultaneous application of cryotherapy, electrotherapy and compression therapy for acute management of joint inflammation preferably ankle inflammation involving edema, pain, redness, increased temperature and loss of function. The device is in characteristic shape of various joints contours preferably made of firm plastic which is precast with a special soft material of rubber and/or foam that can be cooled and fitted with electrodes of carbon rubber for stimulation with the micro-current for management of acute joint inflammation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3791/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRIVING ASSISTANCE DEVICE AND DRIVING ASSISTANCE METHOD

(51) International classification :G08G1/16,B60K28/06,B60K28/10	(71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan
(31) Priority Document No :NA	
(32) Priority Date :NA	
(33) Name of priority country :NA	
(86) International Application No :PCT/JP2012/079026	(72)Name of Inventor : 1)FUJITA Yoshitaka
Filing Date :08/11/2012	
(87) International Publication No :WO 2014/073079	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention is provided with: a travelable region detection device for detecting a travelable region for a vehicle; a travel control device for controlling the vehicle so as to travel in the travelable region detected by the travelable region detection device; a vehicle operation device for operating vehicle behavior; and a control device for performing after the control performed by the travel control device is commenced a control so as to suppress the amount of control performed by the travel control device until a tracking operation performed by the driver on the vehicle operation device to track the travelable region is detected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3792/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : EXHAUST GAS PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/08,F01N3/20,F01N3/28
(31) Priority Document No :2012245210
(32) Priority Date :07/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079137
Filing Date :28/10/2013
(87) International Publication No :WO 2014/073408
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
Japan
(72)Name of Inventor :
1)KAWAGUCHI Bungo
2)SHIRASAWA Takeru
3)ODA Tomihisa

(57) Abstract :

The purpose of the present invention is to reduce the amount of NOx emitted into the air. In this exhaust gas purification device the amount of ammonia adsorbed on an SCR catalyst is calculated by subtracting the amount of ammonium nitrate formed on the SCR catalyst from the amount of ammonia adsorbed on the SCR catalyst at starting an internal combustion engine. In a case where the NOx purification efficiency estimated from the calculated amount of ammonia adsorbed on the SCR catalyst is lower than a threshold the amount of NO flowing into the SCR catalyst is adjusted to a level lower than that set in a case where the purification efficiency is equal to or higher than the threshold.

No. of Pages : 53 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3793/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DYNAMIC SELECTION OF STORAGE TIERS

(51) International classification	:G06F12/02
(31) Priority Document No	:13/675718
(32) Priority Date	:13/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/069669
Filing Date	:12/11/2013
(87) International Publication No	:WO 2014/078303
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMAZON TECHNOLOGIES INC.
Address of Applicant :PO Box 81226 Seattle WA 98108 1226
U.S.A.
(72)**Name of Inventor :**
1)THOMAS Nathan Bartholomew

(57) Abstract :

An operating system is configured to receive a request to store an object that does not specify the location at which the object should be stored. The request might also include an optimization factor and one or more object location factors. The operating system might also generate object location factors or retrieve object location factors from one or more external locations. Object location factors might also be utilized that are based upon properties of the object to be stored. Utilizing the object location factors and the optimization factor if provided the operating system dynamically selects an appropriate storage tier for storing the object. The tiers might include a local storage tier a local network storage tier a remote network storage tier and other types of storage tiers. The object is then stored on the selected storage tier. The object may be retrieved from the storage tier at a later time.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3899/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WEARING POINT ATTACHMENT FOR PLOUGH SHARE WITH ASYMMETRIC HOLE PATTERN

(51) International classification :A01B15/06,A01B23/02,E02F9/28

(31) Priority Document No :20121381

(32) Priority Date :21/11/2012

(33) Name of priority country :Norway

(86) International Application No :PCT/NO2013/050195

Filing Date :14/11/2013

(87) International Publication No :WO 2014/081308

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KVERNELAND GROUP OPERATIONS NORWAY AS

Address of Applicant :N 4355 Kverneland Norway

(72)Name of Inventor :

1)SKJ†VELAND Magne

(57) Abstract :

An attachment system for a wearing point (3) on a plough share (11) is described in which a holder (2) for a wearing point (3) is arranged to be fixed to the plough share (11) and in which one of the holder (2) and the wearing point (3) is formed with guide elements (211 311) forming connection pin (21) and the other one of the holder (2) and the wearing point (3) is provided with guide elements (211 311) forming a complementary connection socket (31) wherein the holder (2) is provided with first and second bolt hole groups (22 22) the first bolt hole group (22) being complementary to an attachment hole group (111) of a left hand plough share (11a) and the second bolt hole group (22) being complementary to an attachment hole group (111) of a right hand plough share (11b).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3102/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DIESEL DETERGENT WITHOUT A LOW MOLECULAR WEIGHT PENALTY

(51) International classification :C10L1/22,C10L1/222,C10L1/224

(31) Priority Document No :61/717161

(32) Priority Date :23/10/2012

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

(86) International Application No :PCT/US2013/066135

Filing Date :22/10/2013

(87) International Publication No :WO 2014/066361

(61) Patent of Addition 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)BUSH ,James H.

2)BARBOUR ,Robert H.

3)MORETON, David J.

4)GREENFIELD, Hannah

5)STEVENSON Paul R.

6)ARTERS ,David C.

(57) Abstract :

The composition of the present invention related to a quaternary ammonium salt detergent and the use of such quaternary ammonium salt detergents in a fuel composition to reduce diesel injector deposits and remove or clean up existing deposits on the diesel injectors.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3103/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RECYCLE GAS COOLER SYSTEMS FOR GAS- PHASE POLYMERIZATION PROCESSES

(51) International classification :F28F19/00,F28D7/16,F28F9/26
(31) Priority Document No :61/725119
(32) Priority Date :12/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069420
Filing Date :11/11/2013
(87) International Publication No :WO 2014/074981
(61) Patent of Addition 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)DIETSCHE, Laura, J.;
2)SWECKER ,James L.
3)BLOOD, Mark ,W.
4)CAI, Ping;
5)HUSSEIN ,F. ,David

(57) Abstract :

Disclosed herein are improvements in recycle gas cooler systems in gas- phase polymerization processes that reduce the tendency for cooler fouling ,including a recycle gas cooler system comprising a shell -and -tube heat exchanger. One or more of the tubes of the shell- and -tube heat exchanger may have a flared tube inlet at the tube sheet. The shell- and -tube heat exchanger may also be coupled to a straight inlet pipe having a length that is either at least about 5 times the inner diameter of the straight inlet pipe or at least about 15 feet, whichever is greater.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3800/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : OPTICAL FIBER / ELECTRICAL COMPOSITE CABLE ASSEMBLY WITH SEALED BREAKOUT KIT

(51) International classification :G02B6/40,G02B6/36
(31) Priority Document No :61/728020
(32) Priority Date :19/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061530
Filing Date :25/09/2013
(87) International Publication No :WO 2014/077956
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ISLAM Nahid

(57) Abstract :

A cable breakout kit has a cable portion an inner wall portion and a furcation portion with at least one fiber port. The cable portion and the furcation portion are dimensioned to couple with one another enclosing a furcation area. The inner wall portion is coupled to the furcation portion and a fiber bundle of the cable enclosing a fiber area within the furcation area; the fiber area is coupled to the at least one fiber port. An assembly including a cable with a fiber and an electrical conductor utilizes a transition housing to pass the fiber and conductor to respective furcation tubes isolated from one another. The fiber area isolated from the furcation area and the furcation portion.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3801/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SEALING ORIENTED FILMS

(51) International classification	:B29C65/08,B65B51/22	(71)Name of Applicant :
(31) Priority Document No	:12191702.5	1)BOREALIS AG
(32) Priority Date	:07/11/2012	Address of Applicant :IZD Tower Wagramerstrasse 17 19 A
(33) Name of priority country	:EPO	1220 Vienna Austria
(86) International Application No	:PCT/EP2013/073264	(72)Name of Inventor :
Filing Date	:07/11/2013	1)BROEDERS Bert
(87) International Publication No	:WO 2014/072403	2)TRYNER Manfred
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for sealing a machine direction oriented polypropylene or polyethylene film to a substrate comprising bringing said film and said substrate into contact and subjecting at least a part of the contact area to ultrasound so as to form a seal between said film and said substrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3908/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR MANUFACTURING HIGHLY HEAT RESISTANT SOUND ABSORBING AND SCREENING MATERIAL

(51) International classification	:B60R13/08,B60R13/00	(71)Name of Applicant :
(31) Priority Document No	:1020120124945	1)HYUNDAI MOTOR COMPANY
(32) Priority Date	:06/11/2012	Address of Applicant :12 Heolleung ro Seocho gu Seoul 137
(33) Name of priority country	:Republic of Korea	938 Republic of Korea
(86) International Application No	:PCT/KR2013/010027	2)KIA MOTORS CORPORATION
Filing Date	:06/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/073860	1)KIM Keun Young
(61) Patent of Addition to Application	:NA	2)LEE Jung Wook
Number	:NA	3)SEO Won Jin
Filing Date	:NA	4)LEE Won Ku
(62) Divisional to Application Number	:NA	5)LEE Su Nam
Filing Date	:NA	6)CHO Byung Cheol

(57) Abstract :

The present invention relates to a method for manufacturing a highly heat resistant sound absorbing and screening material and more specifically comprising: a rear surface fiber mixing step; a web forming step; a web stacking step; a needle punching step; a binder impregnating step; and a solvent recovering step. The highly heat resistant sound absorbing and screening material manufactured according to the present invention is installed on an area closest to the source of noise from an engine and an exhaust system to reduce radiated noise from the engine and the exhaust system thereby improving quietness inside a vehicle and is applied to areas surrounding metal parts that are hotter than 200 thereby performing a heat shielding function to protect plastic and rubber parts.

No. of Pages : 62 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3909/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMBINATION

(51) International classification :A61K31/501,A61K31/517
(31) Priority Document No :61/716780
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065827
Filing Date :21/10/2013
(87) International Publication No :WO 2014/066202
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GILMER Tona M.
2)KUMAR Rakesh

(57) Abstract :

The present invention relates to a method of treating cancer in a human and to pharmaceutical combinations useful in such treatment. In particular the method relates to a cancer treatment method that includes administering N {3 Chloro 4 [(3fluorobenzyl)oxy]phenyl} 6 [5 ({[2 (methanesulphonyl)ethyl]amino}methyl) 2 furyl] 4 quinazolinamine or a pharmaceutically acceptable hydrate and/or salt thereof and N{(1S) 2 amino 1 [(3 4 difluorophenyl)methyl]ethyl} 5 chloro 4 (4 chloro 1 methyl 1 H pyrazol 5 yl) 2 furancarboxamide or a pharmaceutically acceptable salt thereof to a human in need thereof.

No. of Pages : 53 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3799/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS OF PRINTING ON A PLASTIC SUBSTRATE AND ELECTROSTATIC INK COMPOSITIONS

(51) International classification :B41J2/06,C09D11/00,C09D11/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/073112
Filing Date :20/11/2012
(87) International Publication No :WO 2014/079482
(61) Patent of Addition 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)SHOTRI Igor
3)TEISHEV Albert

(57) Abstract :

Methods of Printing and Electrostatic Ink Compositions Here is described a method of printing on a plastic substrate the method comprising: providing an electrostatic ink composition comprising a carrier liquid and particles comprising a resin and a slip agent dispersed in the carrier liquid; forming a latent electrostatic image on a surface; contacting the surface with the electrostatic ink composition such that at least some of the particles and the slip agent are transferred to the surface to form a developed toner image on the surface; and transferring the toner image to the plastic substrate. Electrostatic ink compositions and plastic substrates are also disclosed.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3903/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR BACKFIELD REDUCTION IN ELECTRONIC ARTICLE SURVEILLANCE (EAS) SYSTEMS

(51) International classification	:G08B13/24
(31) Priority Document No	:61/715722
(32) Priority Date	:18/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/041669
Filing Date	:17/05/2013
(87) International Publication No	:WO 2014/062238
(61) Patent of Addition 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)SOTO Manuel A.

(57) Abstract :

Method for reducing undesired alarms in an electronic article surveillance (EAS) system involves measuring a tag response at a first and second pedestal to obtain contemporaneous first and second tag responses. The tag responses are compared to evaluate relative signal strength and thereby discern a lesser signal strength tag response. A reduced level exciter drive signal is applied to a selected one of the first and second pedestals associated with the lesser signal strength tag response. A. detection zone is then monitored to determine the occurrence of a third tag response resulting from the reduced level exciter signal. The approximate location of the tag in relation to the first and second pedestals is determined based on the first second and third tag responses.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3904/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD DEVICE AND APPARATUS FOR CONTROLLING SCREEN ROTATION

(51) International classification :G06F3/0484
(31) Priority Document No :201310184731.1
(32) Priority Date :17/05/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/076197
Filing Date :25/04/2014
(87) International Publication No :WO 2014/183546
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JIN Fan

3)ZHANG Yuwen

(57) Abstract :

Embodiments of the present disclosure relate to the field of mobile terminal. Disclosed are a method device and apparatus for controlling screen rotation. A posture of a mobile terminal when a screen enters a full screen display state serves as an initial posture and in a process of real time changes in the posture of the mobile terminal the initial posture is used as a reference posture to determine whether or not a display direction of the screen is to be rotated. In the present disclosure because the reference posture for screen rotation is not fixed to a vertical state but rather the posture of the screen when entering the full screen display state is relied on as the reference posture mistaken rotation of the display direction of the screen is prevented thus enhancing user experience.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3905/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYDROTREATING AND DEWAXING PROCESS

(51) International classification :C10G45/00,C10G47/00,C10G49/22
(31) Priority Document No :12194540.6
(32) Priority Date :28/11/2012
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2013/074695
Filing Date :26/11/2013
(87) International Publication No :WO 2014/082985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
**1)HUVÉ Laurent Georges
2)CHUA Meng Loong**

(57) Abstract :

The invention provides a process for hydrotreating and dewaxing a hydrocarbon feedstock comprising the steps of: (a) hydrotreating the feedstock under hydrotreating conditions in a first reaction zone to obtain a first stage hydrotreated effluent; and (b) introducing at least part of the first stage hydrotreated effluent into a second reaction zone in which the first stage hydrotreated effluent is subjected to a series of alternating dewaxing steps and hydrotreating steps which dewaxing steps are carried out under catalytically dewaxing conditions and the hydrotreating steps are carried out under hydrotreating conditions wherein the first step in the series of alternating dewaxing and hydrotreating steps is a dewaxing step and the last step of the series of alternating dewaxing and hydrotreating steps is a hydrotreating step and the dewaxing steps are carried out with a dewaxing catalyst which comprises a Group VIII metal hydrogenation component dealuminated aluminosilicate zeolite crystallites and a low acidity refractory oxide binder material which is essentially free of alumina.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3804/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A GRAPHICAL USER INTERFACE FOR A PORTABLE COMPUTING DEVICE

(51) International classification :G06F3/0488,G06F3/0482
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/FI2012/051143
Filing Date :20/11/2012
(87) International Publication No :WO 2014/080066
(61) Patent of Addition 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)ROPPOLA Jaakko Tapani Samuel
3)SCHLE Martin

(57) Abstract :

The invention relates to handling of a graphical user interface of a computing device comprising a display and a touch screen. The method for the computing device comprises displaying a user interface element on the display opening a menu structure on a side of the element by a touch on the touch screen and activating a menu option from the menu structure by positioning the menu option within a selection area of the menu structure by a touch. The invention further relates to an apparatus that is configured to perform the method and a computer program product comprising instructions to perform the method.

No. of Pages : 34 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3806/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MANAGING APPLICATIONS IN MULTITASKING ENVIRONMENT

(51) International classification :G06F3/0481,G06F9/44,G06F11/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/FI2012/051142
Filing Date :20/11/2012
(87) International Publication No :WO 2014/080065
(61) Patent of Addition to Application Number :NA
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)GERDT Petri Mikael
3)ROPPOLA Jaakko Tapani Samuel
4)SCHLE Martin

(57) Abstract :

The invention relates to a method program product and computer for managing computer programs in a running state on a computer operating system. The computer programs have at least one normal user interface representation such as a window for receiving input from a user and producing output to a user. Reduced representations of normal user interface representations are formed for the computer programs so that the reduced representations can be presented simultaneously on a display of the computer. A selection input is received from a user for selecting a reduced representation of a second computer program for providing a normal user interface representation of the second program to a user in response to the selection input. At least a part of the normal user interface representation of the first program simultaneously with the reduced representations where the reduced representations are indicative of states of the computer programs.

No. of Pages : 33 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3911/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POSITIONING NODE AND METHOD THEREIN

(51) International classification :H04W64/00,G01S5/02,H04W48/16
(31) Priority Document No :61/713265
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/059079
Filing Date :03/10/2013
(87) International Publication No :WO 2014/057398
(61) Patent of Addition 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)BALDEMAIR Robert
3)KAZMI Muhammad

(57) Abstract :

Some embodiments herein disclose a method in a second node (12 13) for performing a positioning measurement on at least uplink signals transmitted by a wireless device (10) served by a first node (12) in a wireless communication network (1). The second node (12 13) obtains information related to a non contiguous uplink configuration associated with a carrier frequency wherein the non contiguous uplink configuration further comprises one or more multi cluster uplink transmissions from the wireless device (10). Furthermore the second node (12 13) performs a positioning measurement on at least signals transmitted by the wireless device (10) in the one or more multi cluster transmissions determined based on the obtained information.

No. of Pages : 70 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3912/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR RADIO RESOURCE MANAGEMENT

(51) International classification :H04L27/26,H04W56/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/051294
Filing Date :23/11/2012
(87) International Publication No :WO 2014/081359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARKVALL Stefan

(57) Abstract :

A radio resource allocation method in a communication node is disclosed. The method comprises determining (424) that a first time reference or a first communication using a first component carrier has a time shift compared to a second time reference of a second communication using a second component carrier. The method further comprises determining (426) a duration of a communication sub frame based on the time shift and scheduling (428) the determined communication sub frame on a first component carrier to a first communication device. The determined frame duration is equal to the time shift or equal to the normal sub frame length minus the time shift so as to avoid any overlap or interference. Corresponding computer program product arrangement communication node and first communication device are also disclosed.

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3203/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : USE OF AN ION EXCHANGE MEMBRANE TO REMOVE IMPURITIES FROM CELL -BINDING AGENT CYTOTOXIC AGENT CONJUGATES

(51) International classification :A23J1/10,A61K47/48,C07K16/46
(31) Priority Document No :61/709871
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063503
Filing Date :04/10/2013
(87) International Publication No :WO 2014/055893
(61) Patent of Addition 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)CHENG ,Wenjie

(57) Abstract :

The invention provides processes for preparing purified cell- binding agent cytotoxic agent conjugates comprising subjecting a mixture comprising a cell- binding agent cytotoxic agent conjugate and one or more impurities to an ion exchange chromatography membrane to remove at least a portion of the impurities from the mixture, thereby providing a purified cell- binding agent cytotoxic agent conjugate.

No. of Pages : 70 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3807/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD AN APPARATUS AND A COMPUTER PROGRAM PRODUCT FOR CREATING A USER INTERFACE VIEW

(51) International classification :G06F3/0481,G06T19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/FI2012/051141
Filing Date :20/11/2012
(87) International Publication No :WO 2014/080064
(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)HARJU Mikko Antero
4)SCHLE Martin

(57) Abstract :

The invention relates to a method for an apparatus having a display and a user interface view wherein the user interface view comprises user interface components. The user interface components are differentiated according to their characteristics into at least content components and effect components wherein the method comprises automatically creating a theme by means of a source image; adjusting the created theme automatically based on sensor data; and rendering the user interface view on the display according to the theme wherein the theme defines a common appearance of content components and to define the effect of at least one effect component. The invention also relates to a technical equipment for performing the method.

No. of Pages : 35 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3809/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BLOWING METHOD AND DEVICE FOR PRODUCING STEEL USING JETS OF HOT AIR

(51) International classification :C21C5/35,C21C5/46,F27D3/16
(31) Priority Document No :10 2012 022 703.5
(32) Priority Date :21/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/074330
Filing Date :21/11/2013
(87) International Publication No :WO 2014/079907
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)BROTZMANN Karl

(57) Abstract :

The invention relates to a blowing method for producing steel from molten raw iron in converters. The invention is characterized in that at least one jet of hot air is sprayed onto the molten raw iron from at least one nozzle of at least one spraying device into the converter chamber over the molten raw iron. The hot air exiting in the form of a jet has a pressure difference ranging from 0.05 0.1 MPa between the inlet into the nozzle and the outlet out of the nozzle.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3916/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SURGICAL SYSTEM

(51) International classification:A61B17/58,A61B17/56,A61F2/46

(31) Priority Document No :2012904715

(32) Priority Date :26/10/2012

(33) Name of priority country :Australia

(86) International Application
No :PCT/AU2013/001069

Filing Date :18/09/2013

(87) International Publication
No :WO 2014/063181

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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2)COOPER David John

3)WADLEY David John

4)FORD Martin John

(57) Abstract :

The present invention relates to inter alia a surgical system for monitoring the orientation of a surgical device relative to a patient s anatomy the system comprising: a. A patient sensor for sensing the orientation of the patient s anatomy; b. An orientation sensor for sensing the orientation of a surgical device; and c. A monitor for monitoring the orientation of the surgical device relative to the sensed patient s anatomy.

No. of Pages : 71 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3918/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR DEMODULATING GFSK MODULATED SIGNALS WITH Q STATES

(51) International classification	:H04L25/03,H04L27/10	(71)Name of Applicant :
(31) Priority Document No	:1260374	1)SAGEM DEFENSE SECURITE
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(33) Name of priority country	:France	Boulogne Billancourt France
(86) International Application No	:PCT/EP2013/072675	(72)Name of Inventor :
Filing Date	:30/10/2013	1)CHIODINI Alain
(87) International Publication No	:WO 2014/067980	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for demodulating and decoding at least one received signal modulated with Q states by means of Gaussian frequency shift keying said signal being received from a communication channel and comprising a message consisting of message symbols said method being characterised in that in order to determine a message symbol: a plurality of possible phase increments are estimated by the application of a linear filter to a plurality of sequences of M products of modulation with Q states by phase shifting of possible consecutive message symbols; the cumulated phase of the preceding iterations of the method is added to each of said possible phase increments in order to provide an estimated phase; and the message symbol is determined by selecting possible consecutive symbols of which the estimated phase is the closest to the received signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3813/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED AIRBAG WITH ENHANCED GAS DIFFUSER

(51) International classification :B60R21/2346,B60R21/261
(31) Priority Document No :13/669320
(32) Priority Date :05/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068377
Filing Date :05/11/2013
(87) International Publication No :WO 2014/071336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KALANDEK Bruce Andrew

(57) Abstract :

An improved airbag assembly (20) has an inflator (40) an airbag (20) and a diffuser (70). The diffuser (70) is formed from two folded inner and outer pocket panel layers of fabric and sewn to the airbag (20). The folded inner pocket layer (71) is configured to fit inside the outer pocket layer (73) forming a two layer structure. The fold (75) in the inner layer (71) is oriented in a first direction relative to the weave of the fabric and the fold of the outer layer (73) is oriented at a second direction relative to the weave of the fabric wherein the second direction is different from the first direction. The first direction and second direction of folds (75 77) are inclined relative to the other so upon assembly the inner pocket layer (71) fabric weave is directionally inclined on a bias relative to the outer pocket layer (73) fabric weave.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3814/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PEPTIDES

(51) International classification :C07K14/755,A61K38/00,A61K39/00
(31) Priority Document No :1220328.7
(32) Priority Date :12/11/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2013/060060
Filing Date :11/11/2013
(87) International Publication No :WO 2014/072958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Diepenbeek Belgium
(72)Name of Inventor :
1)WRAITH David
2)STREETER Heather

(57) Abstract :

The present invention provides peptides partly derivable from FVIII which are capable of binding to an MHC class II molecule without further antigen processing and being recognised by a factor VIII specific T cell. In particular the present invention provides peptides comprising the sequence DNIMVTFRNQASRPY or PRCLTRYYSFVNME with modifications at the N and C termini. The present invention also relates to the use of such a peptide for the prevention or suppression of inhibitor antibody formation in haemophilia A and/or acquired haemophilia.

No. of Pages : 74 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3924/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUBSTRATE EQUIPPED WITH A MULTILAYER COMPRISING A PARTIAL METAL FILM GLAZING UNIT AND PROCESS

(51) International classification :C03C17/36,E06B3/36
(31) Priority Document No :1261191
(32) Priority Date :23/11/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052830
Filing Date :22/11/2013
(87) International Publication No :WO 2014/080141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAINT GOBAIN GLASS FRANCE
Address of Applicant :18 Avenue d'Alsace F 92400
Courbevoie France
2)C.N.R.S.
(72)Name of Inventor :
1)ALZATE Lina
2)DALMAS Davy
3)BARTHEL Etienne
4)NICOLAS David
5)GEORGES Benoit

(57) Abstract :

The invention relates to a substrate (30) coated on one face (31) with a thin film multilayer (34) comprising at least one functional metal film (140) based on silver or made of silver and two antireflection coatings (120 160) said antireflection coatings each comprising at least one antireflection layer (124 164) said functional film (140) being placed between the two antireflection coatings (120 160) characterised in that said functional metal film (140) is a discontinuous film providing a degree of surface coverage comprised between 50% and 90% or even between 53% and 83%.

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3925/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CHIMERIC VACCINE ANTIGENS AGAINST HEPATITIS C VIRUS

(51) International classification :A61K39/12

(31) Priority Document No :20120153

(32) Priority Date :05/11/2012

(33) Name of priority country :Cuba

(86) International Application No :PCT/CU2013/000006

Filing Date :28/10/2013

(87) International Publication No :WO 2014/067498

(61) Patent of Addition 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)DUE'AS CARRERA Santiago

2)AGUILAR NORIEGA Daylen

3)AMADOR CA'IZARES Yalena

4)ALVAREZ LAJONCHERE PONCE DE LEN Liz

5)MART • NEZ DONATO Gillian

6)GONZALEZ BLANCO Sonia

(57) Abstract :

The invention relates to chimeric vaccine antigens against hepatitis C virus (HCV) comprising selected regions of different antigens of said virus which are placed in a pre determined order inside the polypeptide. In addition said chimeric antigens can include artificially formed specific epitopes for auxiliary T cells. The chimeric antigens and the resulting vaccine compositions are suitable for use in medicine and the pharmaceutical industry as well as being suitable for prophylactic and/or therapeutic use against HCV. The vaccine compositions of the invention generate a powerful broad spectrum immune response against different antigens of the virus with a minimum number of components.

No. of Pages : 57 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3926/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED FLOW REACTOR

(51) International classification :B01F5/06,B01F11/00,B01J19/00
(31) Priority Document No :1219476.7
(32) Priority Date :30/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/072739
Filing Date :30/10/2013
(87) International Publication No :WO 2014/068011
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ASHE MORRIS LTD
Address of Applicant :Sterling House Centre Park Warrington
Cheshire WA1 1GC U.K.
(72)Name of Inventor :
1)ASHE Robert

(57) Abstract :

A tubular reactor provided with means whereby the tube may be rotated through reciprocating arcs about the longitudinal axis of the tube to provide radial mixing combined with plug flow to enable a reaction wherein process material continuously passes through the tubular reactor operating at predetermined reaction conditions. Static and/or dynamic mixers or agitators may be provided within the tubular reactor.

No. of Pages : 22 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3816/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RUBBER MIXTURES CONTAINING SHORT CHAIN ALKYL ESTERS OF GLYCERIN

(51) International classification :B60C1/00,C08K5/10,C08L9/00
(31) Priority Document No :12195403.6
(32) Priority Date :04/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075449
Filing Date :04/12/2013
(87) International Publication No :WO 2014/086810
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)FELDHUES Ulrich
2)UNTERBERG Heinz
3)WEIDENHAUPT Hermann Josef
4)WIEDEMEIER JARAD Melanie
5)HAGEMANN Jrg

(57) Abstract :

The invention relates to rubber mixtures each of which contains at least one non polar rubber soot and short chain alkyl esters of glycerine to the production and use of said rubber mixtures and to vulcanizates which can be obtained using said rubber mixtures.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3817/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENTITY BASED ADVERTISEMENT TARGETING

(51) International classification	:G06Q30/02,G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:61/720950	1)GOOGLE INC.
(32) Priority Date	:31/10/2012	Address of Applicant :1600 Amphitheatre Parkway Mountain
(33) Name of priority country	:U.S.A.	View CA 94043 U.S.A.
(86) International Application No	:PCT/US2013/066219	(72)Name of Inventor :
Filing Date	:22/10/2013	1)WALD Gideon
(87) International Publication No	:WO 2014/070530	2)CUSHING Kathryn
(61) Patent of Addition to Application	:NA	3)WIL TZIUS Thomas Christain
Number	:NA	4)MARRA Gregory Matthew
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various aspects of the subject technology relate to systems methods and machine readable media for targeting an advertisement based on an entity. A system is configured to receive a search query submitted by a user identify an entity in a concept entity graph based on the search query determine whether an advertisement corresponds to the identified entity and provide if the advertisement corresponds to the entity the advertisement for display to the user.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3818/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROVIDING NETWORK ACCESS TO A DEVICE ASSOCIATED WITH A USER ACCOUNT

(51) International classification	:G06F21/30,G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:13/665816	1)GOOGLE INC.
(32) Priority Date	:31/10/2012	Address of Applicant :1600 Amphitheatre Parkway Mountain
(33) Name of priority country	:U.S.A.	View CA 94043 U.S.A.
(86) International Application No	:PCT/US2013/067617	(72)Name of Inventor :
Filing Date	:30/10/2013	1)KUSCHER Alexander Friedrich
(87) International Publication No	:WO 2014/070955	2)WUELLNER Trond Thomas
(61) Patent of Addition to Application	:NA	3)LIU Kan
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for registering a client device to obtain network access from a provider device. A server receives an authorization request for a user account to provide network access from provider devices associated with the user account to client devices associated with the user account. The server receives a unique identifier for each of the client devices and provides the unique identifier for each of the client devices to each of the provider devices. The server provides an indication to at least one provider device to monitor for a request for network access from at least one client device the request from the client device comprising the unique identifier of the client device. The provider device is configured to provide network access information to the client device in response to the request.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3931/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYNTHETIC PEPTIDE BASED EMERGENCY VACCINE AGAINST FOOT AND MOUTH DISEASE (FMD)

(51) International classification :A61K39/12,A61K38/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/065386
Filing Date :16/11/2012
(87) International Publication No :WO 2014/077825
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNITED BIOMEDICAL INC.
Address of Applicant :25 Davids Drive Hauppauge New York
11788 U.S.A.
(72)Name of Inventor :
1)WANG Chang Yi

(57) Abstract :

Synthetic FMD peptide immunogens and compositions containing the same are disclosed. Methods for detecting treating and preventing an FMD infection in an animal using the synthetic FMD peptide immunogens are also disclosed. In a specific embodiment a peptide based emergency vaccine and formulations thereof against Foot and Mouth Disease is described. Various vaccine formulations contain a mixture of peptides derived from FMDV VP1 protein; each peptide containing a B cell FMDV neutralizing/receptor binding epitope sequence linked to an artificial Th epitope to enhance the immunogenicity of each peptide. Disclosed vaccine formulations containing viral immunogens can optionally be supplemented with a mixture of peptides representing the FMDV endogenous Th epitopes derived from FMDV proteins homologues and functional analogues thereof. Such viral peptide compositions are prepared in an acceptable delivery system as vaccine formulations and can provide protection pigs and cattle from infection upon FMDV challenge with only single administration.

No. of Pages : 204 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3932/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INJECTION MOLD WITH FAIL SAFE PRESSURE MECHANISM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:B29C45/76,B29C45/84 :13/672246 :08/11/2012 :U.S.A. :PCT/US2013/069023 :08/11/2013 :WO 2014/074760 :NA :NA :NA :NA	(71)Name of Applicant : 1)IMFLUX INC. Address of Applicant :3550 Symmes Road Hamilton OH 45015 U.S.A. (72)Name of Inventor : 1)ALTONEN Gene Michael 2)NEUFARTH Ralph Edwin 3)BREIDENBACH Vincent Sean 4)LUMPKIN Danny David 5)PRATEL Dennis James 6)DAVIS III Walter Thomas
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(57) Abstract :

A low pressure injection mold includes a failsafe pressure mechanism that prevents the low pressure injection mold from being subjected to excessive injection pressures or excessive clamping tonnage that could damage the low pressure injection mold.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3241/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ADAPTOR FOR MULTIDOSE MEDICAL CONTAINER

(51) International classification	:A61J1/14,A61J1/20
(31) Priority Document No	:12306460.2
(32) Priority Date	:26/11/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/074545
Filing Date	:25/11/2013
(87) International Publication No	:WO 2014/080002
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PEROT ,Frdric

2)PLOUVIER, Adrien

3)LAGIER ,Anick

(57) Abstract :

The invention relates to an adaptor (10) for coupling with a medical container (1) filled with a number N of doses of a product ,comprising: a gripping member (20) for securing the adaptor to the medical container, said gripping member including one needle access port (30) intended to face the outer surface of the septum of the medical container ,- marking means (41 , 42, 42a) coupled to said needle access port , for designating to a user a not yet pierced area of said outer surface , for completing the next of said N successive piercings. The invention also relates to an assembly comprising a medical container and such an adaptor.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3811/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRUG DELIVERY DEVICE FOR THE TREATMENT OF PATIENTS WITH RESPIRATORY DISEASES

(51) International classification	:A61M15/00,A61M16/00	(71)Name of Applicant :
(31) Priority Document No	:12191562.3	1)CHIESI FARMACEUTICI S.P.A.
(32) Priority Date	:07/11/2012	Address of Applicant :Via Palermo 26/A I 43100 Parma Italy
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/072988	1)PARRY BILLINGS Mark
Filing Date	:05/11/2013	2)SCURI Mario
(87) International Publication No	:WO 2014/072268	3)TAVERNA Maria Chiara
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Drug delivery devices are described that include a microphone and processing circuitry that can detect operating events such as peak inspiratory flow (PIF) and Breath Actuated Mechanism (BAM) in dry powder inhalers. This information can be used to improve clinical trials by providing information about the way in which the inhalers under test are being used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3920/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYVALENT POLLUTION REMOVAL COMPOSITION AND USE THEREOF

(51) International classification	:C09K3/32
(31) Priority Document No	:1261359
(32) Priority Date	:28/11/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/052890
Filing Date	:28/11/2013
(87) International Publication No	:WO 2014/083286
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NEEL Mathilde
2)MATHIEU Laurence
3)BLOMET Joël
4)MEYER Marie Claude

(57) Abstract :

The invention relates to a pollution removal composition comprising: (a) at least one silica gel; and (b) at least one wood derived absorbent agent, characterised in that the silica gel has a grain size distribution of between 60 and 500 μm and a density of between 150 and 400 kg/m^3 . The invention also relates to a pollution removal method using said composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3921/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODIFIED RELEASE FORMULATIONS FOR OPROZOMIB

(51) International classification :C07D277/00,A61K38/06	(71)Name of Applicant :
(31) Priority Document No :61/717975	1)ONYX THERAPEUTICS INC.
(32) Priority Date :24/10/2012	Address of Applicant :249 E. Grand Avenue South San
(33) Name of priority country :U.S.A.	Francisco California 94080 U.S.A.
(86) International Application No :PCT/US2013/066679	(72)Name of Inventor :
Filing Date :24/10/2013	1)JUMAA Mouhannad
(87) International Publication No :WO 2014/066681	2)MUCHAMUEL Tony
(61) Patent of Addition to Application Number :NA	3)BEJUGAM Naveen
Filing Date :NA	4)WONG Hansen
(62) Divisional to Application Number :NA	5)KIRK Christopher J.
Filing Date :NA	6)MANEK Rahul Vishram
	7)SHARMA Sanjeev

(57) Abstract :

This disclosure features modified release pharmaceutical formulations (e.g. extended release pharmaceutical formulations; e.g. solid dosage forms e.g. tablets) that are useful for the oral administration of oprozomib or a pharmaceutically acceptable salt thereof to a human or animal subject as well as methods of making and using the formulations.

No. of Pages : 126 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3922/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS FOR DETECTION OF RESPIRATORY EFFORT AND SLEEP APNEA MONITORING DEVICES

(51) International classification :A61B5/00,A61B5/0295,A61B5/02
(31) Priority Document No :61/723682
(32) Priority Date :07/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068962
Filing Date :07/11/2013
(87) International Publication No :WO 2014/074723
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PARFENOVA Maria
2)PARFENOV Alexandr
3)ZOBIN Yuri

(57) Abstract :

A sleep apnea diagnostic system includes a housing that is configured to be attached to near the nose of a patient's face to sense physiological information of a patient. The housing includes sensors to sense the physiological information. The physiological information may be for example air flow through the nose or the mouth or both. The physiological information further may be for example blood volume. The sleep apnea diagnostic system includes at least one processor in the housing or external to the housing or both to analyze the physiological information to determine whether the patient has experienced irregular or abnormal respiratory activity and to detect respiratory effort. The analysis may be real time or delayed.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3923/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS FOR FORMING INJECTION MOLDING COMPONENT AND QUARTER WINDOW GUIDE RAIL QUARTER WINDOW VEHICLE DOOR AND VEHICLE

(51) International classification	:B60J10/04
(31) Priority Document No	:201310050634.3
(32) Priority Date	:08/02/2013
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2014/071509
Filing Date	:26/01/2014
(87) International Publication No	:WO 2014/121706
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SAINT GOBAIN GLASS FRANCE
Address of Applicant :18 Avenue d'Alsace F 92400
Courbevoie France
(72)Name of Inventor :
1)LIU Lu

(57) Abstract :

Methods for forming a quarter window and an injection molding component a guide rail a quarter window a vehicle door and a vehicle are provided. The guide rail has an extension part. The extension part has a groove with its opening disposed on a surface of the extension part. A protrusion part made of plastics is disposed on the surface of the extension part which surrounds the groove. When the first mold is pressed against the second mold the second mold is pressed on the surface of the extension part and the protrusion part. The protrusion part would deform under force which causes the second mold to be contact closely with the extension part and avoids a gap being generated in the groove between the second mold and the extension part. When the injection pressure is great the guide rail may be pushed downwards. So the protrusion part is subject to a smaller pressure than the injection pressure from the second mold. As a result the deformed protrusion part may recover deformation along a direction opposite to the guide rail being pushed downwards which makes the second mold contact closely with the extension part and avoids a gap being generated in the groove between the second mold and the extension part thus avoids glue overflow structures in the groove.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3823/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD OF PROCESSING REQUESTS FOR DIGITAL SERVICES

(51) International classification	:H04L29/08,H04W92/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SILVERLAKE MOBILITY ECOSYSTEM SDN BHD
(32) Priority Date	:NA	Address of Applicant :Level 2A KPMG Tower First Avenue
(33) Name of priority country	:NA	Bandar Utama Petaling Jaya 47800 Selangor Malaysia
(86) International Application No	:PCT/MY2012/000268	(72)Name of Inventor :
Filing Date	:02/11/2012	1)CHAN Tong Yap
(87) International Publication No	:WO 2014/069978	2)YEONG Chi Long
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of processing requests for different digital services hosted by respective service entities is disclosed. The method comprises receiving a request packet from a communication device the request packet includes source and destination identifiers determining which one of the different digital services the communication device is requesting a service based on the destination identifier authenticating the request packet based on the source identifier to determine an access permission of the communication device for accessing the determined digital service and if the access permission is granted modifying the request packet and forwarding the modified request packet based on the destination identifier to the determined digital service for processing. A related processor and middleware system are also disclosed.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3824/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR CONVEYING FUEL

(51) International classification :F02M37/00,F02M37/22,F02M37/10
(31) Priority Document No :10 2012 220 395.8
(32) Priority Date :08/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/069782
Filing Date :24/09/2013
(87) International Publication No :WO 2014/072116
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BALAZ Jan
3)PTACEK Martin
4)GARCIA BENITEZ Cesar
5)ARIAS ARIAS Jose Luis

(57) Abstract :

In the device according to the invention the filter is arranged in a defined position during installation and then held securely in this position. In this way leakages are prevented. According to the invention projections (12) are provided on the filter housing (4) said projections being movable into an interlocking fit with the retaining means (9) when the filter housing (4) carries out a rotational movement wherein additionally a mechanical connection (13) is provided for securing the interlocking fit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3825/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CUSTOM RESOURCES IN A RESOURCE STACK

(51) International classification :G06F15/16
(31) Priority Document No :13/668151
(32) Priority Date :02/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068088
Filing Date :01/11/2013
(87) International Publication No :WO 2014/071201
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AMAZON TECHNOLOGIES INC.
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U.S.A.
(72)Name of Inventor :
1)JAISINGHANI Avinash
2)KRAMER Reto
3)JAYARAMAN Prashant
4)WHITAKER Christopher
5)BALAKRISHNAN Venkates Paramasivam

(57) Abstract :

A resource stack managed by a resource stack provider is created based on a resource stack template that integrates a custom resource from a second provider into the resource stack using a notification system with the second provider. For example a customer may create a template that defines a resource stack that comprises resources available from the resource stack provider and one or more custom resources provided by a second provider. When a resource stack is created resources available from the resource stack provider may be provisioned. Custom resources may be initialized by notifying the provider of the custom resource of the requested integration of the custom resource with the resource stack and requested configuration details. The custom resource provider may respond with an indication of successful integration when the custom resource has been successfully initialized. After initializing the resources the resource stack may be enabled for use.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3946/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SMALL CRYSTAL FERRIERITE AND METHOD OF MAKING THE SAME

(51) International classification :C01B39/44,B01J29/70	(71)Name of Applicant :
(31) Priority Document No :61/724136	1)PQ CORPORATION
(32) Priority Date :08/11/2012	Address of Applicant :P.O. Box 840 Valley Forge PA 19482
(33) Name of priority country :U.S.A.	0840 U.S.A.
(86) International Application No :PCT/US2013/068438	(72)Name of Inventor :
Filing Date :05/11/2013	1)PETUSHKOV Anton
(87) International Publication No :WO 2014/074492	2)LI Hong Xin
(61) Patent of Addition to Application Number :NA	3)CORMIER William E.
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

There is disclosed a highly crystalline small crystal ferrierite zeolite prepared from a gel containing a source of silica alumina alkali metal and a combination of two templating agents. The resulting material includes ferrierite crystals having a particle size of about or less than about 200 nm. The desired crystal size can be achieved by using a specific composition of the gel. The purity of the material and the crystal size was determined by using X ray powder diffraction and scanning electron microscopy. The material has excellent surface area and micropore volume as determined by nitrogen adsorption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3225/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOCK FOR A SHUTTER OR DOOR

(51) International classification	:E05B85/26
(31) Priority Document No	:10 2012 019 032.8
(32) Priority Date	:27/09/2012
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2013/000534
Filing Date	:19/09/2013
(87) International Publication No	:WO 2014/048410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant :Hseler Platz 2, 42579 Heiligenhaus

Germany

(72)Name of Inventor :

1)FUCHS, Carsten;

(57) Abstract :

The invention relates to a lock for a shutter or door , particularly for a vehicle, with a safety catch consisting of a rotary latch (1) and at least one catch (2) for locking the rotary latch, (1) particularly with a deadlock lever (3) for blocking the catch (2) in the main holding position with a deadlock lever axle (5) and/or catch axle (6) arranged above the rotary latch axle (4). The occurrence of false closures can be avoided because the deadlock lever would be aligned by the force of gravity alone such that it would not be in the deadlock position and/or the catch (2) would be aligned such that it would not be in the main holding position.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3226/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR IDENTIFYING DRY NEBULIZER ELEMENTS

(51) International classification :A61M11/00,B05B17/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/060579
Filing Date :17/10/2012
(87) International Publication No :WO 2014/062175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEKTAR THERAPEUTICS
Address of Applicant :455 Mission Bay Boulevard South,
Suite 100, San Francisco, CA 94158 U.S.A.
(72)**Name of Inventor :**
1)PUMPHREY, Samuel Julius;
2)BARLOW, Montague Fraser;
3)MORLEY, Andrew;
4)SEWELL, Roger;
5)DAY, Richard;

(57) Abstract :

Various arrangements for determining an atomization element of a nebulizer is dry are presented. The vibratable element of the nebulizer may be energized with an electrical signal that sweeps from a first frequency to a second frequency. While energizing the vibratable element of the nebulizer with the electrical signal that sweeps from the first frequency to the second frequency , a sequence of impedance values of the vibratable element of the nebulizer may be measured. The sequence of impedance values of the vibratable element of the nebulizer may be analyzed to determine if the atomization element of the nebulizer is wet or dry.

No. of Pages : 49 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3834/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LIQUID CRYSTAL SHUTTER AND IMAGE CAPTURING APPARATUS

(51) International classification :G02F1/1333,G02F1/1343,G03B9/00
(31) Priority Document No :1020120115532
(32) Priority Date :17/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009249
Filing Date :16/10/2013
(87) International Publication No :WO 2014/061993
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon
si Gyeonggi do 443 742 Republic of Korea
(72)Name of Inventor :
1)SHIM Jae kyu
2)KOO Bon min
3)HAM Yu kyung
4)LEE Kun woo
5)CHO Woo jong

(57) Abstract :

A liquid crystal shutter includes: a first plate including a first transparent electrode layer a second plate disposed parallel to the first plate and including a second transparent electrode layer a liquid crystal layer disposed between the first plate and the second plate and is configured to transmit or block light according to a first potential difference between the first transparent electrode layer and the second transparent electrode layer and a heating electrode configured to generate a second potential difference for generating Joule heating in the first transparent electrode layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3942/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RINSE OFF SKIN CARE COMPOSITIONS CONTAINING CELLULOSIC MATERIALS

(51) International classification :A61K8/73,A61Q19/00,A61K8/02

(31) Priority Document No :13/673477

(32) Priority Date :09/11/2012

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

(86) International Application No :PCT/US2013/068694

Filing Date :06/11/2013

(87) International Publication No :WO 2014/074581

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :199 Grandview Road Skillman New Jersey 08558 U.S.A.

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1)BONNER Patricia

2)KAMINSKI Claudia

3)LIMA LORENZETTI Danielle

4)MAITRA Prithwiraj

5)SALLES MOSCARDI Juliana

6)WU Jeffrey M.

(57) Abstract :

The compositions and methods of this invention relate to a rinse off skin care composition containing hydrophobic linear cellulose particles having an average length of from about 1 to about 1000µm a particle aspect ratio from about 1000 to about 2 and a thickness of from about 1 to about 500µm; at least one cleansing agent selected from the group consisting of a saponified fat and a surfactant; and a cosmetically acceptable carrier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3943/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRANSITION METAL PRECURSOR HAVING LOW TAP DENSITY AND LITHIUM TRANSITION METAL OXIDE HAVING HIGH PARTICLE STRENGTH

(51) International classification :C01G53/00,C01G51/00,C01G45/00
(31) Priority Document No :1020130015206
(32) Priority Date :13/02/2013
(33) Name of priority country:Republic of Korea
(86) International Application No :PCT/KR2014/001107
Filing Date :11/02/2014
(87) International Publication No :WO 2014/126373
(61) Patent of Addition 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)LIM Jinhyung
2)CHANG Sung Kyun
3)CHANG Won Seok
4)PARK Sin Young
5)SHIN Ho Suk
6)OH Hyun Jin
7)HAN Jung Min
8)UHM In Sung
9)JUNG Wang Mo
10)LEE Dong Hun

(57) Abstract :

The present invention relates to a precursor for the preparation of a lithium transition metal oxide and particularly to a transition metal precursor characterized in that the ratio of precursor average particle diameter (D50) and precursor tap density satisfies equation 1 in the specification and a lithium transition metal oxide prepared using the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3944/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TOOLS AND METHOD FOR THE DETECTION AND QUANTIFICATION OF GENETICALLY DIVERSE HIV 1 SIVCPZ AND SIV GOR VIRUSES

(51) International classification	:C12Q1/68,C12Q1/70	(71)Name of Applicant :
(31) Priority Document No	:12192087.0	1)INSTITUT DE RECHERCHE POUR LE
(32) Priority Date	:09/11/2012	DEVELOPPEMENT (IRD)
(33) Name of priority country	:EPO	Address of Applicant :Immeuble le sextant 44BD de
(86) International Application No	:PCT/EP2013/073354	Dunkerque Cs 90009 F 13572 Marseille cedex 9 France
Filing Date	:08/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/072457	1)PEETERS Martine
(61) Patent of Addition to Application	:NA	2)ETIENNE Lucie
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the oligonucleotide of sequence SEQ ID N°1 : 5 CTAGAGATCCCTCAGA 3 and the complementary sequence thereof of sequence SEQ ID N° 2: 5 TCTGAGGGATCTCT AG 3 useful as probes to detect and quantify all HIV 1 circulating forms and their precursors STVcpz/SIVgor.

No. of Pages : 44 No. of Claims : 5

(54) Title of the invention : FULL DUPLEX SIGNALING FOR ARC EVENT PROTECTION

(51) International classification :H02H1/00,H02H7/26,H02J13/00	(71)Name of Applicant :
(31) Priority Document No :13/654988	1)SCHNEIDER ELECTRIC USA INC.
(32) Priority Date :18/10/2012	Address of Applicant :1415 S. Roselle Road Palatine Illinois
(33) Name of priority country :U.S.A.	60067 U.S.A.
(86) International Application No :PCT/US2013/063477	(72)Name of Inventor :
Filing Date :04/10/2013	1)LIPTAK Julius Michael
(87) International Publication No :WO 2014/062397	2)MACKENZIE IV John Kenneth
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

In a power protection and distribution assembly (10) a trip system (24) monitors electrical current and sends a current status signal (30) to an arc flash protection system (26) indicating whether current characteristic of an arc event is detected. The arc flash protection system (26) evaluates this current status signal (30) along with a light status signal (42) indicating whether light characteristic of an arc event has been detected. Based on this evaluation the arc flash protection system (26) sends a control signal (52) to the trip system (24) for controlling the trip system (24) to trip a breaker (16). The systems (24 26) each include a full duplex signaling module (36 40) for sending the signals (30 52) between the systems 10 (24 26) over a pair of conductors (38). Each signaling module (36 40) sends one of the signals (30 52) by modulating the magnitude of a current through or a voltage across the conductors (38) and receives the other signal (52 30) by demodulating the magnitude of the current through or the voltage across the conductors (38) as distinctively modulated by the other signaling module (40 36).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3953/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOCATION INFORMATION MANAGEMENT SYSTEM MOBILE STATION SERVICE MANAGEMENT SERVER MOVEMENT DETECTION METHOD AND NON TRANSITORY COMPUTER READABLE MEDIUM

(51) International classification :H04M3/42,H04M1/00,H04W60/04
(31) Priority Document No :2012260720
(32) Priority Date :29/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005653
Filing Date :25/09/2013
(87) International Publication No :WO 2014/083734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)IWAI Takanori
2)ITO Ko
3)MAEDA Shunsuke

(57) Abstract :

This location information management system is provided with a mobile station (30) and a service management server (40). Said mobile station (30) connects to a mobile communication network. Subsequent to the service management server (40) having received from a service provision server (50) located in an external communication network a movement detection request requesting that movement of the mobile station (30) be detected if the mobile station (30) moves the service management server (40) notifies the service provision server (50) that movement of the mobile station (30) has been detected. Subsequent to the mobile station (30) having received from a base station (10) that serves the area in which the mobile station (30) is located first area information that includes information sent to each mobile station in that area at regular intervals if the mobile station (30) receives second area information that differs from the first area information the mobile station (30) determines itself to have moved and notifies the service management server (40) of that fact.

No. of Pages : 35 No. of Claims : 19

(54) Title of the invention : ABSORBENT ARTICLES WITH CHANNELS

(51) International classification :A61F13/475,A61F13/49,A61F13/532 (31) Priority Document No :13/709169 (32) Priority Date :10/12/2012 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/073350 Filing Date :05/12/2013 (87) International Publication No :WO 2014/093128 (61) 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 PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati OH 45202 U.S.A. (72)Name of Inventor : 1)ROE Donald Carroll 2)KREUZER Carsten Heinrich 3)ROSATI Rodrigo
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(57) Abstract :

The present disclosure is directed in part to an absorbent article that comprises an absorbent core disposed at least partially intermediate a topsheet and a backsheet and a core wrap enclosing an absorbent material. The core wrap comprises a first material and a second material. The first material forms a C wrap at least partially around the second material. The absorbent material comprises at least 80% of superabsorbent polymers by weight of the absorbent material. The absorbent core comprises a channel substantially free of the superabsorbent polymers at least partially oriented in a longitudinal direction of the article and comprising an arcuate portion. The channel has lateral widths taken parallel to a lateral axis of the article. The profile of the lateral widths of the channel over a longitudinal length of at least 50mm of the channel taken along the longitudinal axis is substantially constant.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3821/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR EXTENDING THE OPERATING LIFE OF A WIND TURBINE GEAR TRAIN BASED ON ENERGY STORAGE

(51) International classification	:F03D7/02,F03D9/02	(71)Name of Applicant :
(31) Priority Document No	:61/538955	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:26/09/2011	Address of Applicant :Hedeager 42 8200 Aarhus N Denmark
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/056747	1)HAJ MAHARSI Mohamed
Filing Date	:26/11/2012	
(87) International Publication No	:WO 2013/046193	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind park controller and control method for a wind park (10) are described. The wind park comprises a plurality of wind turbines (20) and an Energy Storage System (24) connected to one another by means of a low voltage power network (22 25) which is in turn coupled to the grid. The controller determines a number of operating parameters of the wind turbine gearbox or drive train and calculates a gearbox or drive train health metric. This can include a measure of the gearbox lifetime. The controller also determines one or more power characteristics of the wind turbine generator or the point of common coupling (26) to determine a power mismatch indication. Based on the power mismatch indication and said gearbox or drive train health metric the controller determines a power command for the Energy Storage System and wind turbines based to improve the gearbox health and lifetime.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3934/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MASTERBATCH COMPRISING A CYCLIC KETONE PEROXIDE

(51) International classification :C08K5/14,C08J3/22,C08J9/40
(31) Priority Document No :61/733556
(32) Priority Date :05/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/075191
Filing Date :02/12/2013
(87) International Publication No :WO 2014/086692
(61) Patent of Addition 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)IACOBUCCI Paul Albert
2)FRIJLINK Wilhelm Klaas
3)FISCHER Bart

(57) Abstract :

Masterbatch comprising a dimeric and/or trimeric cyclic ketone peroxide dispersed in a polymeric matrix with a porosity expressed as percentage of voids on the volume of the matrix of 0.1 80 vol% wherein said masterbatch comprises per 100 g of polymeric matrix 1 30 g dimeric and/or trimeric cyclic ketone peroxide and less than 0.20 g saturated hydrocarbons with 17 51 carbon atoms.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3935/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PEROXIDE MASTERBATCH BASED ON BIORESIN

(51) International classification :C08K5/14,C08J3/22,C08J9/40
(31) Priority Document No :61/733564
(32) Priority Date :05/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/075192
Filing Date :02/12/2013
(87) International Publication No :WO 2014/086693
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
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(72)Name of Inventor :
1)IACOBUCCI Paul Albert
2)FRIJLINK Wilhelm Klaas

(57) Abstract :

Masterbatch comprising one or more organic peroxides in liquid form dispersed in a polymeric matrix comprising at least 50 wt% of a bioresin wherein the polymeric matrix has a porosity expressed as percentage of voids on the volume of the matrix of 2.5 70 vol% and the concentration of water in the masterbatch is kept to 2000 ppm or less based on the total weight of the masterbatch.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3936/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUSTAINED RELEASE FORMULATION COMPRISING OCTREOTIDE AND TWO OR MORE POLYLACTIDE-CO-GLYCOLIDE POLYMERS

(51) International classification	:A61K9/16, A61K38/31
(31) Priority Document No	:0526247.2
(32) Priority Date	:22/12/2005
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2006/012313
Filing Date	:20/12/2006
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5003/DELNP/2008
Filed on	:20/12/2006

(71)Name of Applicant :

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Address of Applicant :Lichtstrasse 35, CH-4056 Basel,
Switzerland Switzerland

(72)Name of Inventor :

1)PETERSEN Holger

2)AHLHEIM Markus

(57) Abstract :

The present invention relates to sustained release formulations comprising as active ingredient octreotide or a pharmaceutically-acceptable salt thereof and two or more different polylactide-co-glycolide polymers (PLGAs).

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3937/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : READY MIX JOINT COMPOUNDS USING NON UNIFORMLY SUBSTITUTED CARBOXYMETHYLCELLULOSE

(51) International classification	:C09D5/00
(31) Priority Document No	:61/724328
(32) Priority Date	:09/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/068915
Filing Date	:07/11/2013
(87) International Publication No	:WO 2014/074696
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PODLAS Thomas J.

(57) Abstract :

The presently disclosed and claimed inventive concept(s) relates generally to a carboxymethylcellulose (CMC) system for use in ready mix joint compounds. More specifically the presently disclosed and claimed inventive concept(s) relates to a non uniformly substituted {blocky} CMC system for use as an efficient thickener and rheology modifier for ready mix joint compounds and the use of a reduced amount of clay for improving the joint compounds.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3938/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WORK MACHINE AND WORK VOLUME MEASUREMENT METHOD FOR WORK MACHINE

(51) International classification :E02F9/20,E02F9/26
(31) Priority Document No :2012254694
(32) Priority Date :20/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080603
Filing Date :12/11/2013
(87) International Publication No :WO 2014/080805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)UEDA Masamichi

(57) Abstract :

A work machine that in order to readily and with high precision measure the number of times a sequence of digging and loading mechanism operations such as digging and loading work occurs comprises: an operation state detection unit (31a) that detects the physical amount output in accordance with the operation of operation levers (41 42); a time integration unit (31b) that calculates a time integrated value being a time integration of the physical amount; a determination unit (31c) that associates the time integrated amount and a prescribed operation angle of the digging and loading mechanism consequent upon the operation of the operation levers (41 42) and if the time integrated value is at least a prescribed integrated value determines that the operation levers (41 42) have been operated; and a counting unit (31d) that if each operation of the digging and loading mechanism that has been determined by the determination unit (31c) has occurred in a prescribed order counts the number of times the sequence of digging and loading work has occurred counting as one time digging and loading mechanism operations that have occurred in the prescribed order.

No. of Pages : 69 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3830/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BIOMETRIC METHODS AND SYSTEMS FOR ENROLLMENT AND AUTHENTICATION

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:G06K9/00,G07C9/00 :61/726014 :14/11/2012 :U.S.A. :PCT/IB2013/060050 :11/11/2013 :WO 2014/076622 :NA :NA :NA :NA	(71)Name of Applicant : 1)WEISS Golan Address of Applicant :Moshav Hodaya 65 79854 Moshav Hodaya Israel (72)Name of Inventor : 1)WEISS Golan
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(57) Abstract :

Biometric methods for enrollment and authentication of a person. During authentication a previously stored enrollment image is presented on a display to the person. A candidate person is instructed to present a body part to a camera while the person is holding the body part unsupported in free space with respect to the camera. Using the camera a candidate image of the body part is captured and presented with the previously stored enrollment image. The candidate person aligns the candidate image with the previously stored enrollment image. On alignment the candidate image is verified as an authentic image of the person and the candidate person is authenticated as the person previously enrolled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3950/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LUBRICANT COMPOSITION

(51) International classification	:C10M107/34,C10M111/04	(71)Name of Applicant :
(31) Priority Document No	:61/718283	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:25/10/2012	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/064752	(72)Name of Inventor :
Filing Date	:14/10/2013	1)GREAVES Martin R.
(87) International Publication No	:WO 2014/066076	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lubricant composition comprising from 75 to 95 percent by weight polyalphaolefm base oil; and from 7.5 to 25 percent by weight oil soluble polyalkylene glycol (OSP) additive wherein the polyalkylene glycol has a viscosity at 40 °C from 15 cSt to 50 cSt and comprises units derived from propylene oxide and units derived from butylene oxide; wherein the lubricant composition exhibits a four ball EP weld load result of at least 160 kg and an air release value at 75 °C of less than 3 minutes. is provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3951/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ABSORBENT ARTICLES WITH CHANNELS

(51) International classification :A61F13/475,A61F13/49,A61F13/532
(31) Priority Document No :13/709254
(32) Priority Date :10/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073353
Filing Date :05/12/2013
(87) International Publication No :WO 2014/093130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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OH 45202 U.S.A.
(72)Name of Inventor :
1)ROE Donald Carroll
2)KREUZER Carsten Heinrich
3)ROSATI Rodrigo
4)WCIORKA Maja

(57) Abstract :

The present disclosure is directed in part to an absorbent article comprising an absorbent core disposed at least partially intermediate the topsheet and the backsheet and comprising a core wrap enclosing an absorbent material. The core wrap comprises a first material and a second material. The first material forms a C wrap at least partially around the second material. The absorbent material comprises at least 80% of superabsorbent polymers by weight of the absorbent material. The absorbent core comprises a channel substantially free of the superabsorbent polymers and at least partially oriented in a longitudinal direction of the article. The channel has an arcuate portion facing a longitudinal axis of the article. An angle between a tangent line of the arcuate portion and the longitudinal axis is greater than or equal to 20 degrees.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3952/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ABSORBENT ARTICLES WITH POCKETS

(51) International classification :A61F13/49,A61F13/495,A61F13/532
(31) Priority Document No :13/709244
(32) Priority Date :10/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/073351
Filing Date :05/12/2013
(87) International Publication No :WO 2014/093129
(61) 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 PROCTER & GAMBLE COMPANY
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OH 45202 U.S.A.
(72)Name of Inventor :
1)ROE Donald Carroll
2)KREUZER Carsten Heinrich
3)WCIORKA Maja

(57) Abstract :

The present disclosure is directed in part to an absorbent article comprising an absorbent core enclosing an absorbent material comprising superabsorbent polymers. The absorbent core comprises a first channel and a second channel both of which are substantially free of the superabsorbent polymers and are at least partially oriented in a longitudinal direction of the article. The first and second channels each have lateral widths taken parallel to a lateral axis. The absorbent core comprises a pocket that is substantially free of the superabsorbent polymers and that has a portion on a longitudinal axis of the article. The pocket has lateral widths taken parallel to the lateral axis. A profile of the sum of the lateral widths of the first and second channels and the lateral widths of the pocket over a longitudinal length of at least 50mm taken along the longitudinal axis has two separate substantially constant portions.

No. of Pages : 61 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3748/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYNTHESIS OF IRON BASED LOW COST BINARY MIXED METAL OXIDE SEMICONDUCTOR

(51) International classification	:C01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP. INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. BIJAYA LAXMI PANDA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the method for synthesis of mixed oxide semiconducting materials. The present invention more particularly relates to the synthesis of iron based binary mixed metal oxide semiconductor materials for photosensor applications. Iron and Arsenic based mixed metal oxide material is synthesized through a wet chemical method taking suitable reducing agents. Precursors of iron and arsenic are taken. The solutions are magnetically stirred continuously and finally the solution is filtered and air dried to get the final material which is further electrically characterized to establish their semiconducting behavior.

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

(54) Title of the invention : EXHAUST GAS TREATMENT SYSTEM AND METHOD

(51) International classification :B01D53/86,B01D53/34,B01D53/50
 (31) Priority Document No :2012247788
 (32) Priority Date :09/11/2012
 (33) Name of priority country:Japan
 (86) International Application No :PCT/JP2013/074710
 Filing Date :12/09/2013
 (87) International Publication No :WO 2014/073268
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)USHIKU Tetsu
2)NAGAYASU Tatsuto
3)KAGAWA Seiji

(57) Abstract :

This exhaust gas treatment system has: a denitrification device (14) that is provided in a flue (13) through which an exhaust gas (12) from a boiler (11) is discharged and that removes nitrogen oxides from the exhaust gas (12); an SO₂-SO₃ conversion catalyst unit (15) that is provided in the flue (13) on the wake side of the denitrification device (14) and that has a conversion catalyst which converts SO₂ (sulfur dioxide) in the denitrified exhaust gas (12A) into SO₃(sulfur trioxide); a heat exchanger (16) that is provided in the flue (13) on the wake side of the SO₂-SO₃ conversion catalyst unit (15) and that conducts heat exchange between the exhaust gas (12B) which has passed through the catalyst and air (20) to lower the temperature of the exhaust gas (12B) to a sulfuric acid dew point or lower and that makes dust and soot adhere to the surfaces of sulfuric acid droplets contained in the exhaust gas the temperature of which has been lowered to a sulfuric acid dew point or lower in the heat exchanger (16); and a dust collector (17) that collects not only the dust and soot covered sulfuric acid but also dust and soot contained in the exhaust gas (12C). In the exhaust gas treatment system the desulfurization of an exhaust gas is attained by: catalytically converting SO₂ contained in an exhaust gas into SO₃; subjecting the SO₃ containing exhaust gas to heat exchange with air in a heat exchanger to lower the temperature of the exhaust gas to a sulfuric acid dew point or lower; making dust and soot adhere to the surfaces of sulfuric acid droplets contained in the exhaust gas; and collecting the dust and soot covered sulfuric acid together with dust and soot by a dust collector.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3850/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : RUGGED FURCATION TUBE

(51) International classification	:G02B6/44,G02B6/00	(71)Name of Applicant :
(31) Priority Document No	:61/728020	1)COMMSCOPE TECHNOLOGIES LLC
(32) Priority Date	:19/11/2012	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	NC 28602 U.S.A.
(86) International Application No	:PCT/US2013/061525	(72)Name of Inventor :
Filing Date	:25/09/2013	1)ISLAM Nahid
(87) International Publication No	:WO 2014/077955	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A furcation tube for optical fibers has a polymer inner jacket surrounded by a fiber and strength member layer of fibers and strength rods which is surrounded by a polymer outer jacket. The inner jacket may surround a plurality of inner tubes. The strength members may be arrayed around the inner jacket generally equidistant from one another. The strength members may be resin pultruded fiber rods and the fiber may be para aramid fibers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3965/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING A ROTOR BLADE BELT

(51) International classification :B29C70/44,B29C70/34,B29L31/08
(31) Priority Document No :10 2012 219 226.3
(32) Priority Date :22/10/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/003058
Filing Date :11/10/2013
(87) International Publication No :WO 2014/063790
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SENVION SE
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(72)Name of Inventor :
1)BENDEL Urs
2)ZELLER Lenz Simon
3)EYB Enno
4)RICHERS Tilman
5)WITTHUS Jan Peter

(57) Abstract :

The invention relates to a device (1 4) for producing a rotor blade belt (6) for a rotor blade of a wind turbine comprising a mold (11 14) which has a depression (16 19) that has the shape of a cavity in the cross section wherein material (7 8) for a rotor blade belt (6) can be inserted or is inserted into the depression and comprising a flat mold cover (21) which seals the depression (16 19). The depression (16 19) has lateral walls (23) an opening which is delimited by the lateral walls (23) and a base surface (22) between the lateral walls (23). The invention further relates to a method for producing a rotor blade belt (6) for a rotor blade of a wind turbine and to a rotor blade belt (6) which is produced or can be produced according to the method. According to the invention fiber material (7) and/or fiber reinforced material for a rotor blade belt is inserted into a cavity like depression (16 19) of a mold (11 14) of a device (1 4) according to the invention such that the height of the material (7 8) terminates flush with the lateral walls (23) of the depression (16 19); the depression (16 19) is sealed by the flat mold cover (21); the material (7 8) is jointed into the rotor blade belt (6); and the rotor blade belt (6) is subsequently removed from the mold (11 14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3757/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SEPARATION AND RECOVERY OF MOLYBDENUM VALUES FROM URANIUM PROCESS DISTILLATE

(51) International classification :C01G43/00,C01G39/00
(31) Priority Document No :61/727580
(32) Priority Date :16/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070001
Filing Date :14/11/2013
(87) International Publication No :WO 2014/193469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Columbia Road P. O. Box 2245 Morristown New Jersey 07962
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(72)Name of Inventor :
1)NALEWAJEK David
2)BECKMAN Kent

(57) Abstract :

A method for treating process distillate heavies produced during uranium fluoride purification is described. The heavies contain primarily uranium hexafluoride, UF₆, and molybdenum oxytetrafluoride, MoOF₄. The uranium hexafluoride is removed via distillation at reduced pressure leaving essentially MoOF containing <0.1% of residual uranium hexafluoride. This mixture is hydrolyzed in water then treated with a solution of sodium hydroxide until a pH of at least 7.5 is reached. The precipitated sodium diuranate and sodium fluoride are removed by filtration. The filtrate is reacted with calcium chloride to precipitate the molybdenum values as calcium molybdate containing trace quantities of calcium fluoride.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3758/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PRODUCING SEED BRICKS

(51) International classification:C30B33/06,C30B35/00,B28D5/04

(31) Priority Document No :13/680873

(32) Priority Date :19/11/2012

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

(86) International Application
No :PCT/US2013/070503

Filing Date :18/11/2013

(87) International Publication
No :WO 2014/078763

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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048424 Singapore Singapore

(72)Name of Inventor :

1)WITTE Dale A.

(57) Abstract :

A method of producing rectangular seed bricks for use in semiconductor or solar manufacturing includes connecting an alignment layer to a top surface of a template drawing alignment lines on the alignment layer to demarcate a plurality of nodes connecting cylindrical rods to the alignment layer such that a center of each rod is aligned with a corresponding node and slicing through the rods and the alignment layer with a wire web to produce rectangular seed bricks.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3859/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TURBINE BLADE ANGEL WING WITH PUMPING FEATURES

(51) International classification :F01D5/14,F01D11/00,F01D11/02
(31) Priority Document No :13/688411
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/072022
Filing Date :26/11/2013
(87) International Publication No :WO 2014/085464
(61) Patent of Addition to Application Number :NA
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)THAM Kok Mun
3)VITT Paul H.
4)SCHROEDER Eric

(57) Abstract :

A gas turbine engine including: a plurality of blades (60) assembled into an annular row of blades and partly defining a hot gas path (26) and a cooling fluid path (24) wherein the cooling fluid path extends from a rotor cavity (22) to the hot gas path; an angel wing assembly (99) disposed on a side (74) of a base (76) of the row of blades; and pumping features (130) distributed about the angel wing assembly configured to impart at a narrowest gap (42) of the cooling fluid path motion to a flow of cooling fluid flowing there through. The plurality of pumping features the angel wing assembly and the base of the row of blades are effective to produce a helical motion to the flow of cooling fluid as it enters the hot gas path.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3971/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLOW MEASUREMENT

(51) International classification :G01F1/66,E02B13/00,E02B7/26
(31) Priority Document No :2012904449
(32) Priority Date :11/10/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/001185
Filing Date :11/10/2013
(87) International Publication No:WO 2014/056046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)PEARSON Damien Vernon
2)TYRRELL Reece Joseph

(57) Abstract :

The invention discloses an undershot gate system to control flow of liquid through an open channel or pipe (14). The system includes a gate leaf (16) adapted to be raised and lowered by a control means to allow flow of liquid along the open channel or pipe (14). The gate leaf (16) has a flow diverter (36) at an end of gate leaf (16) to guide liquid under the gate leaf (16) and through an opening (10) when the gate leaf (16) is in an open position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3972/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NETWORK DEVICE METHOD COMPUTER PROGRAM AND COMPUTER PROGRAM PRODUCT FOR DETERMINING A SET OF POWER STATE PARAMETERS

(51) International classification	:H04W52/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2012/051232
Filing Date	:12/11/2012
(87) International Publication No	:WO 2014/074040
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)C-STER Rickard
2)HUANG Vincent
3)MATTI Mona

(57) Abstract :

It is presented a method performed by a network device for determining a set of power state parameters at least partly defining when a wireless terminal is to be in an active state or a power saving state. The method comprises the steps of: obtaining traffic types for each one of a plurality of traffic flows to or from a wireless terminal resulting in a present combination of traffic types; finding in a power state parameter repository a first match between the present combination of traffic types and a combination of traffic types associated with a first set of power state parameters; and when the first match is found transmitting the first set of power state parameters to the wireless terminal. A corresponding network device computer program and computer program product are also presented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3960/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CLUTCH COVER ASSEMBLY

(51) International classification :F16D13/71,F16D13/60
(31) Priority Document No :2012255660
(32) Priority Date :21/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/081213
Filing Date :19/11/2013
(87) International Publication No :WO 2014/080921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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4488650 Japan
(72)Name of Inventor :
1)HAYASHI Daisuke
2)SHINODA Morio

(57) Abstract :

A clutch cover assembly (1 1A 1B) has as an example: a ring member (4); a cover (2) for supporting the ring member (4) the cover (2) having a wall part (21) facing one axial direction side of the ring member (4) a wall part (21f1) facing the inside with respect to the radial direction of the ring member (4) and a wall part (21f2) facing the other axial direction side of the ring member (4); and a diaphragm spring (3) for supporting the ring member (4) the diaphragm spring (3) having a wall part (32a) facing the other axial direction side of the ring member (4) a wall part (32b) facing the inside with respect to the radial direction of the ring member (4) a wall part (3g1) facing the one axial direction side of the ring member (4) an annular base part (31) positioned on the other axial direction side of the wall part (21) and positioned on the outside with respect to the radial direction of an opening (3d) and a lever part (32) protruding inwards with respect to the radial direction from the base part (31).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3961/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MEDIUM CONVEYANCE DEVICE

(51) International classification	:B65H5/06,G07D9/00	(71)Name of Applicant :
(31) Priority Document No	:2012249637	1)OKI ELECTRIC INDUSTRY CO. LTD.
(32) Priority Date	:13/11/2012	Address of Applicant :1 7 12 Toranomom Minato ku Tokyo
(33) Name of priority country	:Japan	1058460 Japan
(86) International Application No	:PCT/JP2013/077266	(72)Name of Inventor :
Filing Date	:07/10/2013	1)KOJIMA Ryouzuke
(87) International Publication No	:WO 2014/077052	2)TOSAKA Yoshiyuki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a medium conveyance device with which reliability can be improved. In a roller conveyor a support component is used to couple an upper side shaft which receives a first counter force generated in accordance with a first contact pressure force pressing first driven rollers towards first drive rollers and a lower side shaft which receives a second counterforce generated in accordance with a second contact pressure force pressing second driven rollers towards second drive rollers. As a result in this medium conveyance device two counterforces which cause upper side guides and lower side guides in two adjacent paper money conveyance paths to bend cancel each other out.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3962/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : M. TUBERCULOSIS VACCINES

(51) International classification :C07K14/35,A61K39/00,A61K38/00
(31) Priority Document No :PA 2012 00654
(32) Priority Date :23/10/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/000070
Filing Date :18/10/2013
(87) International Publication No :WO 2014/063704
(61) Patent of Addition 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)ROSENKRANDS Ida
3)HOANG Truc Thi Kim Thanh
4)ANDERSEN Peter

(57) Abstract :

The present invention is directed to fusion proteins antigen cocktails and immunological compositions such as vaccines against infections caused by virulent mycobacteria e.g. by Mycobacterium tuberculosis Mycobacterium africanum Mycobacterium bovis Mycobacterium microti Mycobacterium canettii Mycobacterium pinnipedii or Mycobacterium mungi. The fusion proteins or antigen cocktails are based on ESX secreted or associated proteins e.g. proteins secreted by the ESAT 6 secretion system 1 (ESX 1) which are among the most immunodominant M. tuberculosis (MTB) antigens.

No. of Pages : 54 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3963/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A RETENTION DEVICE

(51) International classification	:E02B3/10
(31) Priority Document No	:GB1218990.8
(32) Priority Date	:23/10/2012
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2013/000448
Filing Date	:21/10/2013
(87) International Publication No	:WO 2014/064404
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Lancashire M35 9BP U.K.
(72)**Name of Inventor :**
1)MULVIHILL Michael

(57) Abstract :

According to the present invention there is provided a liquid retention device comprising: a braced frame mountable on foundations in a plurality of locations in which said device comprises a base section and at least one upstanding support and in which said brace further comprises height adjusting means for adjusting the height of said frame and in which said device further comprises a face supported by said frame in which said face is inclined at an angle to the at least one upstanding support wherein said face is covered by a least one detachable mat.

No. of Pages : 51 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3875/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYDROFORMED DRIVESHAFT TUBE WITH SECONDARY SHAPE

(51) International classification	:F16C3/02,B21D26/033	(71) Name of Applicant :
(31) Priority Document No	:61/724154	1)DANA AUTOMOTIVE SYSTEMS GROUP LLC
(32) Priority Date	:08/11/2012	Address of Applicant :3939 Technology Drive P.O. Box 1000
(33) Name of priority country	:U.S.A.	Maumee OH 43537 U.S.A.
(86) International Application No	:PCT/US2013/069086	(72) Name of Inventor :
Filing Date	:08/11/2013	1)LASKEY Ryan W.
(87) International Publication No	:WO 2014/074787	2)DUTKIEWICZ Jeffrey A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydroformed driveshaft tube formed using a hydroforming process is provided. The hydroformed driveshaft tube comprises a first end portion a second end portion and a middle portion. The middle portion is at least partially defined by a circular arc shaped surface of revolution. At least a portion of the middle portion has a diameter greater than a diameter of the first end portion and the second end portion. The middle portion is formed between the first end portion and the second end portion. The middle portion affects a critical speed and a breathing mode frequency of the hydroformed driveshaft tube. The hydroformed driveshaft tube reduces a cost of a driveshaft assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3876/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INNER RACE AND BOOT SLEEVE

(51) International classification :F16D1/08,F16D1/116,F16D3/223

(31) Priority Document No :13/678792

(32) Priority Date :16/11/2012

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

(86) International Application No :PCT/US2013/068370

Filing Date :05/11/2013

(87) International Publication No :WO 2014/078116

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DANA AUTOMOTIVE SYSTEMS GROUP LLC

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(72)Name of Inventor :

1)DINE Donald W.

2)BEAR Dee E.

(57) Abstract :

An inner race (12) and boot sleeve (18) combination is provided. The inner race has an inner surface with a groove (54) formed therein. The boot sleeve has a groove (62) in an outer surface. A ring is located in both grooves to axially secure the inner race and boot sleeve together. Devices to prevent relatively rotation between the inner race and the boot sleeve are also provided.

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3988/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS FOR DETERMINING IF AN ANIMAL S METABOLISM IS KETOGENIC

(51) International classification :A01N43/04,A01N37/02
(31) Priority Document No :61/725202
(32) Priority Date :12/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069393
Filing Date :11/11/2013
(87) International Publication No :WO 2014/074972
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC SA
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(72)**Name of Inventor :**
1)PAN, Yuanlong
2)HANNAH ,Steven, S.
3)SUN, Peichuan
4)JACKSON, Janet, R.

(57) Abstract :

The invention provides methods for determining if an animal s metabolism has been shifted to ketogenic status by collecting a first urine sample from the animal when the animal s metabolism is not in a ketogenic status; collecting a second urine sample from the animal when the animal s metabolism is possibly in a ketogenic status; analyzing the first urine sample and the second urine sample for beta- hydroxy butyrate; and determining that the animal s metabolism has been shifted to ketogenic status if the concentration of beta -hydroxy butyrate in the second urine sample exceeds the concentration of beta- hydroxy butyrate in the first urine sample by ten percent (10%) or more.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3989/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD NETWORK DEVICE COMPUTER PROGRAM AND COMPUTER PROGRAM PRODUCT FOR DETERMINING POWER STATE PARAMETERS

(51) International classification :H04W52/02,H04W76/04,H04W28/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/072623
Filing Date :14/11/2012
(87) International Publication No :WO 2014/075717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :S -164 83 Stockholm Sweden
(72)Name of Inventor :
1)C-STER ,Rickard
2)HUANG, Vincent
3)MATTI ,Mona

(57) Abstract :

It is presented a method, performed by a network device , for determining a set of power state parameters at least partly defining when a wireless terminal is to be in an active state or a power saving state. The method comprises the steps of: detecting a present traffic type of a traffic flow to or from a wireless terminal; obtaining from a power state parameter repository , a set of power state parameters corresponding to a plurality of traffic types including the present traffic type; transmitting the set of power state parameters to the wireless terminal; detecting a further traffic type of a traffic flow to or from the wireless terminal; and modifying the power state parameters for the wireless terminal , only when the further traffic type does not comply with at least one expected future traffic type of the plurality of traffic types.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3990/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLUORIDE- STABLE ZINC CONTAINING ORAL CARE COMPOSITIONS

(51) International classification :A61K8/27,A61K8/44,A61Q11/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2012/067994

Filing Date :05/12/2012

(87) International Publication No :WO 2014/088572

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)REGE ,Aarti

2)SURIANO, David F.

3)SULLIVAN, Richard

4)STRANICK, Michael A.

(57) Abstract :

Described herein are oral care compositions comprising a zinc ion source , a fluoride ion source , and a basic amino acid; along with methods of making and using the same.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3774/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PREPARING ACROLEIN FROM GLYCEROL

(51) International classification :C07C45/52

(31) Priority Document No :12/60358

(32) Priority Date :30/10/2012

(33) Name of priority country :France

(86) International Application No :PCT/FR2013/052582

Filing Date :29/10/2013

(87) International Publication No :WO 2014/068241

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)ZNAIGUIA Raja

2)MILLET Jean Marc

3)LORIDANT Stphane

4)REY Patrick

(57) Abstract :

The invention relates to a method for preparing acrolein from glycerol according to which a dehydration of glycerol is carried out in the presence of a MWOA catalyst MWO representing a mixture of simple oxides and/or of mixed oxides of tungsten and at least one metal M selected from zirconium silicon titanium aluminum and yttrium and A represents one or more Lewis bases one of said Lewis bases having the formula B(R1)p(R2)q(R3)r B being an element selected from C S P O N B and the halides R1 R2 and R3 represent independently of one another H a C1 C6 alkyl group O OH or OR R representing a C1 C6 alkyl group and the sum of p q and r varies from 0 to 4.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3869/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : 2 PYRIDONE COMPOUND

(51) International classification :C07D401/06,A61K31/4439,A61P3/04
(31) Priority Document No :2012249792
(32) Priority Date :13/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080517
Filing Date :12/11/2013
(87) International Publication No :WO 2014/077235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)KURODA Shoichi

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4)FUSEGI Keiko

5)BOHNO Masahiro

6)ASANUMA Hajime

7)CHONAN Tomomichi

8)SATO Nagaaki

9)MONMA Souichi

10)SASAKO Shigetada

11)MIZUTANI Marie

12)ITO Shin

13)OKADA Takumi

14)OTA Hirofumi

15)ISHIYAMA Seishi

(57) Abstract :

This 2 pyriaone compound represented by formula [1] or a tautomer of said compound or a pharmaceutically acceptable salt of said compound or said tautomer or a solvate of said compound or the like has a superior GK activating effect and is useful as a pharmaceutical.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3870/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COST OPTIMIZATION FOR FIRMWARE UPDATES FOR GLOBALLY MOBILE MACHINE TO MACHINE DEVICES

(51) International classification	:H04W4/00,H04L29/08	(71) Name of Applicant :
(31) Priority Document No	:13/659115	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:24/10/2012	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IB2013/059578	1)VALENTINE Eric Lee
Filing Date	:23/10/2013	2)SYED Inayat
(87) International Publication No	:WO 2014/064621	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A firmware control management device and a method implemented by the firmware control management device are described herein which are configured to determine whether or not to push a firmware update to a machine to machine (M2M) device.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3871/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HEAT ENGINE

(51) International classification :F23R3/00,F23C9/00,F02C1/04
(31) Priority Document No :1218611.0
(32) Priority Date :17/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052711
Filing Date :17/10/2013
(87) International Publication No :WO 2014/060758
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TUYERE LIMITED
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(72)Name of Inventor :
1)HOWES Jonathan Sebastian

(57) Abstract :

A heat engine (10) comprising: a feeder stage (20) comprising: a first compressor (24) for compressing first gas received at pressure P_i from a gas source to an elevated pressure and temperature; a reactor (28) for receiving gas compressed by the first compressor (24) and combining the compressed gas with fuel to generate an exothermic reaction; and a primary stage comprising (40): a circuit (42) for recirculating a gas flow comprising a second gas; a mixing chamber (44) in fluid communication with the circuit (42) for combining the products of the exothermic reaction from the feeder stage (20) with the gas flow in the circuit(42) at pressure P wherein P is greater than P_i an expander (48) for expanding gas received from the mixing chamber (44) to generate mechanical work; and a second compressor (58) for compressing gas expanded by the expander (48).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4000/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AROMATIC TRANSFORMATION USING UZM 44 ALUMINOSILICATE ZEOLITE

(51) International classification :C07C15/00,C07C2/66,B01J29/70

(31) Priority Document No :61/736319

(32) Priority Date :12/12/2012

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

(86) International Application No :PCT/US2013/039050

Filing Date :01/05/2013

(87) International Publication No :WO 2014/092765

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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5017 Des Plaines IL 60017 5017 U.S.A.

(72)Name of Inventor :

1)NICHOLAS Christopher P.

2)NEGIZ Antoine

3)MILLER Mark A.

(57) Abstract :

A new family of aluminosilicate zeolites designated UZM 44 has been synthesized. These zeolites are represented by the empirical formula, NaMTAlESiO_n where n is the mole ratio of Na to (Al + E) M represents a metal or metals from zinc Group 1 Group 2 Group 3 and or the lanthanide series of the periodic table m is the mole ratio of M to (Al + E) k is the average charge of the metal or metals M T is the organic structure directing agent or agents and E is a framework element such as gallium. UZM 44 may be used to catalyze an aromatic transformation process by contacting a feed comprising at least a first aromatic with UZM 44 at hydrocarbon conversion conditions to produce at least a second aromatic.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3885/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COUNTER CURRENT FLUIDIZED BED REACTOR FOR THE DEHYDROGENATION OF OLEFINS

(51) International classification :C07C5/333,C07C11/02,B01J19/24
(31) Priority Document No :13/681914
(32) Priority Date :20/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067791
Filing Date :31/10/2013
(87) International Publication No :WO 2014/081545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DAVYDOV Lev
2)SPIEKER Wolfgang A.
3)PALMAS Paolo

(57) Abstract :

A process and apparatus for the dehydrogenation of paraffins is presented. The process utilizes a reactor that includes a slower flow of catalyst through the reactor with a counter current flow of gas through the catalyst bed. The catalyst is regenerated and distributed over the top of the catalyst bed and travels through the bed with the aid of reactor internals to limit backmixing of the catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3996/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PHYSICAL CHANNEL DESIGN FOR NETWORK ASSISTED D2D

(51) International classification :H04W72/04,H04B7/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/086487
Filing Date :13/12/2012
(87) International Publication No :WO 2014/089791
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LU Qianxi
2)MIAO, Qingyu;

(57) Abstract :

A method in a network node for multiplexing a physical channel 400 between the network node and devices comprised in a mixed wireless network wherein the mixed wireless network further comprises a cellular network comprising one or more cellular channels and a Device to Device D2D network comprising one or more D2D channels the method comprising: time division multiplexing the physical channel 400 between a first group of cellular channels and a first group of D2D channels and frequency division multiplexing the physical channel 400 between a second group of cellular channels and the first group of D2D channels.

No. of Pages : 53 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3997/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR STORAGE OF DATA FOR TRACKING MANUFACTURED ITEMS

(51) International classification	:G06Q10/08
(31) Priority Document No	:12197513.0
(32) Priority Date	:17/12/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/076728
Filing Date	:16/12/2013
(87) International Publication No	:WO 2014/095740
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NIQUILLE Steve
2)CHANEZ Patrick

(57) Abstract :

The invention provides a method for the generation and storage of data for manufactured items in a batch of manufactured items that reduces data storage requirements. The method may comprise the steps of: at a production line generating a unique identifier for each item the unique identifier comprising production details and a counter value of an incremental counter; at a production line associating each item with the corresponding unique identifier or an encrypted version of the unique identifier; reading at least some of the unique identifiers associated with items in the batch of the items to provide a list of read identifiers wherein at least some counter values of the incremental counter are not in the list of read identifiers; generating a plurality of ranges of read identifiers each range comprising a number of read identifiers having common production details and sequential counter values; and storing the plurality of ranges of read identifiers having common production details as a single data record in an electronic database the single data record comprising the production details and an indication of each of the ranges of sequential counter values.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3998/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PYRIMIDO [4 5 B]QUINOLINE 4 5 (3H 10H) DIONES AS NONSENSE MUTATION SUPPRESSORS

(51) International classification :A61K31/513,C07D471/04,A61P21/00

(31) Priority Document No :61/736748

(32) Priority Date :13/12/2012

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

(86) International Application No :PCT/IB2013/060859

Filing Date :12/12/2013

(87) International Publication No :WO 2014/091446

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Switzerland

(72)Name of Inventor :

1)JACOBY Edgar

2)REINHARDT Juergen

3)SCHMIEDEBERG Niko

4)SPANKA Carsten

(57) Abstract :

The invention relates to compound of the formula (I); or a salt thereof wherein the substituents are as defined in the specification; to its preparation to its use as medicament and to medicaments comprising it.

No. of Pages : 112 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3999/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONCENTRATED POLYMERIC COMPOSITIONS OF VINYL AROMATIC POLYMERS AND/OR COPOLYMERS

(51) International classification :C08J3/22,C08L25/06,C08J9/16
(31) Priority Document No :MI2012A001808
(32) Priority Date :24/10/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/071773
Filing Date :17/10/2013
(87) International Publication No :WO 2014/063993
(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)PONTICIELLO Antonio

2)ARIENTI Attilio

3)PASQUALI Francesco

(57) Abstract :

The present invention relates to a concentrated polymeric composition which comprises: a) vinyl aromatic polymers and/or copolymers in an amount ranging from 10% to 90% by weight calculated with respect to the overall composition with respect to the overall composition b) at least one compound containing epoxy functional groups in an amount ranging from 0.01% to 5% by weight calculated with respect to the overall composition with respect to the overall composition c) at least one infrared absorbing agent in an amount ranging from 10% to 90% by weight calculated with respect to the overall composition with respect to the overall composition.

No. of Pages : 67 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3906/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TIGER STRIPE MODIFIER

(51) International classification :C08L23/12,C08F2/00
(31) Priority Document No :12194766.7
(32) Priority Date :29/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075014
Filing Date :28/11/2013
(87) International Publication No :WO 2014/083129
(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)SANDHOLZER Martina
4)SCHWARZENBERGER Simon
5)KAHLEN Susanne
6)POTTER Gregory

(57) Abstract :

Tiger stripe modifier being a heterophasic polypropylene composition having a melt flow rate MFR (230°C) in the range of 0.5 to 20 g/10 min and comprises a propylene homopolymer and an elastomeric propylene copolymer wherein said propylene homopolymer has a melt flow rate MFR (230°C) in the range of above 10 to 300 g/10 min; the xylene cold soluble fraction of the heterophasic polypropylene composition has an intrinsic viscosity in the range of more than 2.5 to below 11.0 dl/g; and the comonomer content of the xylene cold soluble fraction of the heterophasic polypropylene composition is in the range of 10.0 to 25.0 wt. %; wherein further the heterophasic polypropylene composition fulfills the inequation $(I) 0.3 = (0.241 \times C) + (1.14 \times IV)$ wherein C is the comonomer content of the xylene cold soluble (XCS) fraction of the heterophasic polypropylene composition (HECO1) and IV is the intrinsic viscosity of the xylene cold soluble (XCS) fraction of the heterophasic polypropylene composition (HECO1).

No. of Pages : 47 No. of Claims : 14

(54) Title of the invention : METHOD FOR MOLDING HIGHLY HEAT RESISTANT SOUND ABSORBING AND SCREENING MATERIAL

(51) International classification	:B29C33/58,B29C43/26	(71)Name of Applicant :
(31) Priority Document No	:1020120124955	1)HYUNDAI MOTOR COMPANY
(32) Priority Date	:06/11/2012	Address of Applicant :12 Heolleung ro Seocho gu Seoul 137
(33) Name of priority country	:Republic of Korea	938 Republic of Korea
(86) International Application No	:PCT/KR2013/010026	2)KIA MOTORS CORPORATION
Filing Date	:06/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/073859	1)KIM Keun Young
(61) Patent of Addition to Application	:NA	2)SEO Won Jin
Number	:NA	3)SEO Jong Beom
Filing Date	:NA	4)CHO Chi Man
(62) Divisional to Application Number	:NA	5)LEE Ki Dong
Filing Date	:NA	6)LEE Su Nam

(57) Abstract :

The present invention relates to a method for molding a highly heat resistant sound absorbing and screening material and more specifically to a method for molding a highly heat resistant sound absorbing and screening material which uses a sound absorbing material comprising 20 to 80 parts by weight of a fiber material of which the limiting oxygen index (LOI) is at least 25% and of which the heat resistance temperature is at least 200 and 20 to 80 parts by weight of a thermosetting binder resin of which the heat resistance temperature is at least 200 wherein the highly heat resistant sound absorbing and screening material is installed on an engine cylinder block and a vehicle body panel above a muffler of a vehicle. The method for molding the highly heat resistant sound absorbing and screening material comprises: a releasing agent coating step of coating a releasing agent inside a hot die; a hot compression molding step of fixing a shape; and a cold compression step of stabilizing the shape. The highly heat resistant sound absorbing and screening material molded according to the method can reduce noise inside a vehicle by blocking radiated noise which is generated from an engine and an exhaust system from being transferred into the inside of the vehicle through the panel of the vehicle body can maintain the shape even in high heat over 200 generated from the engine and the exhaust system and can satisfy flame retardant properties of UL 94V 0.

No. of Pages : 47 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4027/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : OCEAN THERMAL ENERGY CONVERSION PIPE CONNECTION

(51) International classification :F03G7/05,F01K17/04,F01K21/00

(31) Priority Document No :61/714528

(32) Priority Date :16/10/2012

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

(86) International Application No :PCT/US2013/065098

Filing Date :15/10/2013

(87) International Publication No :WO 2014/062710

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Baltimore MD 21202 6174 U.S.A.

(72)Name of Inventor :

1)COLE Barry R.

2)SHAPIRO Laurence Jay

3)ROSS Jonathan M.

(57) Abstract :

A method of assembling a pipe on a water supported floating platform is provided. The platform includes an open central bay and a gantry on the platform is arranged so as to surround at least a portion of the bay. The method includes providing a pipe intake assembly and staves on the platform; transferring the pipe intake assembly to the interior space of the bay; assembling the individual staves on the pipe intake assembly in an offset construction; lowering the pipe portion within the bay and into the water until the upper ends of the staves reside within a lower portion of the gantry; increasing the length of the pipe portion by assembling additional staves to the upper ends of the assembled staves; and repeating the step of increasing the length of the portion of the pipe until the pipe has a desired length.

No. of Pages : 80 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3789/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MICROENCAPSULATED BACTERIAL CONSORTIUM FOR THE DEGRADATION OF GLUTEN INTO SOURDOUGH AND METHOD FOR PRODUCING SAID SOURDOUGH

(51) International classification :A21D13/06,C12N1/20,A21D8/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2012/002254
Filing Date :06/11/2012
(87) International Publication No :WO 2014/072758
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GONZ • LEZ DE LA TORRE Javier
Address of Applicant :Rinconadas del Arco 346 Col. El Palomar 45653 Tlajomulco de Z°±iga Jalisco Mexico
(72)Name of Inventor :
1)PEDROZA ISLAS Ruth

(57) Abstract :

The invention relates to a microencapsulated bacterial consortium for the degradation of gluten comprising: a) three different strains of commercially available lactic acid bacteria; b) encapsulating agents; c) prebiotics; and d) trehalose; combined with a proteolytic enzyme of bacterial origin and a proteolytic enzyme of fungal origin. Preferably the microencapsulated bacterial consortium comprises: a) Lactobacillus plantarum ATCC 8014; b) Lactobacillus sanfranciscensis ATCC 27652; c) Lactobacillus brevis ATCC 14869; d) whey protein isolate with 90% protein; e) maltodextrin with a dextrose equivalent of 10; f) gum arabic; g) maguey honey; and h) trehalose; combined with a protease of bacterial origin and a protease of fungal origin. The invention also relates to a method for obtaining the microencapsulated bacterial consortium to the production of sourdough from same and to the use of said sourdough for obtaining bread making products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3900/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DISPLAY APPARATUS AND DEVICE

(51) International classification :G09F9/30,G02F1/1333
(31) Priority Document No :201310044954.8
(32) Priority Date :04/02/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/091018
Filing Date :31/12/2013
(87) International Publication No :WO 2014/117621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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of China Resources No. 68 Qinghe Middle Street Haidian District
Beijing 100085 China

(72)Name of Inventor :

1)XU Duo

2)LIN Bin

3)LEI Jun

(57) Abstract :

A display apparatus and a device. A photovoltaic material (61) is evenly disposed in a display layer (6) so that an array formed by the photovoltaic material (61) forms a light pervious unit (62) and the photovoltaic material (61) forms a passage. Light rays emitted by a backlight layer (5) and ambient light are absorbed without affecting the light emission of the display layer (6) and are converted into a current. When the current converted from light energy is used for a mobile terminal the stand by time of the mobile terminal can be increased.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3901/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WET WIPE AND PACKAGING FOR WET WIPE

(51) International classification :D21H15/02,A47K7/00,B65D83/08
(31) Priority Document No :2012247879
(32) Priority Date :09/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/077971
Filing Date :15/10/2013
(87) International Publication No :WO 2014/073334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNICHARM CORPORATION
Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo shi Ehime 7990111 Japan
(72)Name of Inventor :
1)BANDOU Takeshi
2)UEDA Takahiro

(57) Abstract :

The purpose of the present invention is to provide a wet wipe that can easily be withdrawn one at a time. The wet wipe disclosed herein has the following configuration. A wet wipe (105) including a nonwoven cloth (23) manufactured by a wet process and a medicinal solution impregnated into the nonwoven cloth (23) the wet wipe (105) characterized in that the nonwoven cloth (23) includes synthetic fibers having a specific gravity of more than 1.0 in the amount of 5 40% by mass of the nonwoven cloth (23) and cellulose based fibers in the amount of 60 95% by mass of the nonwoven cloth (23) the synthetic fibers including synthetic fibers (1) having a heteromorphic cross sectional shape in the amount of 20 100% by mass of the synthetic fibers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3902/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VEHICLE CONTROL DEVICE AND VEHICLE

(51) International classification :B60W10/26,B60K6/445,B60L11/14	(71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan
(31) Priority Document No :2012247621	
(32) Priority Date :09/11/2012	
(33) Name of priority country :Japan	(72)Name of Inventor : 1)TERAYA Ryuta
(86) International Application No :PCT/JP2013/076798 Filing Date :02/10/2013	
(87) International Publication No :WO 2014/073294	
(61) Patent of Addition to Application Number :NA Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

An ECU (200) makes a voltage set for an inverter (64) side in an external feeding mode lower than a voltage set for the inverter (64) side when a first MG (20) supplies the same electric power in a travelling generation mode as the electric power in the external feeding mode.

No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4020/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CENTRIFUGAL PUMP

(51) International classification :A61M1/10,A61M1/12,F04D29/042
(31) Priority Document No :1218768.8
(32) Priority Date :18/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052718
Filing Date :17/10/2013
(87) International Publication No :WO 2014/060765
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CALON CARDIO TECHNOLOGY LTD
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Park Swansea West Glamorgan SA2 8PP U.K.
(72)Name of Inventor :
1)FOSTER Graham

(57) Abstract :

The pump which is for implantation into a human heart has a flow path through a housing (1) a rotatable pump member (21) within the housing for causing fluid to flow along the flow path the pump member being rotatably coupled to the housing about an upstream bearing (32) and a downstream bearing (33). The downstream bearing comprises a bearing member (34) on the pump member and a complementary bearing formation (35) on the housing The pump has a mechanical adjuster (42) for fine adjustment of the position of the bearing formation (35) along an axis (A) of the pump member; the mechanical adjuster being preferably one or more screws (42) for adjustable movement of a boss (40) along the axis (A) the adjustable movement being permitted by flexure of a plate member (41) integral with the boss.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3913/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHODS FOR ANONYMOUS PAIRED DEVICE DISCOVERY IN WIRELESS COMMUNICATIONS SYSTEMS

(51) International classification :H04L29/06

(31) Priority Document No :13/679631

(32) Priority Date :16/11/2012

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

(86) International Application No :PCT/IB2013/002295

Filing Date :14/10/2013

(87) International Publication No :WO 2014/076528

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SONY MOBILE COMMUNICATIONS AB

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Sweden

(72)Name of Inventor :

1)LJUNG Rickard

(57) Abstract :

A wireless communications system transmits a first message including an anonymous discovery pilot identification code to a first terminal receives a second message from a second terminal and determines whether the second message identifies the discovery pilot identification code. The system may transmit a third message identifying the first terminal to the second terminal responsive to the second message identifying the discovery pilot identification code. Transmission of the first message may be preceded by receiving a request message from the first terminal requesting permission to transmit a discovery pilot signal.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3914/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FATIGUE RESISTANT COATING FOR METAL FORMING MEMBERS

(51) International classification	:C23C30/00,C23C28/00	(71)Name of Applicant :
(31) Priority Document No	:61/716965	1)IHI IONBOND AG.
(32) Priority Date	:22/10/2012	Address of Applicant :Industriestrasse 211 CH 4600 Olten
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2013/045373	(72)Name of Inventor :
Filing Date	:12/06/2013	1)JANOSS Bernard J.
(87) International Publication No	:WO 2014/065892	2)SAVVA George
(61) Patent of Addition to Application	:NA	3)FLATTERY Christopher S.
Number	:NA	4)HURKMANS Antonius Petrus Arnoldus
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composite coating for a metal forming member includes a first layer disposed on said metal forming member. The first layer includes chromium nitride doped with at least one dopant such as tungsten. A second layer is disposed atop said first layer said second layer including a lubricious material having a coefficient of friction of less than or equal to 0.2 as measured against low alloy steel.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2015

(21) Application No.3915/DELNP/2015 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : EFFECTIVE ANIMAL STUNNING

(51) International classification	:A22B3/06
(31) Priority Document No	:13/668030
(32) Priority Date	:02/11/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2013/001271
Filing Date	:04/11/2013
(87) International Publication No	:WO 2014/066953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)RALPH James Henry
2)McLEAN David William

(57) Abstract :

Disclosed are an animal stunning apparatus and method for inducing rapid unconsciousness and insensibility. The apparatus includes a stunning station (10) in which a live subject animal is located in a confined position and an applicator (60) contacts an application point (51) on the live subject animal s head (50) immediately overlying a frontal portion of the animal s brain and couples microwave radiation to the head A microwave generator (75) generates microwave energy of a suitable power level and frequency and a waveguide (76) directs the microwave radiation to the applicator (60). An auto tuner (90) in the waveguide uses a directional coupler (91) to detect forward and reflected power and to tune in real time the impedance for matching the load and optimising effective power transfer. A switch (78) discontinues the application of microwave radiation which is heating of the frontal portion of the brain after a period of time sufficient to have raised the temperature of the frontal portion of the brain of the subject animal to thereby induce the unconsciousness and insensibility. Effective measures for optimising the microwave absorption include special constructions of the applicator (63 66) and sensor switches (67) (68) to minimise microwave leakage. The period can be sufficient only to rapidly induce insensibility and is insufficient for the insensibility induced to be irreversible and insufficient to cause significant heating of deeper brain tissues and including the brain stem.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4030/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LED LIGHTING DEVICE WITH IMPROVED MODULATION INDEX

(51) International classification :H05B37/02
(31) Priority Document No :1020120132885
(32) Priority Date :22/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/010166
Filing Date :11/11/2013
(87) International Publication No :WO 2014/081145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)LEE Dong Won

(57) Abstract :

The present invention relates to a lighting device using LEDs and more specifically to an AC driven LED lighting device having an improved modulation index (calculated from a maximum value and a minimum value of the quantity of instantaneous light emission) for turning on LEDs by using instantaneous AC voltage periodically varying with time. The present invention is primarily characterized in that a condenser is connected in parallel to an LED block controlling a current flow by a switch such that the LED block is turned on by current supplied from the condenser connected in parallel when the LED block cannot directly receive current from an AC power source. Accordingly the LED lighting device having an improved modulation index is provided by preventing all the LED blocks from not being turned on simultaneously. Additionally the protection of LEDs and a high power factor are achieved simultaneously by adopting a current source restricting source current.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4023/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : BASIC ASHLESS ADDITIVES

(51) International classification :C10M133/04

(31) Priority Document No :61/723370

(32) Priority Date :07/11/2012

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

(86) International Application No :PCT/US2013/067018

Filing Date :28/10/2013

(87) International Publication No :WO 2014/074335

(61) 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 LUBRIZOL CORPORATION

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44092 2298 U.S.A.

(72)Name of Inventor :

1)SACCOMANDO Daniel J.

2)DELBRIDGE Ewan E.

3)ROUMANEIX Alexandre

(57) Abstract :

A LUBRICANT COMPOSITION COMPRISING AN OIL OF LUBRICATING VISCOSITY AND AN N HYDROCARBYL SUBSTITUTED AMINOESTER OR AMINOTHIOESTER WHEREIN THE N HYDROCARBYL SUBSTITUENT COMPRISES A HYDROCARBYL GROUP OF AT LEAST 3 CARBONS ATOMS WITH A BRANCH AT THE 1 OR 2 POSITION OF THE HYDROCARBYL CHAIN PROVIDES EXHIBITS BASICITY AND GOOD SEAL PERFORMANCE.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4024/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PLASTIC CONTAINER

(51) International classification	:B65D1/02
(31) Priority Document No	:02630/12
(32) Priority Date	:30/11/2012
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2013/003122
Filing Date	:17/10/2013
(87) International Publication No	:WO 2014/082696
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DORNBACH Christian

(57) Abstract :

The invention relates to a plastic container in particular for storing liquid products under slight positive pressure which container has a container body (2) which extends along a longitudinal axis. The one longitudinal end of the container body (2) is adjoined by a container neck (3) which is equipped with at least one pouring opening (4). The other longitudinal end of the container body (2) is adjoined by a bottom section (5) which has a container bottom (6) and an edge region (8) which is drawn up laterally and which merges into the container body (2). The container bottom (6) has a concave section (9) which is curved in the direction of a container interior bounded by the container body and the circumference of which section is connected via an axially protruding stepped transition region (10) to a standing surface (7) which opens into the edge region (8) that is drawn up laterally. The standing surface (7) and at least one sub region of the stepped transition region (10) are interrupted by a first number of grooves (11). Formed in the concave section (9) is a second number of panel like projections (12) which extend substantially between the stepped transition region (10) and the longitudinal axis and end in front of the stepped transition region (10).

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4025/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WORK MACHINE AND WORK VOLUME MEASUREMENT METHOD FOR WORK MACHINE

(51) International classification	:E02F9/20
(31) Priority Document No	:2012254695
(32) Priority Date	:20/11/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/080123
Filing Date	:07/11/2013
(87) International Publication No	:WO 2014/080768
(61) Patent of Addition to Application Number	:NA
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)IMAMURA Tsuyoshi
3)TOKURA Hiromi

(57) Abstract :

Provided is a work machine that in order to readily and with high precision measure the number of occurrences of a sequence of digging and loading work or other operations of a digging and loading mechanism comprises: a time integration unit (31b) that calculates a time integrated value being a physical amount output in accordance with the operation of operation levers (41 42) integrated over time; a determination unit (31c) that associates the time integrated value and a prescribed operation angle for the digging and loading mechanism as a consequence of the operation of the operation levers (41 42) and if the time integrated value is at least a prescribed integrated value determines that the operation levers (41 42) have been operated; and a counting unit (31d) that if each operation of the digging and loading mechanism determined by the determination unit (31c) has occurred in a prescribed order counts the number of times a sequence of digging and loading work has occurred counting as one time a sequence of digging and loading mechanism operations that have occurred in the prescribed order. If a specific state occurs in which the order of the sequence of digging and loading mechanism operations falls behind or is skipped the counting unit (31d) corrects the counting of the number of sequences of digging and loading work in accordance with the specific state.

No. of Pages : 71 No. of Claims : 8

(54) Title of the invention : NYSTOSE CRYSTAL CONTAINING POWDER

(51) International classification :C07H3/06,A61K9/14,A61K47/12
 (31) Priority Document No :2012248358
 (32) Priority Date :12/11/2012
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2013/080533
 Filing Date :12/11/2013
 (87) International Publication No :WO 2014/073698
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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1368908 Japan

(72)Name of Inventor :

1)TOYOTA Kenji**2)OHARA Hiroki**

(57) Abstract :

The purpose of the present invention is to provide a novel nystose crystal containing powder that is suppressed from being stirred up and that has flowability suitable for handling and a method for producing said powder. The present invention provides a nystose crystal containing powder wherein: (a) the content by percentage of nystose is 71.90 wt%; (b) said powder includes 0.2-18.6 wt% of gluconic acid with respect to the total weight of the nystose crystal; and (c) said powder has a moisture content of 7-14 wt%. Also the present invention provides a method for producing the present nystose crystal containing powder the method comprising: step (A) for producing nystose by the reaction of sucrose and an enzyme solution including fructofuranosidase and glucose oxidase; step (B) for converting glucose in the reaction solution into gluconic acid with the glucose oxidase; step (C) for adjusting the gluconic acid content in the solution obtained by steps (A) and (B) to 0.1-20 wt%; step (D) for obtaining a nystose crystal from the solution obtained by step (C); and step (E) for adjusting the moisture content of the nystose crystal obtained by step (D).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3919/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYMERIC MATERIAL FOR AN INSULATED CONTAINER

(51) International classification :C09K11/02,B29C47/00
(31) Priority Document No :61/719096
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066811
Filing Date :25/10/2013
(87) International Publication No :WO 2014/066761
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DRISKILL Philip A.

3)WALLACE Charles T.

4)EULER John B.

5)PALADINO Jason J.

6)MARAVICH Milan C.

7)DAVIS Daniel O.

8)MANN Jeffrey A.

9)BOWLDS Randy A.

10)CONTRADA Svetlana I.

11)SUN David Dezhou

(57) Abstract :

A formulation includes a polymeric material a nucleating agent a blowing and a surface active agent. The formulation can be used to form a container.

No. of Pages : 102 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4041/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DECODER AND ENCODER AND METHODS FOR CODING OF A VIDEO SEQUENCE

(51) International classification :H04N19/583,H04N19/463,H04N19/70
(31) Priority Document No :61/753158
(32) Priority Date :16/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/077229
Filing Date :18/12/2013
(87) International Publication No :WO 2014/111222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :S 164 83 Stockholm Sweden
(72)Name of Inventor :
1)SAMUELSSON Jonatan
2)SJ-BERG Rickard

(57) Abstract :

An encoder (80) a decoder (50) and methods for coding of a video sequence. The encoder (80) calculates (301) an indication to a previous reference picture. The previous reference picture has a temporal identity of zero. The encoder (80) creates (302) a first set of indicators to the previous reference picture to all reference pictures included in a first reference picture set of the previous reference picture and to all pictures that follow the previous reference picture in decoding order and precede the current picture in decoding order. The encoder (80) sets (303) a flag for picture order count cycle when a long term reference picture has least significant bits of a picture order count for which more than one picture indicated in the first set share the same value of the least significant bits of picture order count as the long term reference picture. The decoder (50) obtains (305) least significant bits of a picture order count for a long term reference picture included in a reference picture set of the current picture. The decoder (50) obtains (306) the flag. The decoder (50) concludes (307) non compliant bitstream when the flag indicates that the picture order count cycle is not used and the least significant bits match more than one reference picture. Corresponding computer programs and computer program products are also disclosed.

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

(54) Title of the invention : DEVICE FOR FIXING AN ELECTRICAL CONNECTION TERMINAL TO A SUPPORT

(51) International classification	:H01R4/30,F16B39/30,H01R4/50	(71)Name of Applicant :	
(31) Priority Document No	:1260706	1)DUBUIS ET CIE	
(32) Priority Date	:12/11/2012	Address of Applicant :17 19 rue Jules Berthonneau F 41000	
(33) Name of priority country	:France	Villebarou France	
(86) International Application No	:PCT/EP2013/072829	(72)Name of Inventor :	
Filing Date	:31/10/2013	1)CUMANT Mickaël	
(87) International Publication No	:WO 2014/072228		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The invention concerns a device (1) for fixing an electrical connection terminal (6) to a support (2) comprising a ring (7) designed to be received in a hole (5) formed in the support (2) and a pin (8) designed to be forcibly inserted into the ring (7) to cause the deformation of the ring (7) in such a way as to embed the ring (7) in the hole (5) the pin (8) having a threaded bore (21) designed to receive a fixing screw (9) for fixing the terminal (6) to the ring (7) the threaded bore (21) having an inner thread (25) with which an outer thread (26) of the screw (9) engages characterised in that the pin comprises a locking portion (19) in which the inner thread (25) of the bore (21) is deformed in such a way that the engagement of the outer thread (26) of the screw (9) with the inner thread (25) of the bore (21) in the locking portion results in the locking of the screw (9) in the pin (8).

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4043/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MARKING BLADE

(51) International classification :B43K27/02

(31) Priority Document No :61/714172

(32) Priority Date :15/10/2012

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

(86) International Application No :PCT/US2013/064651

Filing Date :11/10/2013

(87) International Publication No :WO 2014/062517

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KILDEVAELD Michael

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MA 02675 U.S.A.

(72)Name of Inventor :

1)KILDEVAELD Michael

(57) Abstract :

The present disclosure is directed towards the design of a marking device for writing or drawing on a given surface. The marking device can be made of any material that leaves a residue or makes legible marks on a surface brought into contact with the device. The marking device of the present disclosure can be used to make precise lines or shapes on any material including rough surfaces such as wood concrete drywall tiles etc. The marking device can consistently produce thin lines without needing any sharpening. The marking device can be attached to a support frame which can serve as a handle for grasping and using the marking device. The support frame can further provide a housing to shield the marking device from damage when not in use. In one exemplary embodiment the marking device is shaped as a razorblade and is configured to fit into any standard utility knife. In such an embodiment the utility knife serves as the support frame for the marking device. Such an arrangement allows a utility knife to be reversibly converted into a carpenter pencil.

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4034/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENHANCED ACYLTRANSFERASE POLYNUCLEOTIDES POLYPEPTIDES AND METHODS OF USE

(51) International classification :C12N15/29,C12P7/64
(31) Priority Document No :61/720069
(32) Priority Date :30/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/059524
Filing Date :22/10/2013
(87) International Publication No :WO 2014/068437
(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)ROBERTS Nicholas John
2)CURRAN Amy Christina
3)WINICHAYAKUL Somrutai
4)ROLDAN Marissa
5)SCOTT Richard William

(57) Abstract :

The invention provides modified DGAT1 proteins that are modified in the N terminal region upstream of the acyl Co A binding site. The modified DGAT proteins show enhanced activity without reduced protein accumulation when expressed in cells. The modified DGAT1 proteins of the invention can be expressed in cells to increase cellular lipid accumulation and/or modify the cellular lipid profile. The invention also provides polynucleotides encoding the modified DGAT1 proteins cells and compositions comprising the polynucleotides or modified DGAT proteins and methods using the modified DGAT1 proteins to produce oil.

No. of Pages : 225 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4035/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR FLUID DYNAMICS PREDICTION WITH AN ENHANCED POTENTIAL FLOW MODEL

(51) International classification :G06F17/50,H05K7/20
(31) Priority Document No :13/665749
(32) Priority Date :31/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067069
Filing Date :28/10/2013
(87) International Publication No :WO 2014/070657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VANGILDER James William
2)HEALEY Christopher M.
3)ZHANG Xuanhang

(57) Abstract :

A system and method for modeling airflow and temperature are disclosed. In one example the method includes receiving input data related to a physical layout of a facility dividing by a computer a representation of the facility into a plurality of grid cells identifying where effects of at least one of jet airflow thermal plumes and buoyancy forces are present in the facility based on the physical layout specifying a velocity value using a velocity correction method for a first set of the plurality of grid cells if the effects of at least one of jet airflow and thermal plumes are present within the first set of the plurality of grid cells calculating by the computer an airflow velocity value for each of a second set of the plurality of grid cells the second set being different from the first set modifying the determined airflow velocity value for any of the second set of the plurality of grid cells where the effects of buoyancy forces are present and storing on a storage device the modified airflow values.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4036/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR EVALUATING PERFORMANCE OF WIRELESS NETWORK CAPILLARY CHANNEL

(51) International classification	:H04W24/08
(31) Priority Document No	:201210427942.9
(32) Priority Date	:31/10/2012
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2013/083155
Filing Date	:09/09/2013
(87) International Publication No	:WO 2014/067347
(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)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)YIN Jianhua

(57) Abstract :

The present invention relates to the mobile communications field. Disclosed are a method and an apparatus for evaluating performance of a wireless network capillary channel. The method comprises: obtaining a network packet on the wireless network capillary channel and determining whether the network packet carries a payload; when determining that the network packet carries the payload performing retransmission rate and packet loss rate statistical processing disorder rate statistical processing and packet capturing process packet loss rate statistics processing; when determining that the network packet does not carry the payload performing packet capturing process packet loss rate statistics processing. The present invention can perform better channel performance evaluation at a more granular level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4037/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MARKING MANUFACTURED ITEMS USING PHYSICAL CHARACTERISTIC

(51) International classification	:G09C5/00,H04L9/00	(71)Name of Applicant :
(31) Priority Document No	:12197525.4	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:17/12/2012	Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/076725	(72)Name of Inventor :
Filing Date	:16/12/2013	1)CHANEZ Patrick
(87) International Publication No	:WO 2014/095737	2)FRADET Erwan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of marking a manufactured item is described comprising: creating a unique product identifier for a manufactured item; creating one or more encryption keys; generating a secret key using the unique product identifier and the one or more encryption keys; generating a system noise value by performing a hash function on the secret key and the unique product identifier; generating a physical key from a measured physical property of the manufactured item; generating a physical noise value by performing a hash function on the physical key and the unique product identifier; generating a secure identifier derived from or incorporating the system noise value and the physical noise value; and placing a mark on the manufactured item the mark comprising the secure identifier or an identifier derived from the secure identifier. Also described are methods of authenticating items marked in accordance with the described method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3933/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUPPLYING OF HEAT TO A PROCESSING DEVICE IN A PLANT FOR PRODUCING BEER

(51) International classification :C12C7/06,C12C7/22,F28D20/00
(31) Priority Document No :10 2012 220 581.0
(32) Priority Date :12/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/073139
Filing Date :06/11/2013
(87) International Publication No :WO 2014/072329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)KAMMERLOHER Helmut

(57) Abstract :

The invention relates to a method for supplying heat to at least one processing device in a brewery in multiple stages comprising the following steps: storing a heat transfer medium in an energy storage tank which heat transfer medium is heated by a heat recovery device before being stored supplying heat to the at least one processing device mainly by supplying the heat transfer medium from the energy storage tank to the at least one processing device in a first phase and then supplying a heat amount which increases over time of heat of a non recuperative origin to the heat transfer medium supplied to the at least one processing device and thus to the at least one processing device.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4046/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANTIMICROBIAL ARTICLES PRODUCED BY ADDITIVE MANUFACTURING

(51) International classification :A61L27/54,A61C13/00,A61K9/00
(31) Priority Document No :61/726433
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050871
Filing Date :14/11/2013
(87) International Publication No :WO 2014/075185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RODGERS Luke

(57) Abstract :

An antibiotic eluting article for implantation into a mammalian subject produced by an additive manufacturing process wherein a polymeric material is concurrently deposited with a selected antibiotic. The additive manufacturing process may be a fused deposition modeling process a selective laser sintering process a selective heat sintering process a digital light processing process or a stereolithography process. The antibiotic eluting article may be temporary or permanent orthopaedic skeletal component an orthopaedic articulating joint replacement component and/or an external hard shell casing for an implantable device. One or more bone growth promoting compositions may be concurrently deposited with the polymeric material. The implantable device may be a cardiac pacemaker a spinal cord stimulator a neurostimulation system an intrathecal drug pump for delivery of medicants into the spinal fluid and infusion pump for delivery of chemotherapeutics and/or anti spasmodics an insulin pump an osmotic pump and a heparin pump.

No. of Pages : 30 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4047/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NEAR FIELD COMMUNICATION METHOD OF DETECTION OF A TAG PRESENCE BY A TAG READER

(51) International classification	:G06K7/10
(31) Priority Document No	:12306461.0
(32) Priority Date	:27/11/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/074283
Filing Date	:20/11/2013
(87) International Publication No	:WO 2014/082906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ST ERICSSON SA
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1228 Plan les Ouates Switzerland
(72)**Name of Inventor :**
1)DHAYNI Achraf

(57) Abstract :

The invention concerns a Near Field Communication method of detection of a tag presence by a tag reader comprising: stimulating (S2) the transmitter of the reader so as to generate an impulse response of said transmitter evaluating (S3) the generated impulse response of said transmitter assessing (S4) from the evaluated impulse response of said transmitter the presence (S5) or the absence (S6) of a tag.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4048/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VOLTAGE POLARITY DETECTION FOR DCM/CCM BOUNDARY DETECTION IN DC/DC CONVERTERS

(51) International classification	:H02M3/158
(31) Priority Document No	:12306464.4
(32) Priority Date	:27/11/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/074764
Filing Date	:26/11/2013
(87) International Publication No	:WO 2014/083008
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ST ERICSSON SA

Address of Applicant :39 Chemin du Champ des Filles CH
1228 Plan les ouates Switzerland

(72)Name of Inventor :

1)MICHAL Vratislav

(57) Abstract :

There is described a circuit and a method of detecting a voltage polarity for the detection of a Continuous Conduction Mode to Discontinuous Conduction Mode boundary of a switched DC DC converter. There is provided use of a dynamic current mirror to store in a first capacitor (C) a voltage representative of the conduction voltage (V)of the power switch at the end of a conduction cycle of said power switch. Also an auto zero comparator is used to charge the output voltage of the dynamic current mirror into a second capacitor (C) during the first phase of operation corresponding to a conduction cycle of the power switch and to detect the polarity of the conduction voltage (V))of the power switch at the end of the first phase of operation of the DC DC converter by comparing the voltage stored in the second capacitor during the first phase of operation with the output voltage of the dynamic current mirror in a second phase of operation (F) corresponding to a non conduction cycle of the power switch.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3848/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR MAKING COATED VEGETABLES

(51) International classification :A23L1/00,A23L1/01,A23L1/217
(31) Priority Document No :61/722431
(32) Priority Date :05/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/002443
Filing Date :04/11/2013
(87) International Publication No :WO 2014/068391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAMES David
2)HUME Pamela

(57) Abstract :

The present application relates to a process of producing an oil fried batter coated vegetable food article. The process optionally relates to the production of an oil fried batter coated vegetable article where the batter coating covers a vegetable such as a potato portion optionally a French fry. The present application further relates to a process of producing an oil fried starchy vegetable food article in the absence of a batter. Optionally the vegetable is an oil fried potato food article. The present disclosure further relates to a steam treatment apparatus which produces steam and creates a steam environment for a food product to pass through prior to the frying of the food product in oil. The food product may be at least partially formed from one or more vegetables and coated in a coating containing starch that is treated with steam prior to being fried in oil. Alternatively the food product may be a portion of a starchy vegetable which is blanched prior to being steamed treated and fried in oil.

No. of Pages : 77 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3969/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPOUNDS USEFUL FOR TREATING OCULAR NEOVASCULAN

(51) International classification :A61K31/341,A61K31/35,A61K31/395
(31) Priority Document No :1218676.3
(32) Priority Date :17/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052716
Filing Date :17/10/2013
(87) International Publication No :WO 2014/060763
(61) Patent of Addition 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)BATES David Owen
3)GAMMONS Melissa
4)MORRIS Jonathan

(57) Abstract :

Anti angiogenic treatments treatments of hyperpermeability disorders treatments of neuropathic and neurodegenerative disorders pain treatments methods of reducing the risk of pre eclampsia and compounds for use in such methods are described.

No. of Pages : 75 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3970/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PREDICTION OF AN IMMUNE RESPONSE AGAINST MISMATCHED HUMAN LEUKOCYTE ANTIGENS

(51) International classification :G01N33/68,G06F19/10
(31) Priority Document No :12075124.3
(32) Priority Date :08/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073386
Filing Date :08/11/2013
(87) International Publication No :WO 2014/072467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)SPIERINGS Hendrikus Theodorus

(57) Abstract :

The invention relates to a method for prediction of an immune response against human leukocyte antigens (HLA) after transplantation said method comprising HLA typing of the donor and/or donor material and recipient to determine HLA mismatches and determination of the number of predicted indirectly recognized HLA epitopes (PIRCHES). The invention therefore provides methods for selecting and/or screening donor material for allogeneic transplantation for example for selecting donor material with permissible mismatches from mismatched unrelated donors. In preferred embodiments the method relates to pre transplantation prediction of an unwanted alloreactivity that could occur after transplantation of hematopoietic stem cells cord blood kidneys and/or other cells tissues or organs.

No. of Pages : 84 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4984/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRY POWDER INHALER MOUTHPIECE BUTTON

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000085

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129785

(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)BILGIC, MAHMUT

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(TR) Turkey

(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which is appropriate for delivering the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disease (COPD) and allergic rhinitis by the oral route and has a mechanism preventing the problems resulting from inadvertent actuation of the device.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4985/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : INHALER USED FOR DELIVERY OF MEDICAMENT IN DRY POWDER FORM

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000086

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129786

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which is appropriate for delivering the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disease (COPD) and allergic rhinitis by the oral route and has a mechanism preventing the problems resulting from inadvertent actuation of the device. Fig. 5c

No. of Pages : 43 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3947/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD FOR PREPARING A PHARMACEUTICAL COMPOSITION

(51) International classification :A61K9/16
(31) Priority Document No :60/713,403
(32) Priority Date :01/09/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/033432
Filing Date :28/08/2006
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1810/DELNP/2008
Filed on :29/02/2008

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(72)Name of Inventor :
1)GEORGE OWOO
2)RICHARD A. BURGOS

(57) Abstract :

A method for preparing an aqueous, stable, sterile pharmaceutical composition of a thrombin inhibitor suitable for parenteral administration, substantially free from dehydrated alcohol and having a pH between 4.5 and 5.5 comprising forming an aqueous solution comprising: a. 0.1 to 10 mg/ml 1-[5-[(aminoiminomethyl)amino]-l-oxo-2-[[1,2,3,4-tetrahydro-3-methyl-8quinolinyl)ulfonyl]amino]pentyl]-4-methyl-2-piperidinecarboxylic acid hydrate (argatroban); and b. an acid to solubilize the argatroban in a sealed container; and autoclaving for a period of time sufficient to render the composition sterile.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3949/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MIXER AND REACTOR AND PROCESS INCORPORATING THE SAME

(51) International classification :B01F5/06,B01J4/00
(31) Priority Document No :61/718920
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064825
Filing Date :14/10/2013
(87) International Publication No :WO 2014/066083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)TIRTOWIDJOJO Max M.
2)BAI Hua
3)CALVERLEY Edward M.

(57) Abstract :

The present invention relates to a mixer an apparatus comprising the mixer and a reactor and processes incorporating the same. The mixer comprises an inlet (104) to a chamber (102) wherein the chamber inlet angle is less than 90°. The mixer further comprises an expander zone (106) that expands outwardly at an expander angle of less than 90°. The mixer may be coupled to a reactor at its outlet which may closely approximate the size of the reactor inlet due to the expander (106).

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4994/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD OF AND A WELDING STATION FOR LAYING A PIPELINE, WITH PIPE SECTION WELDED TO GETHER BY INTERNAL AND EXTERNAL WELDING

(51) International classification	:B23K 9/028
(31) Priority Document No	:0921078.2
(32) Priority Date	:01/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051995
Filing Date	:30/11/2010
(87) International Publication No	:WO 2011/067589
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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SAN DONATO MILANESE, I-20097, ITALY Italy

(72)Name of Inventor :

1)BOWERS, JONATHAN

(57) Abstract :

A method of laying a pipeline is described in which both internal and external weld passes are performed in order to weld together the pipe sections (2a, 2b). The method includes arranging a pipe section (2b) adjacent to the end (2a) of a pipeline thereby defining a circumferential joint (8) to be welded, performing an external weld pass, with for example GMAW - MIG torches (10), on the root (4r) of the joint (8) to be welded during which weld material is deposited in the root (4r) of the joint (8) to be welded, thereby forming a root weld (4r), and then performing an internal weld pass, with for example a GTAW - TIG torch (12), on the root weld (4r) during which the root weld (4r) is melted and re-shaped. The method has particular application in relation to pipes clad with corrosion resistant alloy (CRA) (6).

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4995/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : TURBOCHARGER

(51) International classification	:F02B 37/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/006971
Filing Date	:17/12/2009
(87) International Publication No	:WO 2011/074039
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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TOKYO 1358710, JAPAN Japan
(72)**Name of Inventor :**
1)MATSUYAMA, YOSHIMITSU

(57) Abstract :

A variable geometry turbocharger includes a bearing housing rotatably supporting a turbine impeller; and an exhaust nozzle changing the flow rate of an exhaust gas supplied to the turbine impeller, wherein the exhaust nozzle has an exhaust inlet wall disposed at the bearing housing side, the turbocharger has a seal member exhibiting a ring shape and sealing a gap formed between the bearing housing and the exhaust inlet wall, and an inner circumferential edge of the seal member firmly contacts the bearing housing and an outer circumferential edge of the seal member firmly contacts the exhaust inlet wall.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4996/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYRINGE FLANGE PROTECTOR

(51) International classification	:A61M 5/20
(31) Priority Document No	:0921384.4
(32) Priority Date	:07/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/052029
Filing Date	:06/12/2010
(87) International Publication No	:WO 2011/070346
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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KINGDOM U.K.

(72)Name of Inventor :

1)CLEATHERO, IAN

2)CAMMISH, NEIL BENTLEY

(57) Abstract :

A syringe flange protector for transmitting an axial force from a drive element to a syringe barrel, the syringe barrel having a flange projecting radially from the barrel; comprising a spacer element that is adapted to be disposed axially rearward of at least part of the flange, and is further adapted to communicate with the drive element through one or more points at a first radial distance from a longitudinal axis of the spacer element, and to transmit axial force from the drive element to the barrel through one or more points at a second radial distance from the longitudinal axis of the spacer element, where the second radial distance is less than the first radial distance.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3980/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PURIFICATION OF X RAY CONTRAST AGENTS

(51) International classification :C07C231/24,C07C237/46,A61K49/04
(31) Priority Document No :12198020.5
(32) Priority Date :19/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/070699
Filing Date :19/11/2013
(87) International Publication No :WO 2014/099214
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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N 0401 Oslo Norway
(72)Name of Inventor :
1)CERVENKA Jan
2)THANING Mikkel
3)OLSSON Andreas
4)GLOGARD Christian

(57) Abstract :

The present invention relates to a process for purification of iodinated X ray contrast agents and in particular to purification of crude dimeric contrast agents such as Iodixanol and Ioforminol. More particularly the invention relates to purification of such X ray contrast agents using membrane technology to remove monomeric impurities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3981/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FACILITY AND METHOD FOR MANUFACTURING CONTINUOUS HOT DIP ZINC COATED STEEL SHEET

(51) International classification :C23C2/02,C21D1/76,C21D9/56
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No:PCT/JP2012/007778
Filing Date :04/12/2012
(87) International Publication No :WO 2014/087452
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)SATO Nobuyuki
2)NAKAZATO Kazuki
3)FUJII Takamasa

(57) Abstract :

Provided are a facility and a method for manufacturing a continuous hot dip zinc coated steel sheet whereby it becomes possible to ensure the maintenance of quality and a plating property of a plated product at high levels and in a steady manner. A facility for manufacturing a continuous hot dip zinc coated steel sheet in which a continuous annealing furnace which is a furnace partitioned into three zones in total i.e. a heating zone for heating a steel strip that is a strip shaped steel sheet to be passed through the furnace a burning zone for burning the steel strip and a cooling zone for cooling the steel strip arranged in this order as observed from the upstream side of a passage through which the steel strip passes is directly connected to a hot melt zinc plating bath through a snout which is a closed space passage for directly sending the steel strip from the furnace into the plating bath. The facility is characterized by being provided with: a dew point meter and a suction outlet port and a blowing port both for a gas in the furnace all of which are provided in any one of the three zones; gas circulation passages to a refiner that is a water removal apparatus provided outside the furnace wherein the gas circulation passages are formed separately in the zones in each of which the refiner is connected to the suction outlet port and the blowing port; and a dew point meter and a humidifier for humidifying the inside of the snout both of which are provided in the snout. The facility is also characterized in that the refiner can operate in such a manner that the measurement value by the dew point meter in each of the connected zones coincides with an intended dew point in each of the gas circulation passages and the humidifier can operate in such a manner that the measurement value by the dew point meter in the snout coincides with an intended dew point for the snout.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3982/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRANS ORAL CIRCULAR ANVIL INTRODUCTION SYSTEM WITH DILATION FEATURE

(51) International classification	:A61B17/11,A61B17/115	(71)Name of Applicant :
(31) Priority Document No	:13/693430	1)ETHICON ENDO -SURGERY, INC.
(32) Priority Date	:04/12/2012	Address of Applicant :4545 Creek Road, Cincinnati ,Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2013/073097	(72)Name of Inventor :
Filing Date	:04/12/2013	1)SCHEIB, Charles J.
(87) International Publication No	:WO 2014/089197	2)MEASAMER ,John P.
(61) Patent of Addition to Application	:NA	3)SHELTON IV ,Frederick E.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An anvil introduction system is operable to provide smooth insertion of an anvil (240) of a surgical stapling device (10) through a bodily lumen such as the esophagus. The anvil introduction system is coupled to the anvil (240) and includes a dilation feature (210). The dilation feature (210) has a collapsed position and an expanded position. The dilation feature (210) may cover staple pockets (252) and an outer edge of the anvil (240) with the dilation feature (210) is in the expanded position. The anvil (240) may be inserted through the bodily lumen with the dilation feature (210) in the expanded position. The dilation feature (210) may then be collapsed in order to complete an end- to- end anastomosis of the bodily lumen.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5000/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODULE UNIT

(51) International classification	:H05K 5/00
(31) Priority Document No	:10 2009 059 010.2
(32) Priority Date	:17/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/007723
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/082799
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SOFKER, JORG

(57) Abstract :

The invention relates to a module unit with a receiving element (12) for receiving one or more circuit boards (14, 16, 18) and two lateral elements (26) which can be arranged on the receiving element (12). Said receiving element (12) is formed from an extrusion profile and has at least two recesses (44) inside which the lateral elements (26) can be secured to the receiving element (12) by catches.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3883/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLAVOUR ADDITIVES

(51) International classification :A23L1/22,A23K1/16,A23K1/18
(31) Priority Document No :12190902.2
(32) Priority Date :31/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/072788
Filing Date :31/10/2013
(87) International Publication No :WO 2014/068043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)MCGRANE Scott
2)TAYLOR Andy

(57) Abstract :

The present invention relates to the use of a first amino acid selected from the group consisting of glycine alanine cysteine histidine leucine methionine phenylalanine serine tryptophan and tyrosine or a mixture of two or more thereof; a second amino acid selected from the group consisting of aspartic acid cystine glutamic acid glutamine isoleucine lysine aspartic acid ornithine threonine valine proline and hydroxyproline or a mixture of two or more thereof and one or more furanones for increasing the palatability of a foodstuff to a companion animal. The invention also relates to a pet foodstuff or supplement comprising a first amino acid selected from the group consisting of glycine alanine cysteine histidine leucine methionine phenylalanine serine tryptophan and tyrosine or a mixture of two or more thereof; a second amino acid selected from the group consisting of aspartic acid cystine glutamic acid glutamine isoleucine lysine aspartic acid ornithine threonine valine proline and hydroxyproline or a mixture of two or more thereof and one or more furanones and also to a method of increasing the palatability of a foodstuff to a companion animal.

No. of Pages : 61 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3991/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ORAL CARE COMPOSITION

(51) International classification :A61K8/362,A61Q11/00,A61K8/21
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/074286
Filing Date :03/12/2012
(87) International Publication No :WO 2014/086391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)POTH ,Tilo
2)BRUNELLA,, Andre
3)EICHLER ,Robert

(57) Abstract :

Described herein is an oral care composition comprising an orally acceptable vehicle, a fluoride ion and a buffer having a pKa of less than 7.0 wherein the pH of the oral composition is greater than 3.5 and less than 5.0 , and wherein the oral composition has an acid number greater than 4.5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3992/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ZINC PHOSPHATE CONTAINING COMPOSITIONS

(51) International classification	:A61K8/27,A61Q11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No	:PCT/US2012/068000	(72)Name of Inventor :
Filing Date	:05/12/2012	1)REGE Aarti
(87) International Publication No	:WO 2014/088573	2)SURIANO David F.
(61) Patent of Addition to Application	:NA	3)SULLIVAN Richard
Number	:NA	4)STRANICK Michael A.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides oral care compositions for example a dentifrice or mouthwash comprising zinc phosphate wherein the zinc phosphate is added to the dentifrice or mouthwash as a preformed salt; as well as methods of making and using the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3993/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SURFACTANT SYSTEMS FOR ZINC CONTAINING COMPOSITIONS

(51) International classification :A61K8/27,A61K8/43,A61K8/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/068108
Filing Date :06/12/2012
(87) International Publication No:WO 2014/088575
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)ROBINSON Richard Scott
2)JOSIAS Wilbens

(57) Abstract :

Disclosed are oral care compositions comprising an orally acceptable vehicle a basic amino acid in free or salt form particles of precipitated calcium carbonate a source of zinc ions and a surfactant system selected from at least one of a poloxamer nonionic surfactant and a betaine zwitterionic surfactant or a mixture thereof.

No. of Pages : 33 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3994/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PP COMPOUNDS WITH ALLEVIATED OR ELIMINATED TIGER STRIPE AND RETAINED EXCELLENT MECHANICAL PROPERTIES

(51) International classification :C08K3/00,C08L23/12,C08L23/10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2012/001601

Filing Date :30/11/2012

(87) International Publication No :WO 2014/082188

(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)ZHU Jianglei

2)ZHANG Jiandong

3)CHEN Shih Ping

(57) Abstract :

Provided are a polypropylene composition (PP) an article comprising said polypropylene composition (PP) as well as the use of said polypropylene composition (PP) for the preparation of a moulded article and the use of said polypropylene composition (PP) for reducing tiger stripes on the surface.

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5013/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SKIN STIMULUS

(51) International classification	:A61B 5/151
(31) Priority Document No	:0919568.6
(32) Priority Date	:09/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051861
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/055150
(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)NICHOLLS CLIVE
2)EVANS TIMOTHY SIMON
3)HUDSON CHRISTOPHER W.

(57) Abstract :

Skin stimulus arrangements are described for creating a stimulus in the skin in the vicinity of a treatment or wound site to alleviate the perception of pain. First and second textured surfaces are provided for making contact with the skin, with the surfaces being moved to create a stimulus which alleviates the perception of pain. The movement may be linear, rotary or a combination of both, and just a single textured surface may be provided. Figure 1 refers.

No. of Pages : 39 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3955/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH TEMPERATURE CCR PROCESS WITH INTEGRATED REACTOR BYPASSES

(51) International classification :C10G35/00,C10G35/02,C10G59/00

(31) Priority Document No :13/682061

(32) Priority Date :20/11/2012

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

(86) International Application No :PCT/US2013/068398

Filing Date :05/11/2013

(87) International Publication No :WO 2014/081554

(61) Patent of Addition 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)MOSER Mark D.

(57) Abstract :

A process is presented for increasing the aromatics content in a reformat process stream. The process modifies existing processes to change the operation without changing the reactors or heating units. The process includes bypasses to utilize heating capacity of upstream heating units and passes the excess capacity of the upstream heating units to downstream process streams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3956/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH TEMPERATURE REFORMING PROCESS FOR INTEGRATION INTO EXISTING UNITS

(51) International classification :C10G35/00,C10G35/02,C10G59/00

(31) Priority Document No :13/682141

(32) Priority Date :20/11/2012

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

(86) International Application No :PCT/US2013/068406

Filing Date :05/11/2013

(87) International Publication No :WO 2014/081555

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)MOSER Mark D.

2)SADLER Clayton C.

(57) Abstract :

A process is presented for increasing the aromatics content in a reformat process stream. The process modifies existing processes to change the operation without changing the reactors or heating units. The process includes bypasses to utilize heating capacity of upstream heating units and passes the excess capacity of the upstream heating units to downstream process streams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3957/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PRODUCING DIESEL

(51) International classification :C10G45/00,C10G45/02,C10G65/00

(31) Priority Document No :13/687757

(32) Priority Date :28/11/2012

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

(86) International Application No :PCT/US2013/071561

Filing Date :25/11/2013

(87) International Publication No :WO 2014/085278

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)KOKAYEFF Peter

2)ZIMMERMAN Paul R.

(57) Abstract :

A process is disclosed for hydrocracking a primary hydrocarbon feed and a diesel co feed in a hydrocracking unit and hydrotreating a diesel product from the hydrocracking unit in a hydrotreating unit. The diesel stream fed through the hydrocracking unit is pretreated to reduce sulfur and ammonia and can be upgraded with noble metal catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4990/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : INHALER COMPRISING BLISTER PACKAGE

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000091

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129791

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(TR) Turkey

(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which comprises blister package and is appropriate for effective and safe delivery of the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disorder (COPD) and allergic rhinitis by the oral route.

No. of Pages : 48 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4991/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRY POWDER INHALER MOUTHPIECE BUTTON

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000093

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129793

(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)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler comprising blister package which is appropriate for effective and safe delivery of the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disorder (COPD) and allergic rhinitis by the inhalation route.

No. of Pages : 48 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4992/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : INHALATION DEVICE

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000094

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129794

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which comprising blister package which is appropriate for effective and safe delivery of the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disorder (COPD) and allergic rhinitis by the oral route. Fig. 2

No. of Pages : 46 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4993/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRY POWDER INHALER MOUTHPEICE BUTTON

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000095

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129795

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which is appropriate for delivering the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disease (COPD) and allergic rhinitis by the oral route and has a mechanism preventing the problems resulting from inadvertent actuation of the device. Fig. 6a

No. of Pages : 44 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3983/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SURGICAL STAPLE WITH INTEGRAL PLEDGET FOR TIP DEFLECTION

(51) International classification	:A61B17/064,A61B17/072	(71)Name of Applicant :
(31) Priority Document No	:13/688951	1)ETHICON ENDO- SURGERY, INC.
(32) Priority Date	:29/11/2012	Address of Applicant :4545 Creek Road, Cincinnati, Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2013/071617	(72)Name of Inventor :
Filing Date	:25/11/2013	1)SHELTON ,IV ,Frederick E.
(87) International Publication No	:WO 2014/085301	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circular stapler apparatus for stapling tissue includes a staple and pledget assembly and a circular staple head operable to drive staples toward an anvil. A staple of the staple and pledget assembly has a pair of legs disposed substantially perpendicular to a crown of the staple in a first position. The pair of legs is operable to advance against a pocket in the anvil to form a staple with bent legs. The staple and pledget assembly includes the staple and a pledget configured to receive the pair of legs of the staple. The pledget comprises a bioabsorbable material. The pledget is configured to advance distal ends of the pair of legs to a position in which the distal ends are laterally offset from a plane in which the crown of the staple is disposed.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3984/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPOSITION FOR IMMEDIATE AND EXTENDED RELEASE

(51) International classification :A61K9/00,A61K38/11,A61K9/19

(31) Priority Document No :3575/DEL/2012

(32) Priority Date :21/11/2012

(33) Name of priority country :India

(86) International Application No :PCT/EP2013/074373

Filing Date :21/11/2013

(87) International Publication No :WO 2014/079922

(61) Patent of Addition 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)AHUJA, Varinder

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3)BARABDE, Umesh Vinayakrao

4)HAGSTEN ,Arne

5)WANNERBERGER, Kristin

6)BOORUGU ,Rambabu

7)SOMWANSHI Amol Vilasrao

(57) Abstract :

The subject invention relates to fast dissolving pharmaceutical compositions comprising an active ingredient for immediate release and further comprising a controlled release dosage form comprising an active ingredient for controlled release.

No. of Pages : 75 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3985/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PIVOTING ANVIL FOR SURGICAL CIRCULAR STAPLER

(51) International classification :A61B17/115,A61B17/068,A61B17/00
(31) Priority Document No :13/688992
(32) Priority Date :29/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071622
Filing Date :25/11/2013
(87) International Publication No :WO 2014/085303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO- SURGERY, INC.
Address of Applicant :4545 Creek Road, Cincinnati ,Ohio
45242 U.S.A.
(72)Name of Inventor :
1)SCHEIB, Charles J.
2)HALL ,Steven G.
3)SHELTON, IV ,Frederick E.

(57) Abstract :

A circular stapler apparatus for stapling tissue has a circular stapling head operable to drive staples toward an anvil to form the staples in a circular array. The anvil includes an anvil head, a proximal shaft extending proximally from the anvil head and having a proximal end disposed in a first plane, and a first pivot connecting the anvil head to the proximal shaft. The first pivot is operable to be disposed in a second plane that is laterally offset from the first plane. The anvil is configured to rotate via movement through multiple pivot points. The anvil may be configured to rotate to a position in which a portion of the anvil head is disposed below the first pivot and between the first pivot and the proximal shaft such that the anvil head is acutely angled with respect to a longitudinal axis of the proximal shaft.

No. of Pages : 42 No. of Claims : 20

(54) Title of the invention : SURGICAL STAPLER WITH VARYING STAPLE WIDTHS ALONG DIFFERENT CIRCUMFERENCES

(51) International classification	:A61B17/064,A61B17/115	(71) Name of Applicant :
(31) Priority Document No	:13/706827	1)ETHICON ENDO -SURGERY, INC.
(32) Priority Date	:06/12/2012	Address of Applicant :4545 Creek Road, Cincinnati, OH
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2013/073100	(72) Name of Inventor :
Filing Date	:04/12/2013	1)MEASAMER ,John, P.
(87) International Publication No	:WO 2014/089200	2)ALEXANDER ,Johnny, H., III
(61) Patent of Addition to Application Number	:NA	3)MILLER, Christopher, C.
Filing Date	:NA	4)LESKO ,Jason, R.
(62) Divisional to Application Number	:NA	5)MERRITT ,James, S.
Filing Date	:NA	6)WIDENHOUSE ,Tamara S. ,Vetro
		7)SHELTON ,Frederick, E., IV.

(57) Abstract :

An apparatus for stapling tissue includes a head assembly , a handle actuator in communication with the head assembly and a staple cartridge. The head assembly is operable to drive a plurality of staples in response to actuating the handle actuator. The staple cartridge is in communication with the head assembly. The staple cartridge comprises a first annular ring of apertures and a second ring of apertures. The first annular ring of apertures includes apertures having a different size than the second annular ring of apertures , such that the apertures accommodate staples having different crown lengths. The staples may include pledgets (700) that are configured to provide a greater staple footprint and have staple receiving openings (704) and tabs (706 708).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3987/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : LOW GWP HEAT TRANSFER COMPOSITIONS

(51) International classification :C09K5/04,F25B1/00
(31) Priority Document No :61/729291
(32) Priority Date :21/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067222
Filing Date :29/10/2013
(87) International Publication No :WO 2014/081539
(61) Patent of Addition 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)YANA MOTTA ,Samuel F.

2)SPATZ ,Mark W.

3)VERA BECERRA ,Elizabet Del Carmen

4)SETHI, Ankit

5)MORRIS, Thomas

(57) Abstract :

The present invention relates, in part , to heat transfer and refrigerant compositions and methods that include HFC -32; HFO -1234ze and HFC- 125.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5031/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : A COMBUSTION CHAMBER FOR A TURBINE ENGINE

(51) International classification :F23R 3/00
(31) Priority Document No :0906009
(32) Priority Date :11/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052600
Filing Date :02/12/2010
(87) International Publication No :WO 2011/070273
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CAROLINE JACQUELINE DENISE BERDOU

2)LAURENT BERNARD CAMERIANO

3)NA

(57) Abstract :

The invention relates to a combustion chamber (1) for a turbine engine such as an airplane turboprop or turbojet, the combustion chamber has inner and outer annular walls (3, 4) forming bodies of revolution that are connected together by an annular chamber end wall (5). The inner wall (3) is constituted by a single thickness of material that presents thickness and/or nature varying along the longitudinal axis and/or the circumferential direction of said wall.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4049/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLLUTION REMOVAL COMPOSITION AND USE THEREOF

(51) International classification	:C09K3/32
(31) Priority Document No	:12 61358
(32) Priority Date	:28/11/2012
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2013/052894
Filing Date	:28/11/2013
(87) International Publication No	:WO 2014/083288
(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)MEYER Marie Claude

(57) Abstract :

The invention relates to a composition comprising: (a) at least one neutralising agent; (b) at least one absorbent agent; and (c) at least one texturing mixture in the form of a mixture comprising silica gel and an amphoteric texturing agent of which the two pKa (pKa1 and pKa2 pKa being less than pKa) fulfill the following conditions: $pKa > 2$ $pKa < 12$ and $< (pKa + pKa)/2 < 10$. The invention also relates to the use of the composition for pollution removal.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5004/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPRESSOR END HEAD HEATING ARRANGEMENT

(51) International classification	:F04D 29/12
(31) Priority Document No	:CO2009A00061
(32) Priority Date	:07/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/068845
Filing Date	:03/12/2010
(87) International Publication No	:WO 2011/069909
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BIGI, MANUELE
3)DEVANBU, SURESH

(57) Abstract :

A compressor end head (200) for providing a thermal barrier near a mechanical seal includes an inner end head (210) and an outer end head (220). The outer end head (220) includes an opening (221) in the center for enclosing the inner end head (210), an outlet (224) and grooves (225) alongside surfaces radially adjacent the opening (221). The inner end head (210) has an opening (211) in the center, an inlet (213), grooves (212) in the opening (211) for enclosing an end portion of a compressor shaft and a flow path along an outer surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5005/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTI-LAYER ARTICLE COMPRISING POLYIMIDE NANOWEB

(51) International classification :H01M 2/16
(31) Priority Document No :61/286,618
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060051
Filing Date :13/12/2010
(87) International Publication No :WO 2011/081875
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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3)DENNES, JOSEPH T.
4)HOLOWKA, ERIC, P.
5)KRISHNAMURTHY, LAKSHMI
6)MAZUR, STEPHEN
7)SIMMONDS, GLEN, EDWARD

(57) Abstract :

This invention provides a multi-layer article comprising a first electrode material, a second electrode material, and a porous separator disposed between and in contact with the first and the second electrode materials, wherein the porous separator comprises a nanoweb consisting essentially of a plurality of nanofibers of a frilly aromatic polyimide. Also provided is a method for preparing the multi-layer article, and an electrochemical cell employing the same. A multi-layer article comprising a polyimide nanoweb with enhanced properties is also provided.

No. of Pages : 60 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5006/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR OPTIMIZING THE ENERGY OF PUMPS

(51) International classification :F04D 13/14
(31) Priority Document No :10000447.2
(32) Priority Date :19/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/000184
Filing Date :18/01/2011
(87) International Publication No :WO 2011/088983
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KALLESTE, CARSTEN, SKOVMOSE
2)DE PERSIS, CLAUDIO

(57) Abstract :

The device for energy-optimisation on operation of several centrifugal pumps controlled in rotational speed, in a hydraulic installation, begins firstly with determining which pumps as pilot pumps are assigned directly to a consumer and which pumps are hydraulically connected in series upstream of the pilot pumps. Thereafter, one or more energy-optimisation circuits are formed, which in each case consist of one or more pilot pumps and of one or more pumps connected in series upstream, which deliver into the pilot pumps, wherein the energy-optimisation circuits are selected such that the pumps connected in series upstream in each case are assigned to only one energy- optimisation circuit, whereupon the energy-optimisation circuits are energy-optimised with respect to the pumps.

No. of Pages : 40 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5007/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : ATMOSPHERIC WATER GENERATOR

(51) International classification	:F24F 1/00
(31) Priority Document No	:61/262,862
(32) Priority Date	:19/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057371
Filing Date	:19/11/2010
(87) International Publication No	:WO 2011/063199
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WHITE, KEITH

(57) Abstract :

An atmospheric water generator and system for condensing and collecting moisture contained in the air serves to cool and dehumidify the air. The collected water is purified and can be dispensed at hot or cold temperatures, on demand. In alternative embodiments, the system can be used in a multi-zone application or to provide cooled air and water to a building. An embodiment primarily for use as an air conditioning unit is also described.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3966/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PRODUCING A ROTOR BLADE BELT

(51) International classification	:B29C70/52,B29D99/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012 219 224.7	1)SENVION SE
(32) Priority Date	:22/10/2012	Address of Applicant :berseering 10 22297 Hamburg Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/003007	1)EYB Enno
Filing Date	:07/10/2013	2)BENDEL Urs
(87) International Publication No	:WO 2014/063783	3)ZELLER Lenz Simon
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system and a method for producing a rotor blade belt (1) with pultruded rods (7 8) from a fiber reinforced material. According to the invention the system comprises at least one retaining device (10) for rotatably supporting at least one rod layer roll (2 2) with a rolled layer (4; 6 6) made of adjacently arranged pultruded rods (7 8); a laminating mold (40) for receiving layers (6 6) of pultruded rods (7 8); at least one guiding device (20); and at least one trimming device (30). The guiding device (20) is designed to guide a layer (6 6) of pultruded rods (7 8) said layer being unrolled from a rod layer roll (2 2) onto the laminating mold (40) wherein the trimming device (30) has a sawing device and/or a milling device for trimming the layers (6 6) of pultruded rods (7 8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3967/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL ACYLTRANSFERASE POLYNUCLEOTIDES POLYPEPTIDES AND METHODS OF USE

(51) International classification :C12N15/29,C12P7/64
(31) Priority Document No :61/720136
(32) Priority Date :30/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/059525
Filing Date :22/10/2013
(87) International Publication No :WO 2014/068438
(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)WINICHAYAKUL Somrutai

4)ROLDAN Marissa

5)SCOTT Richard William

(57) Abstract :

The invention provides a novel DGAT1 protein with improved properties over known DGAT proteins particularly known DGAT1 proteins from plants. The novel DGAT1 protein of the invention can be expressed in cells to increase cellular lipid accumulation. Expression of the DGAT1 protein of the invention in cells results in a higher level of lipid than any of several other plant DGAT1 proteins tested by the applicants. The invention provides polynucleotides encoding the novel DGAT1 protein of SEQ ID NO:39 constructs cells plant plant parts and progeny comprising the polynucleotides and methods of use of the polynucleotides and polypeptides of the invention.

No. of Pages : 308 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5024/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : NUTRIENT YIELDING BIO-RENEWABLE CONTROLLED RELEASE FERTILIZER COATINGS

(51) International classification :C05G 3/00
(31) Priority Document No :61/283,655
(32) Priority Date :07/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059267
Filing Date :07/12/2010
(87) International Publication No :WO 2011/071909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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U.S.A.
(72)Name of Inventor :
1)JAMES E. NEVIN

(57) Abstract :

Animal waste is processed to form a biomaterial that is employed as a coating layer for typical fertilizer particles. The biomaterial coating layer can be used neat or with additives and serves to do one or more or any combination of the following: (a) impart a slow or controlled release property to the fertilizer, (b) prevent the tendency of the fertilizer particles to cake together, or (c) prevent or reduce the tendency of the fertilizer particles to create dust. The biomaterial coating layer can also release nutrients when used as part of a fertilizer composition.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5026/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : PARABOLIC COLLECTOR

(51) International classification	:F24J 2/12
(31) Priority Document No	:1942/09
(32) Priority Date	:17/12/2009
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH2010/000313
Filing Date	:16/12/2010
(87) International Publication No	:WO 2011/072410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AIRLIGHT ENERGY IP SA
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SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)MAURO PEDRETTI

(57) Abstract :

A parabolic collector for the concentration of solar radiation has a reflective surface which is approximated to an ideal paraboloid and has a number of individual collectors. According to the invention, individual collectors are provided with a pressure cell with a concentrator formed from a flexible film, whereby, under operating pressure ditions, the concentrator is curved differently in a predetermined manner in a first and in a second direction for approximating the ideal paraboloid, such that the radius of curvature in the first direction is greater than that in the second direction. The production method for such a concentrator consists in the fact that the outline of the individual collectors is designed in the outline of the parabolic collector, the true dimensions of the individual collectors being determined from the intersection of cylinders positioned on the outline with the paraboloid of the parabolic collector.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4016/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTI LEVEL PROGRESS BARS PROGRESS CONTROL METHOD AND APPARATUS

(51) International classification	:G11B27/10
(31) Priority Document No	:201310214891.6
(32) Priority Date	:31/05/2013
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2014/076179
Filing Date	:25/04/2014
(87) International Publication No	:WO 2014/190829
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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of China Resources No. 68 Qinghe Middle Street Haidian District
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(72)Name of Inventor :

1)QIN Qiuping

(57) Abstract :

Disclosed are a multi level progress bars and a progress control method and apparatus which belong to the field of computer technologies. In the method multi level progress bars at least comprise two levels of progress bars; each level of progress bar at least comprises one progress slider and the progress slider is used for performing progress adjustment on a corresponding progress bar; each level of progress bar corresponds to a different progress adjustment function; the progress adjustment function is a function between a sliding distance of a progress slider and a progress adjustment value; the levels of progress bars are linked based on the progress adjustment value and corresponding progress adjustment functions. In the present disclosure fine progress adjustment is implemented through multi level progress bars thereby solving a problem of inaccurate progress positioning in the prior art.

No. of Pages : 29 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4017/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTI TURN COIL MULTIPLEX CIRCUIT AND METHOD AND DEVICE FOR CONTROLLING MULTI TURN COIL MULTIPLEX CIRCUIT

(51) International classification	:H04N5/232
(31) Priority Document No	:201310231968.0
(32) Priority Date	:09/06/2013
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2014/076105
Filing Date	:24/04/2014
(87) International Publication No	:WO 2014/198160
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DI Hao

2)SHI Xinming

3)SUN Wei

(57) Abstract :

Embodiments of the present disclosure provide a multi turn coil multiplex circuit. The multi turn coil multiplex circuit comprises: a multi turn coil a transfer switch a Near Field Communication (NFC) matching circuit and a camera daughter board; the transfer switch comprises a public port a first port and a second port; the multi turn coil is connected to the public port the NFC matching circuit is connected to the first port and the camera daughter board is connected to the second port. When a camera control signal is present the connection with the second port is turned on and the multi turn coil is used as a camera focusing coil in the camera daughter board; and when no camera control signal is present the connection with the first port is turned on and the multi turn coil is used as a NFC antenna in the NFC matching circuit. The embodiments of the present disclosure directly integrate the NFC antenna on a main board thus avoiding poor contact of the NFC antenna contact point caused by dismounting a battery cover and enhancing stability of the NFC antenna.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4018/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANTI PATHOGENIC METHODS

(51) International classification :A01N37/18,C07K14/415,A61K38/16
(31) Priority Document No :61/729467
(32) Priority Date :23/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2013/001346
Filing Date :22/11/2013
(87) International Publication No :WO 2014/078900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)VAN DER WEERDEN Nicole
2)ANDERSON Marilyn Anne

(57) Abstract :

The present disclosure teaches the protection of plants and human and non human subjects from pathogens. The present disclosure enables a multivalent approach to inhibiting pathogen infection in plant and human and non human animal subjects and to ameliorate damage to susceptible subjects.

No. of Pages : 125 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4019/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD OF MOLDING THERMOPLASTIC POLYMER COMPOSITIONS COMPRISING HYDROXYLATED LIPIDS

(51) International classification :B29C45/00,C08K5/103
(31) Priority Document No :61/728764
(32) Priority Date :20/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070901
Filing Date :20/11/2013
(87) International Publication No :WO 2014/081765
(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)ALTONEN Gene Michael

2)LAYMAN John Moncrief

3)NELTNER Andrew Eric

4)NODA Isao

5)BOND Eric Bryan

6)ALLEN William Maxwell

7)SATKOWSKI Michael Matthew

8)DEROSE Stephen Anthony

9)SHUMATE Robert Edward

(57) Abstract :

Methods of molding polymer hydroxylated lipid compositions comprising intimate admixtures of thermoplastic polymers and hydroxylated lipids.

No. of Pages : 70 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND ARRANGEMENT IN A COMMUNICATION NETWORK

(51) International classification :G06F 17/30

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/SE2009/050821
Filing Date :26/06/2009

(87) International Publication No :WO 2010/151194

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

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

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE-164 83 STOCKHOLM (SE)
Sweden

(72)Name of Inventor :

1)KVERNVIK, TOR

2)SVENSSON, MARTIN

(57) Abstract :

A method and apparatus for providing labelling information to a third party (C) regarding terminal users (210) in a communication network. A labelling unit (200) receives (2:3) communication related data generated from executed communications of the terminal users, and fetches (2:4) stored labelling rules (202) which have been configured (2:1) specifically for the third party. The labelling unit then converts (2:5) the communication related data into labelling information, where a communication habits vector is determined by applying the fetched labelling rules on the received communication related data, and the labelling information is determined for the terminal user(s) based on the resulting communication habits vector. The determined labelling information is finally delivered (2:6) to the third party (C). (Fig. 2)



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5001/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : ELECTROCHEMICAL CELL COMPRISING A SEPARATOR COMPRISING A NANOWEB CONSISTING ESSENTIALLY OF NANOFIBERS OF FULLY AROMATIC POLYIMIDE

(51) International classification :H01M 2/16
(31) Priority Document No :61/286,628
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060072
Filing Date :13/12/2010
(87) International Publication No :WO 2011/081879
(61) Patent of Addition 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)ARORA, PANKAJ
2)BAZZANA, STEPHANE FRANCOIS
3)DENNES, T. JOSEPH
4)HOLOWKA, ERIC, P.
5)KRISHNAMURTHY, LAKSHMI
6)MAZUR, STEPHEN
7)SIMMONDS, GLEN, EDWARD

(57) Abstract :

This invention provides an electrochemical cell comprising a housing having disposed therewithin, an electrolyte, and a multi-layer article at least partially immersed in the electrolyte; the multi-layer article comprising a first metallic current collector, a first electrode material in electrically conductive contact with the first metallic current collector, a second electrode material in ionically conductive contact with the first electrode material, a porous separator disposed between and contacting the first electrode material and the second electrode material; and, a second metallic current collector in electrically conductive contact with the second electrode material, wherein the porous separator comprises a nanoweb consisting essentially of a plurality of nanofibers of a fully aromatic polyimide. Also provided is a process for preparing the multi-layer article. Further provided is an electrochemical cell wherein the separator is a polyimide nanoweb with enhanced properties.

No. of Pages : 60 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5002/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEFINING ADAPTIVE DETECTION THRESHOLDS

(51) International classification	:G01S 5/02	(71)Name of Applicant :
(31) Priority Document No	:61/286,049	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:14/12/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2010/055689	(72)Name of Inventor :
Filing Date	:09/12/2010	1)KANGAS, ARI
(87) International Publication No	:WO 2011/073859	2)SIOMINA, IANA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wireless device (24) receives a reference signal over a radio channel (21). The reference signal may be Positioning Reference Signals (PRS) and/or Common Referencing Signals (CR5), and may be transmitted from a transmitter (22). The wireless device (24) comprises a correlator (100); a reference signal detector (102); a threshold selector (106); and a reference signal analyzer (108). The correlator (100) use a signal received from the radio channel (21) and a replica of the reference signal to provide a correlator output value. The reference signal detector (102) compares the correlator output value with a threshold value to detect presence of a reference signal, and to estimate an arrival time of the reference signal. The threshold selector (106) adapts the threshold value to at least an estimate of a relative amount of noise and interference power in the received signal.

No. of Pages : 61 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5003/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERSYSTEM RADIO LINK REPORT FOR HANDOVER

(51) International classification :H04W 36/00

(31) Priority Document No :61/287,630

(32) Priority Date :17/12/2009

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

(86) International Application No :PCT/IB2010/055601

Filing Date :06/12/2010

(87) International Publication No :WO 2011/073847

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

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Sweden

(72)Name of Inventor :

1)OLSSON, MAGNUS

2)RUNE, GORAN

3)SYNNERGREN, PER

4)WESTERBERG, ERIK

(57) Abstract :

Relevant radio-link related information is transferred through a wireless terminal (30) from one type of network (network 22B) to another type of network (network 22A) and vice versa. The wireless terminal 30 acts as a mediator or relay for the link report message of one type network (network 22B) so that link indications thereof can be utilized in a handover determination by the other type network (network 22A).

No. of Pages : 59 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6314/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DISPLAY DEVICE, IN PARTICULAR FOR A MOTOR VEHICLE •

(51) International classification	:B60K37/00, B60Q1/00	(71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY
(31) Priority Document No	:10 2010 005 783.5	Address of Applicant :915 East 32nd Street Holland MI
(32) Priority Date	:27/01/2010	49423 U.S.A.
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/006694	1)BENOŽT BOX
Filing Date	:03/11/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a display device, in particular for a motor vehicle, including a projection module for generating an image to be projected in a direction normal to the viewing direction of a user of the display device along an optical path, wherein the display device includes a reflection element that can be moved between a first rest position and a second display position, the reflection element in the display position thereof being provided in the direction normal to the viewing direction of the user, and the reflection element being subjected to a rotation movement about a fixed rotation axis during the movement of the reflection element between the first rest position and the second display position thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3973/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : PHYSICAL FEEDBACK SYSTEM CONTROL METHOD AND DEVICE DISPLAY ASSEMBLY AND ELECTRONIC DEVICE

(51) International classification	:G06F3/01
(31) Priority Document No	:201310068307.0
(32) Priority Date	:04/03/2013
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2013/090932
Filing Date	:30/12/2013
(87) International Publication No	:WO 2014/134962
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Floor 13 Rainbow City Shopping Mall
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Beijing 100085 China

(72)Name of Inventor :

1)ZHANG Xu

(57) Abstract :

Disclosed are a physical feedback system a control method and device a display assembly and an electronic device which belong to the field of display screens. The system comprises: at least one physical feedback unit located below a flexible touchscreen; the physical feedback unit comprises an armature part and a coil part wherein at least one of the armature part and the coil part is in an active state and the initial relative distance between the armature part and the coil part is a predetermined value; when the coil part is energized the relative distance between the armature part and the coil part is changed under the action of electromagnetism and the changed relative distance is greater than or smaller than the predetermined value so that a bulge or a depression is formed in the corresponding location of the flexible touchscreen. This disclosure solves the problem that the response time is too long when using a charged liquid medium for implementation; and achieves the effects of being able to rapidly physically deform the flexible touchscreen by only energizing the coil part and of shortening the response time.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3974/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IRON ORE CONCENTRATION PROCESS WITH GRINDING CIRCUIT DRY DESLIMING AND DRY OR MIXED (DRY AND WET) CONCENTRATION

(51) International classification	:C22B1/00
(31) Priority Document No	:61/719143
(32) Priority Date	:26/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/BR2013/000411
Filing Date	:11/10/2013
(87) International Publication No	:WO 2014/063211
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DONDA Joaquim Donizetti

(57) Abstract :

The present invention discloses an advantageous and effective process for the concentration of iron ores which can be fully dry or mixed part of the process being dry part wet such enhancing the process efficiency as a whole by increasing recovery of concentrators and increasing the useful life of the mines.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3975/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MONOHYDRATE CRYSTAL OF FIMASARTAN POTASSIUM SALT METHOD FOR PREPARING SAME AND PHARMACOLOGICAL COMPOSITION COMPRISING SAME

(51) International classification :C07D403/10,A61K31/506,A61P9/12
(31) Priority Document No :1020120113848
(32) Priority Date :12/10/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009097
Filing Date :11/10/2013
(87) International Publication No :WO 2014/058268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KIM Je Hak
2)KIM Ji Han
3)LEE Joon Kwang
4)YOO Byoung Wug
5)HAN Nam Seok
6)NAM Kyung Wan
7)KIM Chang Mo
8)LEE Joo Han

(57) Abstract :

The present invention relates to a novel monohydrate crystal form of fimasartan potassium salt which is excellent in moisture and temperature stability and which has a crystal particle size easy to control and which has superior homogeneity. The present invention provides a novel fimasartan potassium salt monohydrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6325/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : CIRCUIT FOR BIOLOGICAL LIQUID

(51) International classification	:F17D1/14
(31) Priority Document No	:1050209
(32) Priority Date	:13/01/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2011/050089
Filing Date	:10/01/2011
(87) International Publication No	:WO 2011/086488
(61) Patent of Addition to 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%~~B~~BASTIEN CIROU
2)JEAN-LOUIS WEISSENBACH

(57) Abstract :

The invention concerns a circuit comprising a bag (111) comprising two flexible films (145, 146) and routing network connectors, and a press (110) comprising a first shell (114) and a second shell (113) clamping the bag to form pipes (104) between the films, the first shell comprising a pinch valve (120) which comprises an actuator (121) comprising a movable member (124) and in register with the moveable member an elastically compressible pad (131) which, when the valve is in an open position, has a resting configuration in which a second face (33) of the pad is concave and locally delimits a shaping channel (118), and, when the valve is in a closed position, has a pinching configuration in which the second face (133) is convex, with the pipe and the pad sandwiched between a shaping channel (116) and the moveable member.

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

(54) Title of the invention : MULTIPATH DELIVERY FOR ADAPTIVE STREAMING

(51) International classification :G06F15/16

(31) Priority Document No :10154153.0

(32) Priority Date :19/02/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/052286

Filing Date :16/02/2011

(87) International Publication No :WO 2011/101371

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GUILLAUME BICHOT**2)STEPHANE GOUACHE**

(57) Abstract :

The present invention relates generally to adaptive streaming and in particular to a method for delivering content via adaptive streaming technique over multiple communication paths and a device implementing the method. Thus, the present invention concerns a method for providing a content to be rendered at a client device CD comprising at least a first and a second communication interface CI1, CI2, wherein said first and second interface CI1, CI2 having a communication address, said content being accessible to the client device CD via at least a first and a second server interface SI1, SI2 having a communication address, a first path P1 being identified by the address of said first interface CI1 and the address of the first server interface SI1, a second path P2 being identified by the address of said second interface CI2 and the address of the second server interface SI2, said content being available under at least two versions having an encoding quality corresponding to a supported bit rate BRA, BRB constraint, each of said at least two versions being temporally split into chunks corresponding to an identical rendered duration of the content, a chunk being identified by a time index i and by one of the supported bit rate BRA, BRB. According to the invention the method comprises the steps of: - S1 measuring a first available bit rate BR1 on the first path P1 and a second available bit rate BR2 on the second path P2; S2 determining a requested bit rate RBR among the supported bit rate BRA, BRB from the measured first available bit rate BR1 and from the measured second available bit rate BR2; - S3 sending a first request via the first path P1 for receiving a first part of the chunk identified by the time index i and by the requested bit rate RBR and a second request via the second path P2 for receiving a second part of said chunk, said first and second part of the chunk being complementary; S4 receiving the requested first part via the first path P1 and the requested second part via the second path P2.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3890/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METERING VALVE FOR DISPENSING AN AEROSOL

(51) International classification :B65D83/54,B65D83/36
(31) Priority Document No :1259774
(32) Priority Date :12/10/2012
(33) Name of priority country :France
(86) International Application No :PCT/IB2013/059258
Filing Date :10/10/2013
(87) International Publication No :WO 2014/057446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Verpilliere France
(72)Name of Inventor :
1)REGARD Alain
2)GAUTHIER Grgoire
3)JOLY Olivier

(57) Abstract :

The invention relates to a metering valve (1) for dispensing an aerosol comprising a metering chamber (10) and a valve stem (13). The valve stem (13) is equipped with one end disposed on the side of a container and a dispensing end (12) mounted in the metering chamber (10) such that it can slide under the force of a spring (11) between a first high position known as the rest position and a second position known as the intermediate position for filling the metering chamber. The metering chamber comprises an upper cylindrical compartment (50) and a lower cylindrical compartment (51) the diameter of the upper compartment being greater than that of the lower compartment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3891/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR IMPROVING THE SAFT ANALYSIS WHEN MEASURING IRREGULARITIES

(51) International classification :G01N29/06,G01S15/89,G01N29/26
(31) Priority Document No :10 2013 201 975.0
(32) Priority Date :07/02/2013
(33) Name of priority country:Germany
(86) International Application No :PCT/EP2013/072181
Filing Date :23/10/2013
(87) International Publication No :WO 2014/121858
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Germany
(72)Name of Inventor :
1)MOOSHOFFER Hubert

(57) Abstract :

The invention relates to a method and to a corresponding device in which irregularities regarding each detected measurement position (M) within a measurement surface (11) are detected using a local measurement density. Each echo signal received in response to each detected measurement position (M) is then weighted in order to generate an image (5) using a data processing device (7) such that the irregularities are adjusted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3892/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PRODUCING ALDEHYDE COMPOUND

(51) International classification :C07C253/30,B01J25/00,B01J31/24
(31) Priority Document No :2012247510
(32) Priority Date :09/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/080317
Filing Date :08/11/2013
(87) International Publication No :WO 2014/073664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)TOKUNAGA Koichi
2)KAKINUMA Naoyuki
3)KUMA Shigetoshi

(57) Abstract :

This method for producing an aldehyde compound comprises a step for reacting a compound represented by general formula (a1) with hydrogen and carbon monoxide in the presence of a phosphorus compound and a metal compound that contains 0.01 10 ppm by mole of a group 8 10 metal per 1 mole of the compound represented by general formula (a1). In this step the amount of acrylonitrile contained in the compound represented by general formula (a1) is 200 moles or less per 1 mole of the group 8 10 metal.

No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3893/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HAIR TREATMENT PROCESS PROVIDING DISPERSED COLORS BY LIGHT DIFFRACTION

(51) International classification :A61Q5/06,A61K8/81,A61K8/85
(31) Priority Document No :61/806044
(32) Priority Date :28/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/032094
Filing Date :28/03/2014
(87) International Publication No:WO 2014/160904
(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)SUTTON Richard Matthew Charles
2)LAMARTINE Bruce Carvell
3)ORLER E. Bruce
4)SONG Shuangqi

(57) Abstract :

A hair treatment process for providing dispersed colors by light diffraction including (a) coating the hair with a material comprising a polymer (b) pressing the hair with a pressing device including one or more surfaces and (c) forming a secondary nanostructured surface pattern on the hair that is complementary to the primary nanostructured surface pattern on the one or more surfaces of the pressing device. The secondary nanostructured surface pattern diffracts light into dispersed colors that are visible on the hair. The section of the hair is pressed with the pressing device for from about 1 to 55 seconds. The polymer has a glass transition temperature from about 55 C to about 90 C. The one or more surfaces include a primary nanostructured surface pattern.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6346/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : BEVERAGE DISPENSER WITH HYGIENIC CLEANING CYCLE

(51) International classification :A47J31/60,A47J31/44
(31) Priority Document No :10152557.4
(32) Priority Date :03/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/051453
Filing Date :02/02/2011
(87) International Publication No :WO 2011/095509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)LARZUL David
2)PERETTI Lionel
3)RITHENER Blaise

(57) Abstract :

A flavoured beverage preparation machine (1) comprises: a fluid circuit having a duct (10) that has an outlet (15) for dispensing a flavoured beverage over a filling area (35) for user receptacles (40); and a cleaning arrangement for removing remnant flavoured beverage from the duct by passing a clearing fluid through the duct and out of the duct via the outlet The cleaning arrangement has: means (300 400 450) for providing a gas under pressure; and a configuration for passing such a gas as this clearing fluid under pressure through and out of the duct for evacuating remnant flavoured beverage from the duct.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4044/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : REMOTE MASTER RESET OF MACHINE

(51) International classification	:B23K9/10
(31) Priority Document No	:13/780512
(32) Priority Date	:28/02/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2014/016735
Filing Date	:17/02/2014
(87) International Publication No	:WO 2014/133815
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)CASNER Bruce A.

(57) Abstract :

A welding machine includes one or more processors configured to control the welding machine and remote reset circuitry communicatively coupled to the one or more processors. The remote reset circuitry is configured to receive a remote signal and to reset the one or more processors based at least in part on the remote signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4045/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FERMENTATIVE PRODUCTION OF A HYDROCARBON

(51) International classification :C12P5/00,C12N1/20,C12P5/02
(31) Priority Document No :12196056.1
(32) Priority Date :07/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/075393
Filing Date :03/12/2013
(87) International Publication No :WO 2014/086781
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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France
(72)Name of Inventor :
1)BOCKRATH Richard

(57) Abstract :

The present invention relates to a process for the fermentative production of a hydrocarbon wherein a microorganism producing the hydrocarbon is cultured in a liquid fermentation medium in a fermenter wherein an inlet gas comprising oxygen is fed into the fermenter and the total pressure of the inlet gas before introduction into the fermenter is about 1.5 bar to about 15 bar (about 150 kPa to about 1500 kPa) wherein the hydrocarbon is obtained in a gaseous state in the fermentation off gas and wherein the concentration of oxygen in the fermentation off gas is controlled to be below about 10 vol %. The process is particularly cost effective eliminates or reduces the risk of inflammation of the fermentation off gas and facilitates the isolation of the hydrocarbon from the fermentation off gas.

No. of Pages : 44 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6388/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : FAST LSP ALERT MECHANISM

(51) International classification	:H04L12/24,H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:12/710213	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:22/02/2010	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/050305	1)KINI Sriganesh
Filing Date	:24/01/2011	2)RAPOPORT Marc
(87) International Publication No	:WO 2011/101756	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method performed on a network element employing Multiprotocol Label Switching (MPLS) to promulgate an alert to each Label Switch Router (LSR) (101) along a Label Switch Path (LSP) by forwarding a labeled packet serving as an alert packet generated by an LSR (101) in the LSP the method including receiving the labeled packet by the network element (101) from another LSR in the LSP determining whether the labeled packet is the alert packet by checking a time to live value in an MPLS label header of the labeled packet determining whether the labeled packet is an operation administration and maintenance (OAM) packet based on a presence of a generic associated channel label copying the labeled packet including a label stack of the labeled packet and forwarding the labeled packet to a next LSR in the LSP whereby the latency in promulgating the alert to each of the LSRs (101) in the LSP is reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6389/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRY TRAP VALVE FOR USE IN A NON-FLUSHING URINAL AND OTHERS DRAINS

(51) International classification	:E03C1/28,F16K15/14	(71)Name of Applicant :
(31) Priority Document No	:61/336300	1)FALCON WATERFREE TECHNOLOGIES
(32) Priority Date	:20/01/2010	Address of Applicant :10900 West Olympic Boulevard Suite
(33) Name of priority country	:U.S.A.	1020E Los Angeles CA 90024 U.S.A.
(86) International Application No	:PCT/US2011/021945	(72)Name of Inventor :
Filing Date	:20/01/2011	1)HELBIG Thomas
(87) International Publication No	:WO 2011/091183	2)FITZKE Jorg
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dry trap valve, such as usable in a non-flushing urinal and other drains, is employed to transport a fluid, such as urine or other wastewater to a sewer line for receipt and disposal of the wastewater. The dry trap valve includes a holder (e.g. a band holder) having an entry (30) for receipt of the wastewater a drain (40) for disposal of the wastewater a passageway (e.g. dent depression or bypass) for conducting the wastewater from the entry to the drain and an element e.g. a sealing band) for sealingly covering the passageway. The sealing band includes a hinged portion adjacent the lower end of the dent and is disposed to articulate upon flow of the wastewater from the dent and to permit the wastewater to flow to the drain and to close in the absence of the wastewater flow. Gases from the sewer line also press upon the sealing band in the absence of wastewater flow to further seal the dent. Thus, the memory of the elastomeric material is not essential but, rather, the forces of gravity and the force of the sewer gases that keeps the passage closed to the sewer gases that would otherwise back up through the valve.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4031/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR REMOVING PARTICULATE MATTER FROM EXHAUST GASES OF INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/037,F01N3/021
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2013/055387
Filing Date :01/07/2013
(87) International Publication No :WO 2015/001380
(61) Patent of Addition 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)TIWANA Rajandiep Singh

(57) Abstract :

A device to trap and remove particulate matter from exhaust of internal combustion engines without increasing resistance to the flow of engine exhaust is disclosed herein. The system is provided with a single or a plurality of ducts (1 & 2) through which exhaust gases enter tangentially into a hollow chamber (3) causing the gases to spin at high speeds. The spinning gases generate centrifugal force resulting in separation of particulate matter from the exhaust gases. The hollow chamber (3) contains ports (4) and radial projections (5) on its axial surface to allow the separated particulate matter to enter into a trap (6). The particulate matter entering the trap (6) gets stuck to a fine mesh of high temperature resistant porous material that may or may not be electrically charged. The trap (6) is enclosed in a cover (7) that encases the fine mesh which surrounds the ports (4) and radial projections (5). The cover (7) has a single or plurality of ducts (8) connecting the trap (6) to the low pressure area of the rotating gases in the hollow chamber (3) through the port (9) provided at the proximal end of the hollow chamber (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4032/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR PERFORMING CODEBOOK PROCESSING ON CHANNEL INFORMATION

(51) International classification	:H04B7/06
(31) Priority Document No	:201210404158.6
(32) Priority Date	:22/10/2012
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2013/078751
Filing Date	:03/07/2013
(87) International Publication No	:WO 2013/167018
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)CHEN Shijun
2)LIU Ye
3)YAO Ke

(57) Abstract :

Disclosed are a method and device for performing codebook processing on channel information. The method comprises: analysing channel information obtained by an estimation channel to obtain a value space and a null space; using the value space or the null space the dimensionality of which is small as a codebook space; selecting codebook processing space vectors; and respectively performing multidimensional codebook processing on each codebook space vector and feeding back the information obtained by codebook processing to a base station. The present invention can increase the codebook processing accuracy and reduce the infidelity of channel information on the premise of flexible balancing between channel information feedback amount and codebook processing accuracy not needing to expand the codebook capacity and reducing the channel information data amount.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4033/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : GAS SPRING ACCUMULATOR

(51) International classification	:F16L55/053,F04B11/00
(31) Priority Document No	:12007170.9
(32) Priority Date	:16/10/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/GB2013/052679
Filing Date	:14/10/2013
(87) International Publication No	:WO 2014/060734
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Cornwall EX23 8QN U.K.
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1)SELWYN Frederick Philip

(57) Abstract :

A gas spring accumulator comprising: a housing (2 3) provided with an inlet (20); and a flexible diaphragm (4) dividing the interior of the housing into a working chamber (7) which is exposed to system pressure via the inlet and a gas chamber (6); characterised in that the housing includes a diaphragm element (4) having one side exposed to system pressure via the inlet (20) and an opposite side exposed to a further chamber (13) a first non return valve (17) arranged to admit atmospheric gas into the further chamber (13) and a second non return valve (29) arranged to admit gas from the further chamber (13) into the gas chamber (6).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6392/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROBIOTIC BIFIDOBACTERIAL COMPOSITION IN ACCORDANCE WITH SECRETOR BLOOD GROUP STATUS

(51) International classification	:A61K39/05
(31) Priority Document No	:20096402
(32) Priority Date	:28/12/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/051094
Filing Date	:28/12/2010
(87) International Publication No	:WO 2011/080396
(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)M.,KIVUOKKO Harri

(57) Abstract :

The present invention relates to a microbial or probiotic composition which is tailored based on the spectrum of bifidobacteria found in the intestine of at least one individual with secretor blood group phenotype but not commonly found in individuals of non secretor blood group phenotype. The present invention further relates to a method of tailoring a microbial or probiotic composition based on the bifidobacteria found in the intestine of at least one individual with secretor blood group phenotype but not commonly found in individuals non secretor blood group phenotype.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3842/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL ALICYCLIC DICARBOXYLIC ACID ESTER COMPOUND AND METHOD FOR PRODUCING SAME

(51) International classification :C07C69/757,C07C67/14,C07B61/00
(31) Priority Document No :2012227837
(32) Priority Date :15/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/077712
Filing Date :11/10/2013
(87) International Publication No :WO 2014/061571
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KITAMURA Mitsuharu

(57) Abstract :

This alicyclic dicarboxylic acid ester compound is represented by formula (1). (In the formula each R is independently an alkyl group having a carbon number of 1-4.)

No. of Pages : 45 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3843/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL ALICYCLIC TYPE DIOL COMPOUND AND METHOD FOR PRODUCING SAME

(51) International classification :C07C31/135,C07C29/149,C07B61/00
(31) Priority Document No :2012227838
(32) Priority Date :15/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/077710
Filing Date :11/10/2013
(87) International Publication No :WO 2014/061570
(61) Patent of Addition 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)KITAMURA Mitsuharu

(57) Abstract :

This alicyclic type diol compound is represented by a formula (1).

No. of Pages : 39 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3958/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : POSITION ADJUSTMENT DEVICE AND PAPER SHEET PROCESSING DEVICE

(51) International classification :G07D9/00
(31) Priority Document No :2012249636
(32) Priority Date :13/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/077264
Filing Date :07/10/2013
(87) International Publication No :WO 2014/077050
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1058460 Japan
(72)Name of Inventor :
1)KOMATSU Hirokazu

(57) Abstract :

This position adjustment device is provided with: an adjustment body provided with fitting part rows in which a plurality of fitting parts having prescribed shapes are disposed along a prescribed direction for each prescribed fitting cycle; a holding part which uses one from among a plurality of holding configurations to hold the adjustment body such that the fitting part rows are directed in a prescribed holding direction; and a body to be adjusted in which a part to be fitted which fits into the fitting parts is fitted into one of the fitting parts thereby determining the position of the holding part. The fitting part rows are disposed such that the minimum distance between a position of the body to be adjusted having been fitted into one of the fitting parts in the fitting part rows within a possible fitting range when the holding unit uses a first holding configuration to hold the adjustment body and a position of the body to be adjusted having been fitted into one of the fitting parts in the fitting part rows within a possible fitting range when the holding unit uses a second holding configuration to hold the adjustment body is shorter than the prescribed fitting cycle.

No. of Pages : 99 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3959/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINATION OF AT LEAST ONE PROPERTY OF A JOINT

(51) International classification	:B25J9/16
(31) Priority Document No	:12511960
(32) Priority Date	:23/10/2012
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2013/051224
Filing Date	:21/10/2013
(87) International Publication No	:WO 2014/065744
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NILSSON Klas

(57) Abstract :

The invention relates to a method for determining at least one property of a joint such as a joint (112 114 116 119 180) of a manipulator (110) wherein said joint is configured to be driven by at least one actuator the actuator being configured to drive said joint (112 114 116 119 180) via a drivetrain. The method comprises: clamping (200) said joint such that motion of the joint becomes constrained and actuating (210) said drivetrain while monitoring at least one quantity associated with a torque of said actuator and at least one quantity associated with the actuator position in order to determine (220) at least one output value of said actuator said output value corresponding to at least one joint position and determining (230) the at least one property of the joint based on said at least one output value. The invention further relates to a system for determining the at least one property of a joint.

No. of Pages : 47 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6402/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : HEAT TRANSFER INTERFACE

(51) International classification	:B01J13/16
(31) Priority Document No	:61/294392
(32) Priority Date	:12/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021007
Filing Date	:12/01/2011
(87) International Publication No	:WO 2011/088132
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYLVAN SOURCE INC.

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(72)Name of Inventor :

1)THIERS Eugene

(57) Abstract :

Embodiments of the invention provide systems and methods for heat management systems at temperatures in the range of 120 C to 1 300 C. The systems consist of various heat transfer chambers configured such that they contain heat transfer devices that are spherical cylindrical or have other shapes and that absorb heat within a broad range of temperatures and return such heat at constant temperature over long periods of time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4011/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS OF FABRICATING TEST SAMPLE CONTAINERS BY APPLYING BARRIER COATINGS AFTER SEALED CONTAINER STERILIZATION

(51) International classification :C12M1/24,C12M1/00,C12M1/34
(31) Priority Document No :61/720512
(32) Priority Date :31/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066051
Filing Date :22/10/2013
(87) International Publication No :WO 2014/070513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :100 Rodolphe Street Durham NC 27712 U.S.A.
(72)Name of Inventor :
1)WOLTERS Weihua Sonya
2)PHILIPAK Stanley Michael

(57) Abstract :

Methods of fabricating a culture container include molding a single monolithic layer of polymeric material into a container body having a container shape; introducing a colorimetric sensor material and growth media into the container body; introducing a gas mixture into the container body to define a headspace gas in an upper portion of the container body; attaching a stopper to the neck of the container body with the sensor material; sealing the container body with the stopper closed to define a sealed container with the growth media and the headspace gas enclosed therein; then sterilizing the sealed container; then applying a gas barrier coating to an exterior of the sterilized container body so that the sealed container has an oxygen transmission rate (cubic centimeter/container/day/atm) that is between about 0.001 to about 0.01 to thereby define a culture container that is ready to use and shelf stable without autoclaving.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4012/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ASEPTIC BLOW FILL AND SEAL METHODS OF FABRICATING TEST SAMPLE CONTAINERS AND ASSOCIATED SYSTEMS AND CONTAINERS

(51) International classification :B29C49/04,B29C49/46,B29C49/06
(31) Priority Document No :61/720531
(32) Priority Date :31/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/066060
Filing Date :22/10/2013
(87) International Publication No :WO 2014/070514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BIOMERIEUX INC.
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(72)Name of Inventor :
1)WOLTERS Weihua Sonya
2)RILEY Brian Christopher
3)PHILIPAK Stanley Michael

(57) Abstract :

Methods of fabricating a culture container include: (a) forming a parison; (b) introducing flowable (e.g. colorimetric) sensor material into the parison; (c) blow molding the parison into a container body; and (d) curing the sensor material so that it attaches to an inner surface of the container body. The methods can also include adding sterile growth media into the container and sealing the container shut with an elastomeric stopper and crimped seal/cap. The process can be aseptic so that autoclaving the container is not required.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5021/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : CAPSULE SYSTEM WITH FLOW ADJUSTMENT MEANS

(51) International classification :A47J 31/22

(31) Priority Document No :09178382.9

(32) Priority Date :08/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/068172

Filing Date :25/11/2010

(87) International Publication No :WO 2011/069829

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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VEVEY, SWITZERLAND Switzerland

(72)Name of Inventor :

1)PERENTES, ALEXANDRE

2)JARISCH, CHRISTIAN

3)YOAKIM, ALFRED

(57) Abstract :

The present invention relates to a capsule system for preparing beverages by centrifugation of a capsule (1) in a centrifuging brewing device comprising: -a centrifuging brewing device comprising control means (25) capable of operating the device in centrifugation by controlling the beverage flow rate and/or the volume of the beverage, and -a capsule to be inserted in the brewing device wherein the capsule is designed to form, alone or in cooperation with the centrifuging brewing device, a flow restriction or flow restriction valve which provides a backpressure for the centrifuged liquid, wherein the control means (25) of the device selectively adjusts the rotational centrifugation speeds of the inserted capsule (1) and/or the volume of injected liquid in the capsule as a function of the exerted backpressure by the restriction or restriction valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.838/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A POROUS COMPOSITE SCAFFOLD AS A DRUG CARRIER AND METHOD OF PREPARATION/MANUFACTURING THEREOF

(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

(71)Name of Applicant :

1)DATT MEDIPRODUCTS LIMITED

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(72)Name of Inventor :

1)DR. DATT, RAJAN

2)DR. KUMAR, RAMADHAR

3)SHRIVASTAVA, PALLAVI

(57) Abstract :

The invention provides a ready to use biodegradable and biocompatible device and a method for manufacturing thereof. The device of present invention is a novel porous scaffold which can be used as carrier of plurality of therapeutics to quickly stop bleeding and other biomaterial and biomedical application. The scaffold can be directly applied to the spot of the wound and will stop bleeding within 0.1 m eT. he scaffold of the present invention comprises of combined application of air dry and freeze dry method, The scaffold also comprises of excellent ventilations properties and easy removal of the scaffold without causing any extra hemorrhage to the wound.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4008/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FLUIDISED BED REACTOR SYSTEM

(51) International classification	:B01J8/34
(31) Priority Document No	:A1202/2012
(32) Priority Date	:12/11/2012
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2013/050216
Filing Date	:11/11/2013
(87) International Publication No	:WO 2014/071436
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Karlsplatz 13 A 1040 Wien Austria
(72)**Name of Inventor :**
1)SCHMID Johannes
2)PR-LL Tobias
3)HOFBAUER Hermann

(57) Abstract :

The invention relates to a fluidised bed reactor system comprising one or more fluidised bed reactors (1 2 20) for carrying out chemical or physical reactions at least one reactor thereof being in the form of a rapidly fluidised reactor to be operated as a circulating fluidised bed and comprising at the upper end a fluid outlet (5 6) a particle separator (3 4) and a particle line (7 8) connected thereto for the purpose of feeding back separated fluidised bed particles into the same or a further reactor. In at least one rapidly fluidised reactor one or more flow control devices (18 21) are provided so as to produce reaction zones (9 10 22) that are separate from one another said invention being characterised in that in order to control the flow conditions into said reaction zones (9 10 22) one or more of these flow control devices (18 21) is/are specifically adjustable from outside of the system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4010/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENERGY RECOVERY SYSTEM AND METHOD AND POLYMERIZATION PLANT WITH SUCH A RECOVERY SYSTEM

(51) International classification :F28D20/00,C08F2/00,F28D21/00

(31) Priority Document No :MI2012A001866

(32) Priority Date :31/10/2012

(33) Name of priority country :Italy

(86) International Application No :PCT/EP2013/072066

Filing Date :22/10/2013

(87) International Publication No :WO 2014/067815

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FIOROTTO Nicola

2)MARCHETTI Gianni

3)GHENO Matteo

(57) Abstract :

The present invention relates to a system for energy recovery and a polymerization plant having such a system comprising a. an exothermic device operating continuously (exothermic device interpreted as any apparatus able to produce heat and transfer it onto another body) b. a cooling device in fluid communication with said exothermic device c. an endothermic device operating discontinuously (endothermic device interpreted as any apparatus able to receive heat from another body i. e. to be heated); said system being characterized in that it comprises a device for the accumulation of the energy produced by the exothermic device in fluid communication with the discontinuous endothermic device the exothermic device operating continuously and the cooling device using a service fluid.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.845/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SLOW WAVE STRUCTURE OF A TRAVELING-WAVE TUBE

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)
(32) Priority Date	:NA	Address of Applicant :Ministry of Defence, Government of
(33) Name of priority country	:NA	India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New
(86) International Application No	:NA	Delhi-110 105, India Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MURUGAN SUMATHY
(61) Patent of Addition to Application Number	:NA	2)SUBARATA KUMAR DATTA
Filing Date	:NA	3)LATHA CHRISTIE
(62) Divisional to Application Number	:NA	4)LALIT KUMAR
Filing Date	:NA	

(57) Abstract :

Embodiment of the present disclosure provides a slow wave structure of a traveling wave tube. The structure comprises a bottom plate and a top plate placed apart at a predefined distance. The bottom plate and the top plate form a rectangular structure. The structure also comprises a plurality of dielectric substrates, wherein a pair of the plurality of dielectric substrate is mounted on the metal bottom plate and metal top plate towards each other. Further, the structure comprises a plurality of meander lines slow wave structures (ML-SWS), each of the ML-SWS is mounted on the dielectric substrate on the bottom plate and top plates in contra coupled direction. The ML-SWSTMs are placed on the contra coupled direction for passage of electron beam and achieving optimized bandwidths.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.862/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : IDLE STOP START SYSTEM FOR A VEHICLE

(51) International classification :F02D41/04

(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 :915/DEL/2013

Filed on :26/03/2013

(71)Name of Applicant :

1)HERO MOTOCORP LIMITED

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LOK VASANT VIHAR, NEW DELHI-110057 Delhi India

(72)Name of Inventor :

1)TARUN OJHA

2)REGIL SUDHAKAR P

(57) Abstract :

An idle stop start system for a vehicle is provided. The idle stop start system for the vehicle includes at least one detecting means adapted to detect at least one vehicle state parameter, an electronic control unit communicatively coupled to the at least one detecting means, the electronic control unit is configured to receive signal from one of the at least one detecting means, wherein the signal is indicative of the idle state of the vehicle, the electronic control unit is configured to disable at least one engine operating means after a preset time post the idle state of the vehicle is attained and enable the disabled engine operating means at the end of a predetermined time.

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3837/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ACYLAMINOCYCLOALKYL COMPOUNDS SUITABLE FOR TREATING DISORDERS THAT RESPOND TO MODULATION OF DOPAMINE D3 RECEPTOR

(51) International classification :C07D405/14,C07D403/04,C07D405/04
(31) Priority Document No :61/716824
(32) Priority Date :22/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/071947
Filing Date :21/10/2013
(87) International Publication No :WO 2014/064038
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HAUPT Andreas

(57) Abstract :

The present invention relates to novel acylaminocycloalkyl compounds in particular to the compounds of the formula (I) as described herein and to their salts and N oxides. The compounds possess valuable therapeutic properties and are suitable in particular for treating diseases that respond to modulation of the dopamine D3 receptor. In formula (I) the variables have the following meanings: m is 1 or 2 n is 1 or 2 A is selected from the group consisting of CH CHCH CHFCH and CFCH R is hydrogen or C C alkyl R is selected from the group consisting of hydrogen and fluorine R is selected from the group consisting of hydrogen and methyl R is selected from the group consisting of hydrogen and methyl R is branched C C alkyl or branched fluorinated C C alkyl and R is an oxygen containing radical such as C C alkoxy C C alkyl fluorinated C C alkoxy C C alkyl hydroxy C C alkyl fluorinated hydroxy C C alkyl oxetanyl fluorinated oxetanyl oxolanyl fluorinated oxolanyl C C cycloalkyl fluorinated C C cycloalkyl C C cycloalkoxy C C alkyl and fluorinated C C cycloalkoxy C C alkyl.

No. of Pages : 86 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3940/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE CONNECTION SYSTEM PORTABLE TERMINAL DEVICE CONNECTION METHOD AND DEVICE CONNECTION PROGRAM

(51) International classification :G06F13/00,G07G1/00
(31) Priority Document No :2013050579
(32) Priority Date :13/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/054424
Filing Date :25/02/2014
(87) International Publication No :WO 2014/141865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HASEGAWA Keiji

(57) Abstract :

The purpose of the present invention is to enable nearby devices to be automatically identified if a portable terminal moves and to automatically connect the identified devices and the portable terminal by a relatively stable high speed communication format such as wireless LAN. In the present invention in a system in which a first device and a second device are associated with each other and handled as a set and in which a plurality of such sets are disposed at locations distant from each other a portable terminal that is used in the system performs communication with one of the first devices in compliance with a first communication format that is a short distance wireless communication format and thereby identifies a set which includes a first device located closer to the portable terminal than other first devices and performs communication with a second device included in the identified set in compliance with a second communication format.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3941/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CAST HOUSING FOR LARGE ELECTRIC MOTOR WITH REINFORCEMENT COMPONENTS

(51) International classification :H02K5/06,H02K5/22,H02K5/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/084720
Filing Date :16/11/2012
(87) International Publication No:WO 2014/075281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GAO Haijun
2)WU Yuhong
3)YI Litao

(57) Abstract :

A cast housing (1) for a large electric motor with reinforcement components (4) comprises two supporting sections (2) each having a cavity (2 1) wherein a ventilation opening (2 2) is disposed and a connecting section (3) connecting between the two supporting sections (2). The two supporting sections (2) and the connecting section (3) have mounting through holes (2 3) which are connected to each other. The reinforcement components (4) with reinforcement structures are mounted in the ventilation openings (2 2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.864/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TWO DRUM FEEDER SYSTEM

(51) International classification	:F25J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ISGEC HEAVY ENGINEERING LIMITED
(32) Priority Date	:NA	Address of Applicant :A4, sector 24, Noida, Uttar Pradesh-
(33) Name of priority country	:NA	201301 (India); Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAYACHANDRAN, Raja
(87) International Publication No	: NA	2)ELANGO VAN, Srilinga Gnana Pragasam
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a two drum feeder system for extracting and feeding of bagasse and other cellulose fuels of similar character. Particularly, the two drums/twin drums are provided to extract the bagasse from the silo and successfully feeding such bagasse-type fuels for the generation of steam and for other purposes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6330/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : ARRANGEMENT AND METHOD FOR IMPROVING PERFORMANCE OF A MOTOR VEHICLE

(51) International classification	:F02N11/08
(31) Priority Document No	:1050042-9
(32) Priority Date	:18/01/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050046
Filing Date	:18/01/2011
(87) International Publication No	:WO 2011/087446
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :S-151 87 Sodertalje Sweden Sweden

(72)Name of Inventor :

1)LARS ERIKSSON

2)CHRISTIAN KNKEL

(57) Abstract :

The invention relates to a method for improving the performance of a motor vehicle (100; 110) which has an engine (230) and an exhaust system with a particle filter (261). The method comprises the step of determining (s440) whether a predetermined operating state of said vehicle (100; 110) is fulfilled which pertains to a situation in which there is increased risk of fuel accumulation in the exhaust system. The method also comprises the step of applying (s460), if said operating state is fulfilled, at least one measure to counter said fuel accumulation. The invention relates also to a computer programme product comprising programme code (P) for a computer (200; 210) for implementing a method according to the invention. The invention relates also to a device for improving the performance of a motor vehicle (100; 110) which has an engine (230) and an exhaust system with a particle filter (261) and to a motor vehicle which is equipped with the device.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6331/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTI-PURPOSE WHEELED CONVEYANCE

(51) International classification	:B62H1/00
(31) Priority Document No	:1002427.1
(32) Priority Date	:15/02/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/050215
Filing Date	:09/02/2011
(87) International Publication No	:WO 2011/098791
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RUSSELL ANTHONY CLIFTON

(57) Abstract :

A conveyance is described which is intended for transporting people, primarily babies and children, though can be adapted for transporting adults, including disabled and injured people and scaled down for use as a child's toy. Its construction places it primarily within the field of wheeled conveyances with capabilities allowing it to be multi-purpose. The invention seeks to combine the functions of the people transportation conveyance and a rucksack, which can be detachably built into the rear of the seating area to carry the weight of the conveyance and child. With the conveyance folded it is put onto the back of a person and carried with the rucksack available to carry other items. With the extrusions extended the conveyance can act as a shopping trolley style conveyance as a carrying aid. With the front wheels raised and the seat unfolded the conveyance can be carried on the back and used as a baby carrier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.871/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MICROCONTROLLER BASED SUBSTATION ISOLATOR

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. BASHARAT AHMAD
(32) Priority Date	:NA	Address of Applicant :ASSISTANT PROFESSOR,
(33) Name of priority country	:NA	DEPARTMENT OF ELECTRICAL ENGINEERING SCHOOL
(86) International Application No	:NA	OF ENGG. & TECH. IFTM UNIVERSITY, MORADABAD UP.-
Filing Date	:NA	244102 Uttar Pradesh India
(87) International Publication No	: NA	2)MR VAHADOOD HASAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. BASHARAT AHMAD
(62) Divisional to Application Number	:NA	2)MR VAHADOOD HASAN
Filing Date	:NA	

(57) Abstract :

This patent is for a Microcontroller Based Substation Isolator which will isolate the transmission lines from the substation on reception of the signal from a remote location. The signal can be a SMS or a missed-call from a cell phone. The Signal can be conveyed by any receiver and transmitter pair. By using this system, the control is given to the transmission line maintenance team who can turn ON as well as turn OFF the transmission line power by sending SMS or by giving a missed-call to a system. By giving the control of switching of transmission line to the maintenance personnel, the accidents on transmission lines can be highly prevented. After the reception of the signal the microcontroller sends a command to circuit breakers for isolation process of the transmission lines. After completion of an isolation process the microcontroller sends a signal to the grounding apparatus to discharge the line capacitance charges. The grounding apparatus are switched one by one to prevent the short circuiting of the transmission lines. The line charges are removed by process of grounding to ensure the safety of the personnel working on the transmission lines. The system integrates a DC power source, microcontroller, software inside microcontroller, amplifier circuit, driving circuit, transmission line isolation apparatus and a transmission line grounding apparatus. The system can be used in industrial substations, commercial distribution substations. High Voltage Substations etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6383/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR PRODUCING ARYL AND HETEROARYLACETIC ACID DERIVATIVES

(51) International classification :C07C233/11
(31) Priority Document No :61/296,081
(32) Priority Date :19/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/050456
Filing Date :14/01/2011
(87) International Publication No :WO 2011/089072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Monheim Germany
(72)Name of Inventor :
1)THOMAS HIMMLER
2)LUKAS J GOOEN
3)BETTINA ZIMMERMANN

(57) Abstract :

The invention relates to a novel method for producing α -arylmethyl-carbonyl compounds of formula (III), characterized in that aryl and heteroarylacetic acids and derivatives thereof of formula (I) having α -halogenmethyl-carbonyl compounds of formula (II) are converted in the presence of a palladium catalyst, a phosphine ligand, an inorganic base and a phase transfer catalyst, optionally using an organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6384/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : REACTOR FOR QUANTITATIVE ANALYSIS OF NUCLEIC ACIDS

(51) International classification	:C12Q1/68, B01L3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:NA	Address of Applicant :Law Department AB2 P.O. Box 2245
(33) Name of priority country	:NA	Morristown NJ 07962-9806 U.S.A.
(86) International Application No	:PCT/CN2010/000083	(72)Name of Inventor :
Filing Date	:20/01/2010	1)ZHENHONG SUN
(87) International Publication No	:WO 2011/088588	2)TAO PAN
(61) Patent of Addition to Application Number	:NA	3)XUANBIN LIU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reactor for the quantitative analysis of target nucleic acids using an evanescent wave detection technique and a method for the quantitative analysis of target nucleic acids are provided. The reactor includes a substrate with a cavity, a buffer layer arranged over the substrate, a quartz cover plate arranged over the buffer layer, and inlet and outlet ports. The reactor is thermally and chemically stable for PCR processing and suitable for an evanescent wave detection technique.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6385/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PRODUCTION OF HALOBUTYL IONOMERS

(51) International classification :C08F8/32
(31) Priority Document No :10000525.5
(32) Priority Date :20/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/050505
Filing Date :17/01/2011
(87) International Publication No :WO 2011/08908
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Granges-Paccot Switzerland Switzerland
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1)DANA ADKINSON
2)ADAM GRONOWSKI
3)CARSTEN KREUDER
4)JOHN LOVEGROVE
5)PHIL MAGILL
6)HANNS-INGOLF PAUL
7)ROLF FELLER

(57) Abstract :

The invention relates to an energy efficient, environmentally favourable process for the preparation of butyl ionomers that uses a common medium for both solution polymerization and subsequent bromination of butyl rubber. More particularly, the invention relates to a process that employs a common aliphatic medium for both solution polymerization and bromination of butyl rubber in the presence of a brominating agent and optionally for subsequent reaction with at least one nitrogen and/or phosphorus based nucleophile.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6386/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMMON SOLVENT PROCESS FOR PRODUCING HIGH MOLECULAR WEIGHT BROMINATED RUBBER

(51) International classification	:C08F2/06
(31) Priority Document No	:10000515.6
(32) Priority Date	:20/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/050529
Filing Date	:17/01/2011
(87) International Publication No	:WO 2011/089091
(61) Patent of Addition 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)ADAM GRONOWSKI

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3)JOHN LOVEGROVE

4)PAUL NGUYEN

5)DAVID THOMPSON

6)HANNES-INGOLF PAUL

7)ROLF FELLER

8)UDO WIESNER

(57) Abstract :

The invention relates to an energy efficient, environmentally favourable process for the preparation of brominated rubbers, in particular bromobutyl rubber, that uses a common medium for both solution polymerization and subsequent bromination of the rubber and which further exhibits an enhanced bromine usage due to the use of an oxidizing agent. More particularly, the invention relates to a process that employs a common aliphatic medium for both solution polymerization and bromination of rubber in the presence of a brominating agent and an oxidizing agent with intermediate removal of un-reacted monomers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6387/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMMON SOLVENT PROCESS FOR PRODUCING HIGH MOLECULAR WEIGHT HALOGENATED RUBBER

(51) International classification	:C08F2/06
(31) Priority Document No	:10000524.8
(32) Priority Date	:20/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/050530
Filing Date	:17/01/2011
(87) International Publication No	:WO 2011/089092
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CARSTEN KREUDER

2)ADAM GRONOWSKI

3)JOHN LOVEGROVE

4)HANNES-INGOLF PAUL

5)ROLF FELLER

6)UDO WIESNER

(57) Abstract :

The invention relates to an energy efficient, environmentally favourable process for the preparation of halogenated rubbers, in particular chloro- and bromobutyl rubber, that uses a common aliphatic medium of specific composition for both solution polymerization and subsequent halogenation of the rubber. More particularly, the invention relates to a process that employs a common aliphatic medium for both solution polymerization and halogenation of rubber with intermediate removal of un-reacted monomers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.878/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : GRAPHITE ELECTRODES AND/OR NIPPLES AND THE PROCES FOR PREPARATION THEREOF

(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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1)KUMAR, Mukul

2)HARKARE, Ajay

3)SHARMA, Ruchi

4)SHAH, Raviraj

5)KUMAR, Amar Nath

(57) Abstract :

The present disclosure relates to graphite electrodes and/or nipples comprising 0.01 wt% - 1 wt% of carbon nanotubes. The present disclosure relates to graphite electrodes and/or nipples comprising: 96 wt% - 99.9 wt% of graphite; 0.01 wt% - 1 wt% of carbon nanotubes; and balance being conventional impurities. The present disclosure also provides a process for preparation of graphite electrodes and/or nipples comprising adding 0.01 wt% to 1 wt% of carbon nanotubes. The present disclosure also provides graphite electrodes and/or nipples prepared by a process comprising adding 0.01wt% - 1 wt% of carbon nanotubes. The graphite electrodes and/or nipples of the present disclosure has low porosity, high flexural strength, low coefficient of thermal expansion and low electrical resistivity.

No. of Pages : 17 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5014/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : INHIBITORS OF VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) RECEPTORS AND METHODS OF USE THEREOF

(51) International classification :A61K 39/00

(31) Priority Document No :61/290,789

(32) Priority Date :29/12/2009

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

(86) International Application No :PCT/US2010/061296

Filing Date :20/12/2010

(87) International Publication No :WO 2011/090648

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SCHLESSINGER JOSEPH

2)YANG YAN

(57) Abstract :

The present invention provides moieties that bind to the most membrane- proximal Ig-like domain of the ectodomain (D7) of vascular endothelial growth factor (VEGF) receptors, wherein the moieties antagonize the activity of the VEGF receptor.

No. of Pages : 323 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5017/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : INHIBITORS OF RECEPTOR TYROSINE KINASES (RTK) AND METHODS OF USE THEREOF

(51) International classification :A61K 38/00

(31) Priority Document No :61/335,950

(32) Priority Date :14/01/2010

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

(86) International Application No :PCT/US2011/021109

Filing Date :13/01/2011

(87) International Publication No :WO 2011/088196

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BAE JAE HYUN

2)LAX IRIT

3)SCHLESSINGER JOSEPH

(57) Abstract :

The present Invention provides moieties that bind to the asymmetric contact Interlace of a receptor tyrosine kinase (RTK), wherein the moieties Inhibit igand Induced trans autophosphorylation of the RTIC The present invention also provides methods of treating or preventing an RTK-associatsd disease and methods for identifying moieties that bind to an asymmetric contact Interface of an RTK.

No. of Pages : 152 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5018/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : CUBIC BORON NITRIDE SINTERED BODY TOOL

(51) International classification	:B23B 27/14
(31) Priority Document No	:2010-234589
(32) Priority Date	:19/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/073179
Filing Date	:07/10/2011
(87) International Publication No	:WO 2012/053375
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUMITOMO ELECTRIC HARDMETAL CORP.
Address of Applicant :1-1, KOYAKITA 1-CHOME, ITAMI-SHI, HYOGO 664-0016, JAPAN Japan
(72)**Name of Inventor :**
1)OKAMURA KATSUMI
2)ABE MACHIKO
3)KUKINO SATORU

(57) Abstract :

By high compatibility between heat resistance and chipping resistance of a cubic boron nitride sintered body, a long service life of a cubic boron nitride sintered body tool is achieved. The cubic boron nitride sintered body tool of the present invention has a cubic boron nitride sintered body including cubic boron nitride particles and a binder phase at at least a cutting edge. The cubic boron nitride sintered body includes 40-70 volume % of cubic boron nitride particles. The binder phase includes a first component and a second component. The first component includes TiC, and the second component includes one or both of TiB₂ and AlB₂. When the X-ray diffraction intensity of plane (200) of the first component is I₁ and the X-ray diffraction intensity of plane (101) of said second component is I₂, I₁ is the maximum of the X-ray diffraction intensity of all components in the cubic boron nitride sintered body excluding the cubic boron nitride particles, and satisfies $0.01 \leq I_2/I_1 \leq 0.1$.

No. of Pages : 23 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONTINUOUS ONLINE ROUND GRAIN SEPARATOR

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SOURAV KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Continuous online round grain separator is a machine / device for separating round grains from broken wheat comprises of a mild steel L shaped frame (1) which houses two mild steel rollers (2) at its both ends over which runs a synthetic PUNPCT belt (3) having indented surface to hold on broken wheat grains on its surface carry it u against gravity and discharge them at distant out let at a height (4) but allow round grains to roll down under the gravity to the outlet down opposite to the movement of the belt (5). The synthetic belt (3) is driven by a variable speed DC motor (6) with the help of A type V Belt (7) and pulley (8) attached to motor and another pulley (9) attached to the bottom roller (2) driving the belt. Both the rollers (2) are mounted at two ends of the frame supported by four frictionless self-aligning bearings (10). In order to spread and stratify mixture of grains vibration at a particular angle to the belt is transferred through an eccentric loaded pulley (11) also driven by the same motor by two round rubber belts (12). The entire frame is placed and supported on four springs (13) to absorb the vibration created by vibrator (11). The conveyor belt (3) is kept fairly tightened by adjustable bolts (14), provisions to keep the V Belt under tension is by adjusting the base frame of the motor (15) and belt for the eccentric loaded weight also can be kept under tension by the bolt (16), The mixture of round grains and broken wheat is fed at a specific point on top of the synthetic belt by specially designed single line feeding hopper (17). Two rubber guide plates (18) on either side of the belt prevent the jumping off of grains from the belt while machine is in operation

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5010/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR PRODUCING A DRIED CARBOXYLIC ACID CAKE

(51) International classification :C07C 51/48
(31) Priority Document No :10/758,676
(32) Priority Date :15/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/000696
Filing Date :14/06/2006
(87) International Publication No :WO 2005/070862
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3422/DELNP/2006
Filed on :14/06/2006

(71)Name of Applicant :
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(72)Name of Inventor :
1)KENNY RANDOLPH PARKER
2)ROBERT LIN
3)PHILIP EDWARD GIBSON

(57) Abstract :

A process for producing a dried carboxylic acid cake, said process comprising: (a) oxidizing in an oxidation zone an aromatic feedstock to produce a carboxylic acid slurry; (b) removing in a solvent liquor exchange zone impurities from a said carboxylic acid slurry to form a carboxylic acid cake with solvent, a mother liquor stream, and a solvent mother liquor stream; wherein said solvent comprises acetic acid; (c) adding water in a counter current water wash zone to said carboxylic cake with solvent to produce a water-wet carboxylic acid cake and a byproduct liquor stream; and (d) drying said water-wet carboxylic acid cake in a drying zone to form said dried carboxylic acid cake; wherein said water-wet cake maintains the form of a cake between step (c) and (d).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5012/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : TOBACCO SMOKE FILTER

(51) International classification	:A24D 3/02
(31) Priority Document No	:61/260,509
(32) Priority Date	:12/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/002084
Filing Date	:11/11/2010
(87) International Publication No	:WO 2011/058319
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TREADAWAY ANN R.
2)REED JAMES D.
3)LONGLEY-MARTINES STEPHEN

(57) Abstract :

There is provided a tobacco smoke filter or filter element comprising: a rod of a tobacco smoke filtering material; a continuous extruded element extending longitudinally of the rod; and a flavouring agent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6321/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : ULTRASONIC FLOW METER AND TRANSDUCER ASSEMBLY WITH ISOLATED TRANSFORMER CAPSULE

(51) International classification	:G01F1/66, G01F1/20	(71)Name of Applicant :
(31) Priority Document No	:12/683,036	1)DANIEL MEASUREMENT AND CONTROL INC.
(32) Priority Date	:06/01/2010	Address of Applicant :11100 Brittmoore Park Drive Houston
(33) Name of priority country	:U.S.A.	Texas 77041 USA U.S.A.
(86) International Application No	:PCT/US2011/020106	(72)Name of Inventor :
Filing Date	:04/01/2011	1)CHARLES ROBERT ALLEN
(87) International Publication No	:WO 2011/084947	2)HENRY CHARLES STRAUB JR.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an embodiment, an ultrasonic flow meter comprises a spool piece including a throughbore and a transducer port extending from the outer surface of the spool piece to the throughbore. In addition, the ultrasonic flow meter comprises a transducer assembly disposed in the transducer port. The transducer assembly has a central axis and comprises a transducer holder having a first end proximal the throughbore of the spool piece, and a second end distal the throughbore of the spool piece. Further, the transducer assembly comprises a piezoelectric capsule including a piezoelectric element. The piezoelectric capsule is coupled to the transducer holder and extends generally axially from the first end of the transducer holder. Still further, the transducer assembly comprises a transformer capsule including a transformer. The transformer capsule is coupled to the transducer holder and is axially spaced apart from the piezoelectric capsule.

No. of Pages : 62 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6323/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : THIAZOLO[5 4-D] PYRIMIDINES AND THEIR USE AS AGROCHEMICALS

(51) International classification :A01N1/00
(31) Priority Document No :61/293,014
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020351
Filing Date :06/01/2011
(87) International Publication No :WO 2011/085084
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILLIAM BREWSTER
2)CARLA KLITTICH
3)BRENT RIEDER
4)THOMAS SIDDALL
5)CHENGLIN YAO

(57) Abstract :

The present disclosure relates to thiazolo[5,4-d]pyrimidines and their use as agrochemicals and animal health products.

No. of Pages : 105 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.924/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR SYNCHRONIZING FORWARDING DATABASES ACROSS MULTIPLE INTERCONNECTED LAYER-2 SWITCHES

(51) International classification	:F25J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CIENA CORPORATION
(32) Priority Date	:NA	Address of Applicant :7035 Ridge Road Hanover, MD 21076,
(33) Name of priority country	:NA	USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GAUTAM, Vineet
(87) International Publication No	: NA	2)VASHISHT, Prashant
(61) Patent of Addition to Application Number	:NA	3)KUMAR, Anup
Filing Date	:NA	4)CHHABRA, Mukesh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a multi-switch architecture include learning a media access control (MAC) address at a first switch in a multi-switch architecture; storing the MAC address in a forwarding database of the first switch; transmitting a data frame to one or more switches in the multi-switch architecture via inter-switch connectivity between the first switch and the one or more switches, wherein the data frame is created to enable the one or more switches to learn the MAC address therefrom; learning the MAC address from the data frame at the one or more switches; and storing the MAC address in a forwarding database for each of the one or more switches. This further includes transmitting the data frame via ports and queues in the inter-switch connectivity that are separate from ports and queues in a data path between the first switch and the one or more switches to avoid data path interference.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4997/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : BURNER UNIT FOR STEEL MAKING FACILITIES

(51) International classification :F23D 14/22

(31) Priority Document No :09178385.2

(32) Priority Date :08/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069177
Filing Date :08/12/2010

(87) International Publication No :WO 2011/070070

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)PAUL WURTH S.A.

(72)Name of Inventor :

1)MUNZER, JOHANNES

2)ESCHMANN, FRIEDRICH

3)ALLMANSDORFER, RALF

(57) Abstract :

The present invention proposes a burner unit (10) for steel making facilities, in particular for use in connection with a regenerative or recuperative heat generator, wherein the burner unit (10) comprises a mixing zone (18); a plurality of fuel feed channels (32) for feeding combustible fuel to the mixing zone (18); and a plurality of air feed channels (34) for feeding combustion air to the mixing zone (18). According to an important aspect of the invention, the burner unit (10) comprises, a primary burner (42) with an annular feed arrangement (30) comprising circumferentially alternating fuel feed channels (32) and air feed channels (34); a central channel (44) through the annular feed arrangement (30) and a secondary burner (46) arranged in the central channel (44) of the burner unit (10), the central channel (44) being coaxial with the annular feed arrangement (30).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4999/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : PIPELINE WELD REPAIRING METHOD AND APPARATUS

(51) International classification :B23K 37/02

(31) Priority Document No :0922096.3

(32) Priority Date :17/12/2009

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

(86) International Application No :PCT/GB2010/052101

Filing Date :16/12/2010

(87) International Publication No :WO 2011/073660

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)BOWERS, JONATHAN

(57) Abstract :

A method for repairing a defective circumferential weld joint (10) between two pipe sections (12) in a pipeline is described. A weld excavation machine (20) is used to remove a weld defect. The machine (20) comprises a weld excavating tool (26) and a tool guiding apparatus (20b). The machine (20) may be modular in form allowing the machine to be dissembled into discrete portable parts (20a, 20b). The method includes arranging the tool guiding apparatus (20b) in fixed relation to the pipeline (12), guiding the weld excavating tool (26) around the pipe and along the weld joint by means of the tool guiding apparatus (20b) and using the weld excavating tool (26) to remove material from the defective weld region. An excavation may thus be formed having parallel vertical walls. The excavation is then filled with weld material by means of a welding apparatus. Fig. 3b

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6316/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : THREE-LAYER WRAPPING AND A PROCESS FOR MANUFACTURING A PACKAGING USING THE SAME •

(51) International classification	:B32B37/10, B65B11/00
(31) Priority Document No	:61/290,587
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003459
Filing Date	:29/12/2010
(87) International Publication No	:WO 2011/080587
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTERNATIONAL PAPER DO BRASIL LTDA.

Address of Applicant :Av. Paulista 37-14 Andar. Paraiso
CEP-01311-902 Sao Paulo Brazil

(72)Name of Inventor :

1)HAIDAR CANFORA ZEIN

2)SUZANA YURI KANECO

3)FRANCISCO JOSE CARLINI KOHN

(57) Abstract :

One embodiment provides a wrapping, comprising a first layer of synthetic polymeric material; a second layer of synthetic polymeric material; and a layer of natural material sandwiched between at least a portion of the first and second layers; wherein the first and second layers are wider than the layer of natural material and extend beyond opposing ends of the layer of natural material to form tabs, the tabs comprising said first and second layers sandwiched together without the layer of natural material therebetween. Methods of making and using are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : START MOTOR BY MOBILE PHONE

(51) International classification	:H04W12/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHISH RAM
(32) Priority Date	:NA	Address of Applicant :VPO- DUDHWA, TEH- KHETRI,
(33) Name of priority country	:NA	DISTT- JHUNJHUNU 332746, RAJASTHAN Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHISH RAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		
NA		

No. of Pages : 5 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3964/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED ACYLTRANSFERASE POLYNUCLEOTIDES POLYPEPTIDES AND METHODS OF USE

(51) International classification :C12N15/29,C12P7/64
(31) Priority Document No :61/720119
(32) Priority Date :30/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/059526
Filing Date :22/10/2013
(87) International Publication No :WO 2014/068439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AGRESEARCH LIMITED

Address of Applicant :5th Floor Tower Block Ruakura
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(72)Name of Inventor :

1)ROBERTS Nicholas John

2)CURRAN Amy Christina

3)WINICHAYAKUL Somrutai

4)ROLDAN Marissa

5)SCOTT Richard William

6)TAYLOR David Charles

7)MARILLIA Elizabeth France

(57) Abstract :

The invention provides chimeric DGAT1 proteins comprising: a) at their N terminal ends an N terminal portion of a first DGAT1 protein and b) at their C terminal ends a C terminal portion of a second DGAT1 protein. The chimeric DGAT proteins show enhanced activity relative to at least one of the first DGAT1 protein and the second DGAT1 protein. The chimeric DGAT proteins of the invention can be expressed in cells to increase cellular lipid accumulation and/or modify the cellular lipid profile. The invention also provides polynucleotides encoding the chimeric DGAT1 proteins cells and compositions comprising the polynucleotides or chimeric DGAT1 proteins and methods using the chimeric DGAT1 proteins to produce oil.

No. of Pages : 331 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5029/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : COATING COMPOSITION FOR ENGINE PARTS AND ENGINE PART COMPRISING IT

(51) International classification :C09D 201/02
(31) Priority Document No :2009-280910
(32) Priority Date :10/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072147
Filing Date :09/12/2010
(87) International Publication No :WO 2011/071117
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KABUSHIKI KAISHA RIKEN
Address of Applicant :13-5, KUDANKITA 1-CHOME,
CHIYODA-KU, TOKYO 1028202, JAPAN Japan
(72)Name of Inventor :
1)YUNZHI GAO
2)JUNICHI TAKAHASHI
3)AYAKO FUJIE
4)RYO HIRABAYASHI

(57) Abstract :

An engine part coated with an engine-parts-coating composition comprising (i) at least one of a polyfluoroalkyl group and a polyfluoropolyether group, (ii) an organopolysiloxane group, and (iii) an alkoxysilyl group.

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF OLMESARTAN MEDOXOMIL

(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

(71)Name of Applicant :

1)JUBILANT LIFE SCIENCES LIMITED

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(72)Name of Inventor :

1)HOLKAR, ANIL GANPATRAO

2)MUKHOPADHYAY, MANOJ

3)POOJARY, SANTHOSHA S

4)LAKSHMINARAYANA, VATTIKUTI

5)S B, SHIVAKUMAR

6)VIR, DHARAM

7)NA

(57) Abstract :

The present invention provides an improved process for the preparation of olmesartan medoxomil with high yield, high degree of purity with fewer impurities. Specifically, the invention provides a method for the preparation of an intermediate of olmesartan i.e. 4-(lhydroxy- 1 -methylethyl)-2-propyl-1 -[4-(2-trityltetrazol-5-yl)phenyl]-phenyl methyl imadazole-5- carboxylic acid sodium salt. The said intermediate is further used for the preparation of olmesartan medoxomil.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3828/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : WATER IN OIL EMULSION COMPOSITION

(51) International classification :A61K8/31,A61K8/06,A61K8/37
(31) Priority Document No :2012239040
(32) Priority Date :30/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079138
Filing Date :28/10/2013
(87) International Publication No:WO 2014/069403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SHISEIDO COMPANY LTD.
Address of Applicant :5 5 Ginza 7 chome Chuo ku Tokyo
1040061 Japan
(72)Name of Inventor :
1)IKEDA Tomoko

(57) Abstract :

Provided is a water in oil emulsion composition which is highly stable feels fresh and has a glossy finish. The water in oil emulsion composition according to the present invention is characterised by comprising: 1 20 mass% of a polyhydric alcohol fatty acid ester and/or a hydrocarbon (a); 3 20 mass% of a transparent non volatile silicone oil (b) which separates when mixed with component (a) at 25°C; 0.1 5 mass% of decyl trisiloxane carboxylic acid zinc (c); and water (d).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3928/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL PROCESS FOR MAKING COMPOUNDS FOR USE IN THE TREATMENT OF CANCER

(51) International classification :C07D401/04,C07D498/04
(31) Priority Document No :61/713104
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064866
Filing Date :14/10/2013
(87) International Publication No :WO 2014/059422
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EXELIXIS INC.
Address of Applicant :210 East Grand Ave. South San
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(72)**Name of Inventor :**
1)NAGANATHAN Sriram
2)GUZ Nathan
3)PFEIFFER Matthew
4)SOWELL C. Gregory
5)BOSTICK Tracy
6)YANG Jason
7)SRIVASTAVA Amit

(57) Abstract :

Disclosed herein is a process of making a compound of formula I The compound of formula I is an inhibitor of MEK and thus can be used to treat cancer.

No. of Pages : 75 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3929/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : EFFERVESCENT TABLET

(51) International classification :A61K8/24,A61Q11/00,A61K8/02

(31) Priority Document No :20121358

(32) Priority Date :16/11/2012

(33) Name of priority country :Norway

(86) International Application No :PCT/EP2013/073857

Filing Date :14/11/2013

(87) International Publication No :WO 2014/076194

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ARCORAL PHARMA AS

Address of Applicant :Storgt. 75 N 3301 Hokksund Norway

(72)Name of Inventor :

1)BOSCHETTI Silvia

2)ROSSI Massimiliano

(57) Abstract :

The present invention relates to an effervescent tablet which upon dissolution in water provides a solution useful as a mouth wash or oral rinse for the prevention or treatment of inflammatory processes of the soft tissues of the mouth throat and oral cavity.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3930/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN APPARATUS AND METHOD FOR CARRYING AND RETRIEVAL OF A GRENADE

(51) International classification :F42B39/02,F41C33/02,A45F5/02
(31) Priority Document No :13/648286
(32) Priority Date :10/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050808
Filing Date :01/10/2013
(87) International Publication No :WO 2014/057488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)A.C.S (ADVANCED COMBAT SOLUTIONS) LTD.
Address of Applicant :4 Hahagana Street 60212 Or Yehuda
Israel
(72)Name of Inventor :
1)MOLCHO Haim
2)SHAUL Nir

(57) Abstract :

The subject matter discloses an apparatus (600) having an envelope (610) and a base (608) for holding a grenade (602) a rear cover (665) connected to the envelope (610) for attaching said envelope (610) to a vest; a top cover (630) to secure the grenade (602) from above when positioned in a downward position and moving upwards to an upward position; a spring (640) connected to the top cover (630) and to the envelope (610) and a button (621 622) that causes the top cover (630) to move to the upward position when pressed by the user. The button (621 622) is located below the top cover (630) and connected only to one of the envelope (610) or the rear cover (665). The user of the apparatus (600) can release the grenade (602) from the apparatus while pressing the button (621 622) and the envelope (610) is designed to enable the user to hold the grenade (602) and the grenade lever (605) singlehandedly when pressing the button (621 622) and when releasing the grenade (602) from the apparatus (600).

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.843/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : JOLT-FREE ELEVATOR POWER TRANSITION.

(51) International classification	:B66B1/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:NA	Address of Applicant :10 FARM SPRINGS ROAD
(33) Name of priority country	:NA	FARMINGTON, CT 06032 US U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAKASH, OM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments are directed to a converter configured to supply power to a motor of an 5 elevator, a first power source coupled to the converter and configured to provide input power to the converter, and a second power source selectively coupled to the converter and configured to provide input power to the converter when power from the first power source is unavailable and when an elevator car of the elevator is moving, wherein a speed of the elevator car remains substantially constant when a 10 transition in terms of the input power to the converter is made from the first power source to the second power source.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.851/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : RADIO WAVE ENHANCED CAPACITIVE DEIONIZATION

(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

(71)Name of Applicant :

1)ROBERT ATLAS

Address of Applicant :1326 NORTH TRINITY, SAN ANTONIO, TEXAS 78207,USA U.S.A.

(72)Name of Inventor :

1)Robert Atlas

(57) Abstract :

Systems and methods are described that combine capacitive deionization (CDI), electrodeionization (EDI) mechanisms and use of Radio Waves for deionizing aqueous or nonaqueous solutions. The inventive systems and methods modify certain known Capacitive Deionization using coatings or films by applying low frequency radio wave signals at low power and using wire mesh spacers that separate the ionic charges on the electrodes. Benefits derived from these improvements include: (a) maintaining a lower level of purification; (b) increasing by as much as 25% the rate of expulsion of ions during regeneration; (c) increasing by as much as 50% the rate of electrical discharge of the cell; (d) decreasing the regeneration time (producing as much as 33% more purified water per unit of time); (e) reducing by as much as 25% the power required; (f) improving the recovery of the system to as much as 85% and (g) a 4 log kill of microbes and filtration of microbes.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.899/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD OF INTERACTION WITH MULTIPLE DEVICES

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Co., Ltd.
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong, Yeongtong-GU,
(33) Name of priority country	:NA	Suwon-SI, Gyeonggi-do 442-742, Republic of Korea Republic of
(86) International Application No	:NA	Korea
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAIN, Saurabh
(61) Patent of Addition to Application Number	:NA	2)BUGALIA, Nishant
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method which allows user to select the object from a device via any means (mouse, gesture, touch) and later on modify the object before transferring it to the same device or to another device wherein object is visible or not visible during the modification.

No. of Pages : 48 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN INTERNAL COMBUSTION ENGINE WITH INDEPENDENT

(51) International classification	:F02B47/04,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1 NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JASPREET SINGH
(87) International Publication No	: NA	2)SANDEEP KUMAR
(61) Patent of Addition to Application Number	:NA	3)NARINDER KUMAR
Filing Date	:NA	4)AMIT GAUTAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an internal combustion engine with independent port structures , comprises of two intake independent valves, two intake ports, two injectors and a combustion chamber wherein the intake ports have a straight profile and are isolated with each other to increase tumble motion without compromising mass flow rate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3939/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : ZINC HALIDE MEDIATED CYCLIZATION PROCESS LEADING TO TRICYCLIC INDOLES

(51) International classification :C07D209/88
(31) Priority Document No :3690/DEL/2012
(32) Priority Date :30/11/2012
(33) Name of priority country :India
(86) International Application No :PCT/EP2013/075107
Filing Date :29/11/2013
(87) International Publication No :WO 2014/083163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)NILSEN Sondre
2)MOKKAPATI Umamaheshwar P

(57) Abstract :

The present invention relates to a method for the production of tricyclic indole compounds comprising a cyclization step wherein this step is improved over known methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4980/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : CIRCUIT BOARD WITH OFFSET VIA

(51) International classification	:H05K 3/40
(31) Priority Document No	:12/617,544
(32) Priority Date	:12/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001797
Filing Date	:10/11/2010
(87) International Publication No	:WO 2011/057404
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ATI TECHNOLOGIES ULC
Address of Applicant :ONE COMMERCE VALLEY DRIVE
EAST, MARKHAM, ONTARIO L3T 7X6, CANADA Canada
(72)**Name of Inventor :**
1)LEUNG, ANDREW KW

(57) Abstract :

Various circuit boards and methods of manufacturing the same are disclosed. In one aspect, a method of manufacturing is provided that includes forming a first interconnect layer of a circuit board. The first interconnect layer includes first and second conductor structures in spaced apart relation, a first via in ohmic contact with the first conductor structure and a second via in ohmic contact with the second conductor structure. A second interconnect layer is formed on the first interconnect layer. The second interconnect layer includes third and fourth conductor structures in spaced apart relation and offset laterally from the first and second conductor structures, a third via in ohmic contact with the third conductor structure and a fourth via in ohmic contact with the fourth conductor structure.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4981/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : PHOTOCROMIC OPTICAL ARTICLE COMPRISING A SATURATED PHOTOCROMIC COATING AND A FILM ABSORBING UV RADIATION

(51) International classification	:G02C 7/10
(31) Priority Document No	:09 59102
(32) Priority Date	:17/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064967
Filing Date	:07/10/2010
(87) International Publication No	:WO 2011/072900
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)
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(72)**Name of Inventor :**
1)ARCHAMBEAU, SAMUEL
2)BOVET, CHRISTIAN
3)CANO, JEAN-PAUL
4)SAUGEY, ANTHONY

(57) Abstract :

The invention relates to a photochromic optical article with reduced thermal dependency, comprising: (a) a transparent substrate, (b) a saturated photochromic layer having, in the activated state and at a temperature of 20°C, a relative transmission factor of less than 1% in the visible range, and (c) an anti-UV coating of plastic material at least partially covering the saturated photochromic layer, the said anti-UV coating containing at least one agent which absorbs UV radiation (anti-UV agent) and is distributed in a pattern consisting of a multitude of points, each having a surface area of less than 0.15 mm², the average distance between two neighbouring points lying between 0.5 and 2 mm and the ratio of the overall surface area of all the points to the total surface area of the anti-UV coating being such that the relative transmission factor of the optical article in the visible range in the activated state and at 20°C is at least equal to 5%. The invention also relates to two methods for manufacturing such an optical article.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.863/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : THREE DRUM FEEDER SYSTEM

(51) International classification	:F25J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ISGEC HEAVY ENGINEERING LIMITED
(32) Priority Date	:NA	Address of Applicant :A4, sector 24, Noida, Uttar Pradesh-
(33) Name of priority country	:NA	201301(India); Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAILASAMPILLAI, Veerapan Anguraju
(87) International Publication No	: NA	2)ELANGOVAN, Srilinga Gnana Pragasam
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a three drum feeder system for extracting and feeding of bagasse and other cellulose fuels of similar character. Three drum feeder is an improved version of Bagasse drum feeder and it can handle milled and diffused bagasse, without choking. It also eliminates the screw feeder used down below the single drum feeder for feed control.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4028/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : HEAT EXCHANGER INCLUDING MANIFOLD

(51) International classification :F28F3/00,F28D9/00,F28F9/00
(31) Priority Document No :61/714538
(32) Priority Date :16/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065004
Filing Date :15/10/2013
(87) International Publication No :WO 2014/062653
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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2)SHAPIRO Laurence Jay
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4)LEE Hoseong
5)HWANG Yunho
6)WILKINS Daniel Latimer

(57) Abstract :

A heat exchanger includes heat exchanger plates in a stacked arrangement such that each heat exchanger plate is spaced apart from the adjacent heat exchanger plate. The space between adjacent heat exchanger plates defines an external fluid passageway and each external fluid passageway is configured to receive a first fluid. Each heat exchanger plate includes a peripheral edge an internal fluid passageway configured to receive a second fluid. The internal fluid passageway includes an inlet and an outlet that open at the peripheral edge. The heat exchanger further includes a manifold having a supply chamber in fluid communication with the inlet of each heat exchanger plate and a discharge chamber in fluid communication with the outlet of each heat exchanger plate.

No. of Pages : 104 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4029/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MOVABLE ERGONOMIC CARRIER FOR DESKTOP COMPUTER

(51) International classification	:A47B21/04
(31) Priority Document No	:MP2012/0070
(32) Priority Date	:16/11/2012
(33) Name of priority country	:Serbia and Montenegro
(86) International Application No	:PCT/RS2013/000021
Filing Date	:12/11/2013
(87) International Publication No	:WO 2014/077719
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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Address of Applicant :Bolnicka 12 18400 Prokuplje Serbia and Montenegro
(72)Name of Inventor :
1)STRAHINIC SlaviĀja

(57) Abstract :
with the following novelties: rectangular pedestal (83) which consists of the boxes (1 and 2) whose outer flanks have places (16 and 17) for mounting the weight (18) and L profiles (3 and 4) and the boxes (1 and 2) have the boxes (5 and 6) pulled into them whose ends have the castor (7 and 8) carriers welded to them bearing the castors (9 and 10) which provide adjustment of the distance between the castors (9 and 10) and ends of the boxes (1 and 2) and upper side of the pedestal (83) have welded sleeves (19 20 21 22) in their corners where there are pulled in and fixed the pipes (23 24 25 26) whose tips go into the sleeves (34 35 36 37) of the rectangular frame (33) where they are fixed with the fixation (38 39 40 41) elements going through each of their sides so that the elements (38 and 39) also fix the bars (42 and 43) whose tips include the joints (44 and 45) which are pulled into the pipes (23 and 24) so that the joint (44) is in turn followed by the bar (46) pipe (47) joint (48) pipe (50) bar (51) and the mount (52) arm while the joint (45) is in turn followed by the pipe (53) joint (54) pipe (55) joint (57) and the pipe (60) with the carriers (68 and 69) of the keyboard with the mouse (80) pedestal.

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.920/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A BRONCHOTRAINING DEVICE

(51) International classification	:F25J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, KANPUR
(32) Priority Date	:NA	Address of Applicant :Dean, Research & Development, Room
(33) Name of priority country	:NA	Number 151, Faculty Building, Post Office: IIT Kanpur, Kanpur-
(86) International Application No	:NA	208016, Uttar Pradesh, India Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VERMA, Anil, Kumar
(61) Patent of Addition to Application Number	:NA	2)SHARMA, Manoj, Kumar
Filing Date	:NA	3)JANAKARAJAN, Ramkumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention refers to a training simulator for endoscopy of the airway. The invention particularly refers to a cost-effective, portable training model for bronchoscopy made up of tubes and connectors, which has the provision(s) for obtaining different complexity level for providing training to a trainee. The simulator resembles the trachea-bronchial tree structure with the tubes acting as air pathways and connectors denoting branching.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4986/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRY POWDER INHALER MOUTHPIECE BUTTON

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000087

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129787

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BILGIC, MAHMUT

Address of Applicant :TOZKOPARAN MAH. GENERAL

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BAGIMSIZ BOLUM NO. 2/13 MERTER/ISTANBUL. 34173

(TR) Turkey

(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which is appropriate for delivering the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disease (COPD) and allergic rhinitis. Furthermore, the inhaler pertaining to the present invention is an inhaler contributing to realize a hygienic and an effective inhalation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4987/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : USER-FRIENDLY DRY POWDER INHALER

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000088

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129788

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(TR) Turkey

(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to a user-friendly and rapid inhaler comprising blister package which is appropriate for delivering the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disease (COPD) and allergic rhinitis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4988/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : DRY POWDER INHALER MOUTHPIECE BUTTON

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000089

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129789

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BILGIC, MAHMUT

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(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which is appropriate for delivering the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disease (COPD) and allergic rhinitis by the oral route and has a mechanism preventing the problems resulting from inadvertent actuation of the device. Fig. 2

No. of Pages : 45 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4989/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : INHALER WHICH CREATES TURBULANCE

(51) International classification :A61M 15/00

(31) Priority Document No :2010/02877

(32) Priority Date :13/04/2010

(33) Name of priority country :Turkey

(86) International Application No :PCT/TR2011/000090

Filing Date :13/04/2011

(87) International Publication No :WO 2011/129790

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BILGIC, MAHMUT

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(72)Name of Inventor :

1)BILGIC, MAHMUT

(57) Abstract :

The present invention relates to an inhaler which is appropriate for delivering the medicament in dry powder form used in the treatment of respiratory diseases, particularly in asthma, chronic obstructive pulmonary disease (COPD) and allergic rhinitis by the oral route and has a mechanism preventing the problems resulting from inadvertent actuation of the device. Fig.2

No. of Pages : 51 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.905/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : WATER SOLUBLE GRANULAR INSECTICIDAL COMPOSITION

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DHANUKA AGRITECH LIMITED
(32) Priority Date	:NA	Address of Applicant :Dhanuka House, 861-862, Joshi road,
(33) Name of priority country	:NA	Karol Bagh, New Delhi-110005, India. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR, Vijay
(87) International Publication No	: NA	2)SINGH, OP
(61) Patent of Addition to Application Number	:NA	3)DHANUKA, Mridul
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a water soluble granular insecticidal composition comprising an effective amount of (a) Cartap hydrochloride; (b) at least one stabilizing agent; (c) at least one emulsifying agent; (d) at least one binding agent; (e) at least one defoaming agent and (f) at least one diluents, for controlling and/or preventing pests on crop plants, particularly for controlling and/or preventing stem borer and leaf folder on rice and diamond back moth on cole crops.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3927/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR RECYCLING PLASTIC PRODUCTS

(51) International classification	:C08J11/10
(31) Priority Document No	:12306442.0
(32) Priority Date	:20/11/2012
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2013/074173
Filing Date	:19/11/2013
(87) International Publication No	:WO 2014/079844
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CARBIOS

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Limagne F 63360 Saint Beuzire France

(72)Name of Inventor :

1)BOISART Cdric

2)MAILLE Emmanuel

(57) Abstract :

The invention relates to a method for recycling at least one plastic product the method comprising degrading at least one polymer of the plastic product to monomers using an enzyme and recovering the resulting monomers. The method of the invention may be used for degrading simultaneously or sequentially at least two different polymers of the plastic product and/or for recycling at least two plastic products.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4039/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND NODE ARRANGEMENT FOR PROVIDING MORE ACCURATE ESTIMATION OF DATA PATH CONDITIONS

(51) International classification	:H04L12/26,H04L12/24	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT/SE2012/051494	1)WELIN Annikki
Filing Date	:21/12/2012	2)THYNI Tomas
(87) International Publication No	:WO 2014/098694	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and node arrangement (110) for evaluating available conditions of a data path between a sending node and a destination node in a data communications network by means of an active measurement process comprising one or more measurement sessions. The data path and sending node comprises a sending node interface. The method involves performing a measurement session of said data path for determining a measurement result and estimating one or more available conditions of a data path using the measurement result and one or more initial parameter values as input in a calculation algorithm. The method further comprises setting one initial parameter value for the calculation to a maximum bandwidth capacity based on the lowest bandwidth capacity value of the interfaces of both nodes sending said probe packet sequences during said measurement session.

No. of Pages : 48 No. of Claims : 14

(54) Title of the invention : METHOD FOR DOUBLE ALLOYING AND NANOPHASE MODIFICATION OF STEEL BY ATOMIC NITROGEN

(51) International classification	:C21C7/00,B82Y30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OTKRYTOE AKTSIONERNOE OBSHHESTVO
(32) Priority Date	: -	NOVOLIPETSKIY METALLURGICHESKIY KOMBINAT
(33) Name of priority country	:	Address of Applicant :Ploshhady Metallurgov 2 Lipetsk
(86) International Application No	:PCT/RU2013/000190	398040 Russia
Filing Date	:13/03/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/142699	1)PARSHIN Vladimir Andreevich
(61) Patent of Addition to Application	:NA	2)(GOROKHOV, Yury Leonidovich)
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The implementation (technique) of intense double alloying and modification involves introducing during the process of steel modification outside a furnace the nitrogen containing compound carbamide (NH)₂CO into a ladle containing a melt which compound dissociates in an explosive manner at a temperature of the steel liquid phase of approximately 1650°C thus releasing atomic nitrogen. A conversion (transformation) of the explosive carbamide dissociation process into an intense process of self propagating synthesis of nitride nanophases is carried out by using a carbamide addition regimen to the steel melt differentiated by the amount and time wherein the basic parameters dependent on the type of steel are an amount of carbamide consumption per tonne of steel in the range of 0.4 1.8 kg/ton and a rate of addition thereof to the melt in the range of 5.0 8.0 kg per minute.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3945/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND PROCESS FOR CONTINUOUS PRODUCTION OF SCR PLATE TYPE DENITRATED CATALYST

(51) International classification :B01J35/02,B01D53/86,B01D53/56
(31) Priority Document No :201210436662.4
(32) Priority Date :05/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/001327
Filing Date :04/11/2013
(87) International Publication No :WO 2014/067239
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZHANG Jingwen

(57) Abstract :

Disclosed is an apparatus for continuous production of SCR plate type denitrated catalyst comprising a stainless steel screen unreeling and clamping system a catalyst paste distributing system a system for rolling folding shearing the plate type catalyst a sample assembling table and a drying and sintering system. In operation after unreeling leveling and aligning at center the stainless steel screen is run by continuous clamping of the clamping device; in the meanwhile after mixing and extruding for molding the raw materials for the denitrated catalyst are uniformly distributed over the stainless steel screen by a distributing device and a trowelling device followed by multi stage rolling folding and shearing to provide the plate type catalyst mass; the plate type catalyst masses are assembled as a special module at sample assembling table and finally fed into the drying and sintering system for drying and sintering to obtain the final plate type denitrated catalyst. In the present invention such devices as the multi stage leveler the alignment device the multi stage clamping machine the multi stage trowelling machine and the multi stage roller press are introduced for achievement of continuous production of the plate type denitrated catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3976/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM UPDATE METHOD APPARATUS AND DEVICE

(51) International classification :G06F11/14,G06F9/445
(31) Priority Document No :201310256345.9
(32) Priority Date :25/06/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/072319
Filing Date :20/02/2014
(87) International Publication No :WO 2014/206100
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RU Yi

2)YANG Xiaohe

(57) Abstract :

Disclosed are a system update method apparatus and device which belong to the field of information technologies. The method comprises: determining a currently used system and synchronizing a system file of the currently used system to a corresponding mirror system; acquiring a system update package and updating according to the system update package the mirror system after synchronization; and after the mirror system after synchronization has been successfully updated starting the updated mirror system and using the updated mirror system as the currently used system. In the disclosure system update is performed in a mirror system after the mirror system has been successfully updated the updated mirror system is started and the updated mirror system is used as a currently used system so that system update does not influence normal use of the currently used system and a case in which the currently used system cannot be normally used because of an exception that occurs in a process of system update is also prevented thereby enhancing system safety and stability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3978/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : CRYSTALLIZATION PROCESS OF TRICYCLIC INDOLE DERIVATIVES

(51) International classification :A61K31/403,A61K51/04,C07D209/88
(31) Priority Document No:3689 /DEL/2012
(32) Priority Date :30/11/2012
(33) Name of priority country :India
(86) International Application No :PCT/EP2013/074986
Filing Date :28/11/2013
(87) International Publication No :WO 2014/083113
(61) Patent of Addition 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)NILSEN Sondre
2)BALAJI Srinath Balaji Aralikatti Prahladachar
3)MOKKAPATI Umamaheshwar P
4)KADAVILPPARAMPU MOHAMED Afsal Mohammed

(57) Abstract :

The present invention relates to a composition comprising a tricyclic indole compound. The composition has a higher purity and better impurity profile than known compositions comprising said tricyclic indole compound and as a consequence has superior properties particularly when said compound is destined for use in vivo as a therapeutic or diagnostic agent. Also provided by the present invention is a method to make the composition of the invention a pharmaceutical composition comprising the composition of the invention and use of the composition of the invention in a medical method.

No. of Pages : 31 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.883/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

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

(51) International classification	:A61K9/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JUBILANT LIFE SEIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-
(33) Name of priority country	:NA	201301, UP, INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BISWAS, SUJAY
(87) International Publication No	: NA	2)BANSAL, VIKAS
(61) Patent of Addition to Application Number	:NA	3)CHAKRAVARTY, ROHIT
Filing Date	:NA	4)PRASAD, MOKKAPATI UMAMASHESWAR
(62) Divisional to Application Number	:NA	5)MASAND, MUKESH
Filing Date	:NA	6)VIR, DHARAM

(57) Abstract :

The present invention provides an improved process for the preparation of exametazime, which is used as ligand in preparation of technetium-99m complex.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : RECOMBINANT SSOPOX ENZYMES, METHOD OF GENERATION AND REUSABLE NANOBIOCATALYST OF SAME

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67, S.A.S Nagar, Mohali,
(86) International Application No	:NA	Punjab-160062, India Punjab India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Abhay Hariram Pande
(61) Patent of Addition to Application Number	:NA	2)Priyanka Bajaj
Filing Date	:NA	3)Rajan Kumar Tripathy
(62) Divisional to Application Number	:NA	4)Ankita Jadhav
Filing Date	:NA	

(57) Abstract :

The present disclosure provides novel polynucleotide sequences for high level expression in Escherichia coli and encoding recombinant SsoPox wild-type enzyme and its variant having enhanced organophosphate (OP)-hydrolyzing activity. The invention also provides a novel method to produce the recombinant enzymes in highly pure and active form in an unprecedented high yield. The invention also provide a method to generate reusable nanobiocatalyst by covalently immobilizing pure recombinant SsoPox enzymes onto magnetic nanoparticles. The reusable nanobiocatalyst can be recovered from the reaction mixture after its use and can be stored and reused multiple times to degrade the organophosphate-compounds. The recombinant SsoPox enzymes and rSsoPox-immobilized nanobiocatalyst can be used as an economical, effective and environmental-friendly OPcompound biodegrading agent.

No. of Pages : 52 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.904/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MASS DIFFUSIVITY MEASUREMENT SYSTEM

(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

(71)Name of Applicant :

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Faculty Building, Indian Institute of Technology Kanpur, Kanpur,
Uttar Pradesh 208016 Uttar Pradesh India

(72)Name of Inventor :

1)NIMDEO, Yogesh

2)JOSHI, Yogesh Moreshwar

3)KAR, Subhajit

4)MURALIDHAR, K.

(57) Abstract :

Methods and system for measurement of mass diffusivity are described herein. In one implementation, a diffusivity analysis system (100) includes a diffusion cell (112) containing a binary diffusion system (136), a light source (102) to radiate a parallel beam of light (108) to pass through the binary diffusion system (136), and an image capturing device (130) to capture an image of light streak at several instants of time. The diffusivity analysis system (100) also includes a computation system (132) to process the captured images, and compute the mass diffusivity of the solute based on the position of the light streak in the images.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.923/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUSPENSION AGITATOR SYSTEM

(51) International classification	:F25J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, KANPUR
(32) Priority Date	:NA	Address of Applicant :Dean, Research & Development, Room
(33) Name of priority country	:NA	Number 151, Faculty Building, Post Office: IIT Kanpur, Kanpur-
(86) International Application No	:NA	208016, Uttar Pradesh, India Uttar Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)CHOUDHARY, Raja
(61) Patent of Addition to Application Number	:NA	2)SINGH, Vandana
Filing Date	:NA	3)MAHATO, Neelima
(62) Divisional to Application Number	:NA	4)BALANI, Kantesh
Filing Date	:NA	

(57) Abstract :

The present invention relates to a suspension agitator system. The suspension agitator system is particularly useful in electrodeposition and chemical processes. The suspension agitator system is highly efficient as it helps in uniformly agitating the suspension and also helps in maintaining uniform concentration of particles throughout the suspension.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6328/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : A THREE DIMENSIONAL MODEL METHOD BASED ON COMBINATION OF GROUND BASED IMAGES AND IMAGES TAKEN FROM ABOVE

(51) International classification	:G06T17/05, G01C11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2010/000014
Filing Date	:26/01/2010
(87) International Publication No	:WO 2011/093751
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)LEIF HAGLUND

2)JOHAN BORG

3)INGMAR ANDERSSON

4)FOLKE ISAKSSON

(57) Abstract :

The present invention relates to a three dimensional model method based on combination of ground based images (54) and images (44) taken from above. According to the invention an existing 3D model (46) based on images (44) taken from above is matched with images (54) taken from ground level, all images comprising information about position and attitudes of the camera when the images (54) from ground level and the images (44) taken from above were taken and direction of each pixel. The method offers an automatically carried out imaging solving or at least mitigating occlusion problems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6329/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN AUTOMATED THREE DIMENSIONAL MAPPING METHOD

(51) International classification	:G06T7/00, G06T17/05
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2010/000015
Filing Date	:26/01/2010
(87) International Publication No	:WO 2011/093752
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)LEIF HAGLUND
2)JOHAN BORG
3)INGEMAR ANDERSSON
4)FOLKE ISAKSSON

(57) Abstract :

The present invention relates to an automated three dimensional mapping method estimating tree dimensional models taking advantage of a plurality of images. The object of the invention is to eliminate or at least reduce the need of smoothing and as a consequence increase the stability of a 3D model avoiding blur. According to the method the positions (x, y, z) and attitudes (α , β , γ) for at least one camera is recorded when images are taken, the at least one camera is geometrically calibrated to indicate the direction of each pixel of an image, a stereo disparity is calculated (42) for a plurality of image pairs covering a same scene position setting a disparity and a certainty measure estimate for each stereo disparity, the different stereo disparity estimates are weighted together (43) to form a 3D model, and the stereo disparity estimates are reweighted automatically and adaptively based on the estimated 3D model.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.925/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : LAMINATED POLYETHYLENE WOVEN FABRIC PIPES FOR USE IN DRIP, MICRO & SPRINKLER IRRIGATION SYSTEM

(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	:3009/DEL/2011
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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India Uttar Pradesh India

(72)Name of Inventor :

1)Vikesh Gupta

(57) Abstract :

A laminated polyethylene woven fabric pipe for distributing fluid comprising a main pipe 100; lateral pipes 200 at fixed distance from each other made up of linear low density polyethylene and jointers/drip fitting 300 for connecting the lateral pipes 200 to the main pipe 100.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4038/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR ENABLING DIRECT MODE COMMUNICATION BETWEEN USER/EQUIPMENTS

(51) International classification :H04W8/00,H04W76/02,H04W88/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/051256
Filing Date :14/11/2012
(87) International Publication No :WO 2014/077745
(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 :S 164 83 Stockholm Sweden
(72)Name of Inventor :
1)FODOR Gabor
2)BELLESCHI Marco

(57) Abstract :

A method and apparatus related to a first radio network node serving a first UE in a first mobile radio network for enabling a D2D communication with a second UE served by a second radio network node in a second radio network. The first radio network node establishes a connection with the second radio network node. The first UE (230) requests to the first radio network node to enable a communication with the second user equipment (290). The first radio network sends a first message comprising information related to the first UE (230) to the second radio network node (280) for configuration of the second UE (290). The first radio network node receives a second message for configuration of the first UE (230) and sends to the first UE (230) a third message related to the second UE.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6396/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : MACHINE COMPRISING A MULTIPART COIL ELEMENT

(51) International classification	:H02K1/08,H02K1/14	(71)Name of Applicant :
(31) Priority Document No	:10 2010 001 242.4	1)ROBERT BOSCH GMBH
(32) Priority Date	:27/01/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/050690	(72)Name of Inventor :
Filing Date	:19/01/2011	1)EVANS Steven Andrew
(87) International Publication No	:WO 2011/092096	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to an electromagnetic machine (100) including two parts (110, 120), which are movable relative to one another. One of the parts (110) includes a plurality of elements (130) for conducting a magnetic field (Φ), where two of the elements (130) are separated from each other by an air gap (150) intersecting a direction of the magnetic field (Φ). In one embodiment, one of the two elements (130) includes a groove (510) extending in the direction of the magnetic field (Φ) within a region of the air gap (150).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6399/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SEMICONDUCTOR MEMORY DEVICE HAVING ELECTRICALLY FLOATING BODY TRANSISTOR AND HAVING BOTH VOLATILE AND NON VOLATILE FUNCTIONALITY AND METHOD

(51) International classification	:G11C11/34
(31) Priority Document No	:61/302129
(32) Priority Date	:07/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/023947
Filing Date	:07/02/2011
(87) International Publication No	:WO 2011/097592
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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U.S.A.
(72)**Name of Inventor :**
1)WIDJAJA Yuniarto
2)OR BACH Zvi

(57) Abstract :

A semiconductor memory cell includes a floating body region configured to be charged to a level indicative of a state of the memory cell; a first region in electrical contact with said floating body region; a second region in electrical contact with said floating body region and spaced apart from said first region; and a gate positioned between said first and second regions. The cell may be a multi level cell. Arrays of memory cells are disclosed for making a memory device. Methods of operating memory cells are also provided.

No. of Pages : 755 No. of Claims : 233

(54) Title of the invention : GRAVITY AS INPUT TO CHANGE THE ENTIRE ENERGY SCENARIO ON THIS PLANET

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURESH CHAWLA
(32) Priority Date	:NA	Address of Applicant :R/O B-1/411 JANAK PURI, NEW
(33) Name of priority country	:NA	DELHI - 110058. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURESH CHAWLA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention of Gravity as input to change the entire energy scenario on this planet relates to utilization of gravity as input to generate enormous energy by stacking steel balls to capacity in vertically placed - semi-circular tube made out of metal alloys. By introducing each extra ball by force from bottom of semi circular tube, one ball from top will exit the semi circular tube because of space constrains.. No material can reach at the top after falling from height instantly but since all balls are of same size , with introduction of each ball from bottom , one ball is released from top so in effect or virtually each ball reaches the top after falling from top instantly to produce energy regularly from gravity. The force to introduce each extra ball in semi circular tube is provided by a lever arm attached at bottom of semi circular tube. Each extra ball enters the semi circular tube through non return gate arm having buffer spring or counter weight attached at top of it to completely balance the weight of all the steel balls in the semicircular tube and a stopper at back of bottom of arm to not let the arm go beyond entry point of the semi circular tube. The non return gate arm has a pivot in the arm to move in to the semi circular tube and return . The lever arm pushes steel balls using sliding push pull - rods placed in horizontal extension tube attached to semicircular tube at bottom . A space for one extra ball is provided in horizontal extension tube between push pull rod and arm of non return gate . A groove is provided in semi circular tube at top along with groove in pushing rod at top to allow the arm of non return gate to firstly push each extra ball in to the semi circular tube and then to slide back to original position to hit the stopper. One ball that exits the semi circular tube from top is allowed to roll down a slide path before allowing it to fall down vertically to hit turbine wing- placed at a height above entry level of semi circular tube to generate- out put, the ball slides back on reverse sliding path to reach and wait at the entry funnel of extension tube after hitting a trigger arm holding lever arm in position, the free lever arm is pushed to one side by a compressed spring attached to it at top, the lever arm in turn pushes -one spare ball placed in extension tube behind non return gate arm to enter semi circular tube by using push pull rods and pushing the arm of non return gate in to the semi circular tube ,a similar un- compressed spring attached parallel to first spring in opposite direction of lever arm at top-blows back the first spring to its original position along with reverse movement of lever arm to its previous position after fixing trigger in its position. The reverse movement of lever arm also reverses the push pull rod as well as arm of non return gate to its original position there by creating space in extension tube to allow the ball waiting at entry funnel to enter the extension tube. The system how ever is activated initially by rolling down one more spare ball from top of semi circular tube to repeat the cycle described above to continuously generate energy requiring very little input at bottom because- ail the balls in semi circular tube are balanced by counter weight or buffer spring ascompared to mega out put generated by the ball exiting from top at height - getting gravitational acceleration to its weight. The self working system also requires no external input as well, at a l l , there by breaking the input out put theory on two counts firstly because- less in put is required to generate more out put and secondly -no external in put is required at ail to generate mega out put.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.856/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR GUIDING AN UNMANNED AIRCRAFT DURING LANDING

(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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Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi
110 105 Delhi India

(72)Name of Inventor :

1)RAM KISHORE MISHRA

2)MOHAMMED SHAHID

3)VAMSHI KRISHNA

(57) Abstract :

Embodiments of the present disclosure provide a method and system for guiding an unmanned aircraft/UAV towards the ideal/glide path. The system comprises at least two sensors, defined as first sensor and second sensor and control station. The at least two sensors are placed across a runway wherein field of view [FOV] of first sensor and FOV of second sensor intersect to define ideal gliding path. The first sensor and second sensor capture images of the UAV in real-time. The image processing unit in each of the first sensor and the second sensor determines coordinates of the UAV based on captured images. The guidance processing unit configured at control station computes one or more control commands based on coordinate information and other information associated with UAV. The transmitting unit configured at control station transmits the one or more control commands to the UAV for guiding towards the ideal path.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.928/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A FLOOR MAT OF VEHICLE

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Abhay Rathaur
(87) International Publication No	: NA	2)Saurabh Jaiswal
(61) Patent of Addition to Application Number	:NA	3)Prashant Saxena
Filing Date	:NA	4)Kapil Pandey
(62) Divisional to Application Number	:NA	5)Sandeep Raina
Filing Date	:NA	

(57) Abstract :

This invention relates to a floor mat of vehicle comprising a sheet stitched with a Velcro, which is welded to a mat at its back surface. It is associated with the following advantageous features-Prevents movement of mat on floor of vehicle.Retains aestheticness of mat, Avoids mat fouling with accelerator pedal and brake pedal. Avoids visibility of welding marks on top surface of mat. Avoids any requirement for change in design to conceal stitch marks on the mat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SKELP POSITIONING AND GUIDANCE SYSTEM FOR VERTICAL AXIS COILERS IN HOT STRIP MILLS

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAHAPATRA ABHIJIT
(61) Patent of Addition to Application Number	:NA	2)CHATTERJEE AVIK
Filing Date	:NA	3)MAJUMDER GOUTAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a skelp positioning and guidance system for vertical axis coilers in hot strip mills which comprises of a Pneumatic Skelp Gripper Unit (PSGU), Four Axis Transporting Unit (FATU) and Hot Skelp Feeding Unit (HSFU) to perform operations like gripping, positioning, transporting, guiding and feeding of the randomly oriented hot skelp coil tip in-between the Coiler Pinch Rolls (CPR) in synchronized manner and to integrate these sequential process through programmable logic controller resulting in semi automation of all manual processes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4004/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : THREE WAY CATALYTIC CONVERTER USING NANOPARTICLES

(51) International classification :B01J37/02,B01J37/34,B01J35/00
(31) Priority Document No :61/729177
(32) Priority Date :21/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071000
Filing Date :20/11/2013
(87) International Publication No :WO 2014/081826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BIBERGER Maximilian A.

(57) Abstract :

The present disclosure relates to a substrate comprising nanomaterials for treatment of gases washcoats for use in preparing such a substrate and methods of preparation of the nanomaterials and the substrate comprising the nanomaterials. More specifically the present disclosure relates to a substrate comprising nanomaterial for three way catalytic converters for treatment of exhaust gases.

No. of Pages : 74 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4005/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : FIRMWARE IMPLEMENTED SOFTWARE LICENSING

(51) International classification :G06F21/12
(31) Priority Document No :13/681861
(32) Priority Date :20/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000968
Filing Date :19/11/2013
(87) International Publication No :WO 2014/078934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NADARAJAH Kathirkamanathan
3)YE Jianfei
4)ZHANG Xing Yui

(57) Abstract :

A device receives a request to use a software program determines a comparison indicator based on receiving the request and determines whether a license for the software program is valid based on a license validity indicator stored in a secure environment and the comparison indicator. The device permits execution of secure code stored in the secure environment when the license is determined to be valid and prevents execution of the secure code stored in the secure environment when the license is determined to be invalid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4006/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRANSMUCOSAL DELIVERY OF TOCOTRIENOL

(51) International classification :A61K31/353,A61K31/355,A61P9/12
(31) Priority Document No :AU 2012904937
(32) Priority Date :13/11/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/001310
Filing Date :13/11/2013
(87) International Publication No :WO 2014/075135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)TONG Glenn

(57) Abstract :

The present invention relates to pharmaceutical compositions formulated for transmucosal delivery and in particular sublingual delivery comprising at least one tocotrienol or derivative thereof together with one or more pharmaceutically acceptable excipients. The present further relates to the use of said compositions for treating or preventing post exercise muscle soreness delayed onset muscle soreness cardiac fibrosis hypertension inflammation stroke cancer elevated cholesterol and/or triglycerides baldness hypertrophy conditions resulting from radiation exposure stabilizing and/or controlling blood glucose levels and improving exercise endurance and capacity.

No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4007/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : INKJET PRINTING SYSTEM AND INKJET PRINTING METHOD

(51) International classification :G03G15/10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2012/073941

Filing Date :29/11/2012

(87) International Publication No :WO 2014/082668

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ORON Gadi

2)SCHLUMM Doron

3)FISHER Gil

(57) Abstract :

According to one example there is provided a printing system (100). The printing system comprises a printhead receiver (111) to receive a printhead (112) the printhead to eject printing fluid drops (114) from an array of printhead nozzles to a first printing fluid receiving zone (118). The printing system further comprises an electrostatic imaging member (104) to store a latent image comprising charged and non charged portions representing an image to be printed. Part of the electrostatic imaging member is arranged in close proximity (116) to the array of nozzles such that ejected printing fluid drops are electrostatically deflected by charged portions of the electrostatic imaging member to a second printing fluid receiving zone (130).

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5032/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PRINTABLE SHEET THAT IS ULTRA-SMOOTH AND RECYCLABLE, AND ITS METHOD OF FABRICATION

(51) International classification	:D21H 27/22
(31) Priority Document No	:09/06325
(32) Priority Date	:23/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052879
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/077048
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GAEL DEPRES

2)JEAN-MARIE VAU

(57) Abstract :

A method of fabricating a smooth or ultra-smooth printable sheet, the method comprising the steps consisting in: preparing a multilayer structure (12) having at least one bottom plastics film (14), one anti- adhesive intermediate layer (16), and one printable top layer (18), pasting one face (30) of a substrate (24) or the top face (28) of the printable layer, and applying the substrate onto the printable layer in order to laminate them together, then withdrawing the plastics film from the printable layer, the printable layer (18) defining a smooth or ultra-smooth face (22) on the sheet.

No. of Pages : 49 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5033/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONTROL UNIT OF INDUCTION HEATING UNIT, INDUCTION HEATING SYSTEM, AND METHOD OF CONTROLLING INDUCTION HEATING UNIT

(51) International classification	:H05B 6/10
(31) Priority Document No	:2009-283255
(32) Priority Date	:14/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070800
Filing Date	:22/11/2010
(87) International Publication No	:WO 2011/074383
(61) Patent of Addition 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)YASUHIRO MAYUMI

3)TOSHIYA TAKECHI

4)KENJI UMETSU

(57) Abstract :

A control unit of an induction heating unit controls AC power output to a coil of a transverse type induction heating unit that allows an alternating magnetic field to intersect a sheet surface of a conductive sheet that is being conveyed to inductively heat the conductive sheet. The control unit includes: a magnetic energy recovery switch that outputs AC power to the heating coil; a frequency setting unit that sets an output frequency in response to at least one of the relative permeability, resistivity, and sheet thickness of the conductive sheet; and a gate control unit that controls a switching operation of the magnetic energy recovery switch on the basis of the output frequency set by the frequency setting unit.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6336/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND BASE STATION CONTROLLER FOR ADJUSTING RADIO CHANNEL RESOURCES

(51) International classification	:H04W72/04
(31) Priority Document No	:200910261751.8
(32) Priority Date	:29/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073644
Filing Date	:07/06/2010
(87) International Publication No	:WO 2011/079576
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)LIU Yuanzheng

(57) Abstract :

The present invention discloses a method and base station controller for adjusting radio channel resources wherein the method includes: detecting the radio channels which are idle currently when knowing that a voice service borne by a radio channel in a system is released; when determining that there are at least two idle radio channels with the same rate attribute calculating a packet service continuity index for each radio channel with the rate attribute mentioned above where the radio channel bears the voice service currently wherein the packet service continuity index indicates the size of an channel available to continuous packets where the channel is formed based on the radio channels; transferring the voice service borne by the radio channel with the maximum value of the packet service continuity index to a designated idle radio channel so as to enable the idle radio channels existing currently with the same rate attribute to form a continuous channel group. With the present invention the utilization ratio of radio channel resources can be improved.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5008/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : UPLINK CONTROL INFORMATION TRANSMISSION

(51) International classification	:H04L 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/050149
Filing Date	:08/01/2010
(87) International Publication No	:WO 2011/082828
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA SIEMENS NETWORKS OY
Address of Applicant :KARAPORTTI 3, FI - 02610 ESPOO,
FINLAND Finland

(72)**Name of Inventor :**
1)HOOLI, KARI JUHANI
2)LUNTILA, TIMO ERKKI
3)PAJUKOSKI, KARI PEKKA
4)TIIROLA, ESA TAPANI

(57) Abstract :

The invention is related to an apparatus comprising: at least one processor and at least one memory including a computer program code, the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus at least to: reserve at least substantially equal number of modulation symbols for uplink control information symbols in each physical uplink shared channel transport block; create at least one layer-specific replica of the uplink control information symbols to be placed in some of reserved resources of the physical uplink shared channel transport blocks; and scramble uplink control information symbols including the symbols of the at least one layer-specific replica in a layer-specific manner for multiplexing the uplink control information with physical uplink shared channel data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.873/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PHOTOTHERAPY UNIT FOR TREATMENT OF HYPERBILIRUBINEMEA OR NEO-NATAL JAUNDICE OF MULTIPLE BABIES

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY KANPUR-208016 UP. INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJESH RANJAN
(61) Patent of Addition to Application Number	:NA	2)BASAVA KUMAR M
Filing Date	:NA	3)J. RAMKUMAR
(62) Divisional to Application Number	:NA	4)RAMAKRISHNA S.A.
Filing Date	:NA	

(57) Abstract :

This invention relates to a phototherapy unit for treatment of hjerbilirubinemea or neo-natal jaundice of multiple babies comprising a bottom casing with LED panel and reflector telescopically provided with a bottom tray, which is connected to a top tray with LED panel end reflector. A solar panel with connector can be connected to the unit for power backup. A single baby can be treated with double irradiation from both top and bottom panel. Single unit has flexibility for treatment of upto five babies at the same time - for both single and double phototherapy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.929/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A NOVEL B-PILLAR OF VEHICLE WITH VARIABLE STIFFNESS TO IMPROVE SIDE IMPACT

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Pinak Pratim Deb
(87) International Publication No	: NA	2)Sanjeev Kumar
(61) Patent of Addition to Application Number	:NA	3)Vikrant Gangwal
Filing Date	:NA	4)Chandra Sekar Raman
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a novel B-pillar of vehicle with variable stiffness to improve side impact comprising a shorter inner panel and inner reinforcement and novel door hinge reinforcement spot welded to each other. It is associated with the following advantageous features:- To improve side crash performance of vehicle. - Transfer of crash load to lower part of B-pillar due to less stiffness of B-pillar lower. - Meets target of B-pillar upper intrusion, B-pillar lower intrusion and intrusion velocity to fulfill the requirements of side impact performance. - Light weight thereby making the B-pillar cost effective. - Less number of spot welds, which results in less assembly time and cost.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4002/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : STABILIZED LIQUID NUTRITIONALS INCLUDING INSOLUBLE CALCIUM SALTS

(51) International classification :A23L1/304,A23C9/20,A23L1/29
(31) Priority Document No :61/726269
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070058
Filing Date :14/11/2013
(87) International Publication No :WO 2014/078509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ABBOTT LABORATORIES
Address of Applicant :Dept. 377/AP6A 1 100 Abbott Park
Road Abbott Park Illinois 60064 U.S.A.
(72)Name of Inventor :
1)VURMA Mustafa
2)TERRELL Andre
3)GRILLS Carman
4)BOFF Jeffrey
5)KONUKLAR Gul
6)HARTLINE Steven

(57) Abstract :

Disclosed are stabilized liquid nutritional compositions including stabilized infant formulas which comprise a first insoluble calcium salt a second insoluble calcium salt and an emulsifier. The first insoluble calcium salt and the second insoluble calcium salt have different average particle sizes. The stabilized nutritional liquids are stable emulsions with good mineral suspension. Methods of manufacturing the stabilized liquid nutritional compositions are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4003/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : SECONDARY ZINC MANGANESE DIOXIDE BATTERIES FOR HIGH POWER APPLICATIONS

(51) International classification :H01M10/054,H01M10/05
(31) Priority Document No :61/724873
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069166
Filing Date :08/11/2013
(87) International Publication No :WO 2014/074830
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
**1)RESEARCH FOUNDATION OF THE CITY
UNIVERSITY OF NEW YORK**
Address of Applicant :555 W. 57th St New York New York
10019 U.S.A.
(72)Name of Inventor :
**1)INGALE Nilesh
2)SHOLKLAPPER Tal**

(57) Abstract :

In an embodiment a secondary Zn MnO battery comprises a battery housing a MnO cathode a Zn anode and an electrolyte solution. The MnO cathode the Zn anode and the electrolyte solution are disposed within the battery housing and the MnO cathode comprises a MnO cathode mixture and a current collector. The MnO cathode mixture is in electrical contact with at least a portion of an outer surface of the current collector and the MnO cathode has a porosity of from about 5 vol.% to about 90 vol.% based on the total volume of the MnO cathode mixture of the MnO cathode.

No. of Pages : 67 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.46/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/01/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A NOVEL SCALABLE BOTTOM-UP METHOD FOR COST EFFECTIVE AND HIGH YIELD SYNTHESIS OF DOPED CARBON NANO-SHEETS

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY UTTAR
(33) Name of priority country	:NA	PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SANDIP CHAKRABARTI
(61) Patent of Addition to Application Number	:NA	2)OM PRAKASH SINHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel scalable bottom-up method for cost effective and high yield synthesis of doped Carbon Nano-Sheets The present invention relates to a bottom-up method for synthesis of doped carbon nano sheets. The method is extremely simple and uses only glycerol, concentrated sulfuric acid and little amount of melamine as reactants to produce nitrogen-doped multilayer carbon nano sheets in bulk. The synthesized N-doped carbon nano-sheets show dye removal efficiency of upto 99.87%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.897/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION OF URSODEOXYCHOLIC ACID AND METHOD OF PREPARATION THEREOF

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TIRUPATI MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :NAHAN ROAD, PAONTA SAHIB-
(33) Name of priority country	:NA	173205, DIST. SIRMOUR HP. INDIA Himachal Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHOK GOYAL
(87) International Publication No	: NA	2)DR. AMARJEET SINGH
(61) Patent of Addition to Application Number	:NA	3)NISHA GODAMBE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to taste masking of bitter drug ursodeoxycholic acid using ion-exchange resin. The invention also discloses a physico-chemical stable composition of ursodeoxycholic acid in suspension form and method of preparation thereof

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5027/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : MECHANICAL MODULE AND KEY

(51) International classification	:G07C 9/00
(31) Priority Document No	:10 2009 058 122.7
(32) Priority Date	:12/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/007487
Filing Date	:09/12/2010
(87) International Publication No	:WO 2011/069658
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JOHNSON CONTROLS TECHNOLOGY COMPANY
Address of Applicant :915 E 32ND STREET, HOLLAND, MI
49423, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)LAURENT MONTAROU

(57) Abstract :

The invention relates to a key and to a mechanical module, in particular for a key, comprising a body mounted on said body, the body including a first body portion and a second body portion, the first and second body portions being mechanically attached together via shape assembly, the first body portion including a base element and a complementary element, the complementary element making the shape assembly with the second portion, and the complementary element and base element being connected via a bonding or welding link.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.911/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD TO IDENTIFY M. TUBERCULOSIS

(51) International classification

:F25J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Vallabhbhai Patel Chest Institute

Address of Applicant :Vallabhbhai Patel Chest Institute,
University of Delhi, Delhi-110007, India Delhi India

(72)Name of Inventor :

1)Dr. Mandira Varma Basil

2)Kushal Garima

3)Shailendra Kumar Dhar Dwivedi

4)Rakesh Pathak

5)Professor Mridula Bose

6)Professor Rajendra Prasad

(57) Abstract :

The present invention relates to a kit and a method to identify M.tuberculosis.The method includes the following steps: a. isolating chromosomal DNA from a biological sample (Culture) b. conducting a real time PCR to obtain an amplicon c. digestion of said amplicon separately with restriction enzymes NruI and BamHI to obtain a digestion product d. Separating said digestion product into its constituents in an agarose gel; and e. Analyzing the restriction enzyme digestion pattern

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.931/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL FUEL INJECTOR FOR IMPROVEMENT IN DYNAMIC RESPONSE OF VEHICLE

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Hari Shankar Singh
(87) International Publication No	: NA	2)Naveen Tripathi
(61) Patent of Addition to Application Number	:NA	3)Takeshi Toyama
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a novel fuel injector for improvement in dynamic response of vehicle mounted on intake manifold of engine, wherein the injector comprising an elongated fuel outlet for injection of fuel, tip of which is provided with a plurality of perforations thereinside. It is associated with the following advantageous features:- - Improvement in performance of engine. - Thorough mixing of fuel with air. - Reduction in the distance between injection point and combustion chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6348/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPOSITE MATRIX

(51) International classification	:A61L31/10,A61L31/14	(71) Name of Applicant : 1)BIOMUP Address of Applicant :8 Alle Irène Joliot Curie F 69800 Saint priest France
(31) Priority Document No	:0906436	(72) Name of Inventor :
(32) Priority Date	:31/12/2009	1)GAGNIEU Christian
(33) Name of priority country	:France	2)FOREST Patricia
(86) International Application No	:PCT/EP2010/066328	3)PICOT Sylvain
Filing Date	:28/10/2010	
(87) International Publication No	:WO 2011/079976	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composite matrix that includes a reinforcing textile portion having two surfaces coated over at least 90% of the respective surface areas thereof by means of at least a first layer including at least one resorbable macro molecule and having a collagen content of between 50 and 100 wt% relative to the total weight of the first layer; the invention also relates to a prosthesis including such a matrix and to a method for preparing said matrix.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6349/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : UNIT AND DEVICE FOR THE PREPARATION OF CELLS AND/OR PARTICLES IN A LIQUID AND METHOD FOR MICROSCOPIC ANALYSIS

(51) International classification	:B01L3/00,G01N1/28	(71)Name of Applicant :
(31) Priority Document No	:09180191.0	1)F. HOFFMANN LA ROCHE AG
(32) Priority Date	:21/12/2009	Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2010/070185	(72)Name of Inventor :
Filing Date	:20/12/2010	1)FATTINGER Christof
(87) International Publication No	:WO 2011/076705	2)RIETMANN Ren
(61) Patent of Addition to Application Number	:NA	3)VOEGELIN Dieter
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A unit (10) for the preparation of cells contained in a liquid comprises a storage chamber (20) configured to store the liquid containing the cells and to release the stored liquid via an exit opening (22) upon the application of a predetermined external force in particular a centrifugal force. A passage (30) adjacently arranged to the exit opening (22) has a cross section larger than that of the exit opening (22). The wall at the transition from the exit opening (22) to the passage (30) forms an edge (32). The unit further comprises an observation member (50) for receiving the released liquid and an absorbing means (40) arranged adjacent to the observation member (50) between the passage (30) and the observation member (50). The absorbing means (40) has an aperture (42) allowing the released liquid to travel onto the observation member (50) and removes the liquid so as to leave the cells on the observation member (50) for observation.

No. of Pages : 41 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4021/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : MEDIUM VOLTAGE CONNECTION

(51) International classification :H01R13/53,H01R13/6584,H02G15/18
(31) Priority Document No:1219525.1
(32) Priority Date :30/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/072517
Filing Date :28/10/2013
(87) International Publication No :WO 2014/067902
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EATON INDUSTRIES (NETHERLANDS) B.V.
Address of Applicant :Europalaan 202 NL 7559 SC Hengelo
Netherlands
(72)Name of Inventor :
1)GEUSENDAM Paulus

(57) Abstract :

The invention relates to a medium voltage connection comprising: a first conductor and a second conductor electrically attached to each other; a first isolating layer arranged around the first conductor and a second isolating layer arranged around the second conductor leaving an airgap between both isolating layers; an isolating rubber sleeve arranged between the first isolating layer and the second isolating layer to fill the airgap between the two isolating layers; wherein a conducting layer is arranged on the first isolating layer; and wherein the rubber sleeve is provided with a conducting portion which overlaps with the conducting layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4022/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 02/10/2015

(54) Title of the invention : VIBRATIONAL SPREADER BAR FOR SPREADING UNIDIRECTIONAL YARNS

(51) International classification :B05C1/08,D06M10/00,D06M10/04
(31) Priority Document No :61/739809
(32) Priority Date :20/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/076923
Filing Date :20/12/2013
(87) International Publication No :WO 2014/100586
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TEIJIN ARAMID B.V.
Address of Applicant :Velperweg 76 NL 6824 BM Arnhem
Netherlands
2)BARRDAY INC.
(72)Name of Inventor :
1)WILSON Jason
2)TOWERY Matt

(57) Abstract :

A fiber processing system includes a fiber spreader that has a spreader bar that extends in a lengthwise direction between first and second ends. The spreader bar carries at least one radiused surface between the first and second ends. At least one mechanical vibration device is operable to vibrate the spreader bar. The at least one mechanical vibration device is connected to input mechanical vibration into the spreader bar at a location between the first and second ends. A method for spreading at least one fiber bundle includes moving at least one tensioned fiber bundle over a radiused surface of the spreader bar. During the moving mechanical vibration is input into the spreader bar at a location between the first and second ends to transversely spread and flatten the at least one tensioned fiber bundle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.927/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN APRON SIDE MEMBER FOR IMPROVING VEHICLE PERFORMANCE FOR FRONTAL IMPACT

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Rahul R Bettakote
(87) International Publication No	: NA	2)Sanjeev Kumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an apron side member for improving vehicle frontal impact performance comprising atleast two sections, in which section with more stiffness adjacent to dash is connected to section with less stiffness adjacent to brace supporting head lamp. It is associated with the following advantageous features:- Better absorption of impact energy during frontal collision. Reduction in weight and cost of vehicle. Increase in number of deformation zones. Reinforcing of towing hook for purpose of vehicle towing.

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

(54) Title of the invention : CONSTRCTION - INSTANT AND ECONOMICAL BY MECHANIZATION/USE OF NEW JIGS & FIXTURES REQUIRING SHUTTERING/NO SHUTTERING AT ALL

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURESH CHAWLA
(32) Priority Date	:NA	Address of Applicant :R/O B-1/411 JANAK PURI, NEW
(33) Name of priority country	:NA	DELHI - 110058. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURESH CHAWLA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

1. This invention of Constructions-instant & economical by mechanization/ use of new jigs & fixtures- requiring shuttering/no shuttering at all relates to construction of civil structures- buildings, flyovers and bridges etc at lower cost and in shortest possible time frame with higher efficiency as compared to present systems of constructions. The reinforcement binding can be economized by introducing rings for columns and beams over central pole/pole. The rings can be welded over slip pipe pieces which can be slipped over the pipes to build columns and beams in very short time. The rings can have U shaped pieces or spacers, pre - welded/pre fixed to rings at appropriate locations to receive the reinforcement bars for tying to it. The shuttering for columns can be bound after fixing spacers made out of steel bars welded on outer surfaces of rings for providing gap and cap over the rings. The shuttering made in modules can be tied together by nut & bolts fixed on rings or by pipe spacers having another pipe of smaller diameter slipped in to the spacers pipe of larger length with grooves. The inner pipes can be pierced through the shuttering boards for driving the wedges in to grooves to keep the shuttering boards tight to introduce cement concrete mixture. The reinforcement of walls can again be built in short time if vertical pipes with holes at appropriate heights are placed at appropriate locations . The horizontal pipes are fixed to vertical pipes at appropriate heights as per design requirements -to form a grid of the center line of walls or civil structure. The horizontal pipes are further fixed to central pole or pipe of vertical columns. The binding of walls and columns thus form center line of the structure and an internal infrastructure of the building or civil structure. Once the center line shell is ready, slip pipes with holes having spacers as per width of the walls - attached to it can be introduced over the vertical pipes. Wedges can be fixed in holes of slip pipe pieces and the vertical pipes to form internal infrastructure for shuttering boards to rest on the spacers at appropriate spacing to form boxes for introduction of cement concrete mix. The shuttering boards etc can be held together by use of more spacers other than the spacers used in pipe pieces. The same system of pipe spacer can be used for columns, beams and other structures. The central infrastructure or pipe grid can have pre-designed reinforcement tied to it in center or on sides or welded mesh tied to it for reinforcement requirements for reinforced cement concrete (RCC) walls. Even insulation boards etc can be fixed on one side or both sides of reinforcement. The external boards and internal boards can be fixed to central infrastructure in turns. The internal board can be fixed first with hooks / steel wires etc or magnets to receive all services fixed to its internal side facing internal pipe infrastructure as per the designs. To fix all services the support of the space in between the board and reinforcement bars or welded mesh can be taken for proper placement of services in required locations. The roof can be self supporting by use of tee sections /other sections of steel- placed at appropriate locations on vertical pipes of walls as per design requirements with rectangular /round bars welded to it on extruding side of tee. The grid so formed can be placed with flat side of tee on top and round bars/square bars at the bottom of T section. The grid can be placed on the walls infrastructure. The square or rectangular bars can have welded mesh with least spaces in between the wires of the welded mesh. The welded mesh can be fixed by welding etc. to round or square boards from bottom to receive the cement concrete mix for roofing. The spaces in closely built welded mesh can be filled first by cement mixture or m by other methods. Roofs can also be built by first pouring cement concrete mix in walls, once walls are ready in twelve hours or so, holes can be provided at top of walls while casting the walls for pipes and steel structure to extrude out of walls for external scaffolding and to rest shuttering on pipes or steel structure placed in between the holes in the walls at the top. Usual reinforcement can be placed with services for pouring cement concrete mix and to wait till the roof is solid enough for pipes, steel structure and shuttering to be removed from top of walls of each floor while other activities carry on as usual. Doors and windows duly painted with frames and all fittings can also be fixed to internal infrastructure while pouring cement concrete mix itself by welding steel sheet frames/ aluminum sheet frames of the size of doors and windows with the width of the sheets exceeding the width of doors and windows frames but not more than the size of the walls to seal the area in between width of door /window frames and shuttering area - where cement concrete mix has to be introduced. Stone slabs can also be fixed in between door window frames and walls to be casted. The external cladding & tiles can be fixed to internal infrastructure at required locations by forming frames out of angle or tee section placed at appropriate spacings both ways having welded mesh of appropriate size -welded to frame . The frame so formed can be placed in horizontal plane to place all the tiles/stone pieces as per design on the welded mesh. Once all the tiles/ stone pieces are placed neck to neck, another frame of same sizes and design can be placed on the first frame. Both frames can be held tight by nut bolts/screwing together from top and sides through extruded pieces, having holes- welded to frames. The internal frame with tiles/stone pieces can be fixed at required location of the buildings .The tiles/stone pieces can act as shuttering for cement concrete mix. The internal frame can also have hold fasts going inside the internal infrastructure. Once cement concrete is introduced the tiles/stone pieces in touch with the cement concrete mix get fixed permanently after 12 hours or so along with internal frame. After setting of cement, the external frame can be removed by unscrewing or removing nut bolts. For raft foundations, modules of cubicles in structural steel with rectangular top or square top with height as per the design required can be prebuilt in work shops with reinforcement bound in place by welding or through u shaped pieces placed at appropriate locations as per the designs, the reinforcement bars can extrude in all directions in horizontal plane. The modules can be joined by nut bolts to form a flat foundation structure and the extruding bars can also be tied together, the columns in steel structure having reinforcement prebuilt in it can be placed and tied to the flat surface with bent reinforcement bars at bottom as per the requirements of the design. For rapid road constructions, frames of channels / other sections / flats of appropriate size in width can be manufactured as per contour of the road in modules with nut bolts etc extruding out of frames for binding together the modules in length and breadth. The frames can have single layer or multiple layers of reinforcement tied to it through holes provided in the frames for expansion or welded to frames as per the requirements of the design. The modules can be placed on the flat surface of earth created before laying the modules. Once each module is placed, cement concrete mix can be introduced in the frame by manual labor or through the pumps mounted on trucks to create flat surface of road on top. For roads in hills, flat sections of steel can be used for sides of road to form the contour easily by bending the flats as per the site condition and welding the reinforcement to repeat the process of pouring cement concrete mix. For flyover, bridges and other structures for elevated railway transport etc. the < ORIGIN/ V V columns can be created using methodology or columns for buildings while beams of the flyover, bridges and other structures can have self supporting /self loading steel structures , created as per the design of the bridge or flyover in modules or in single piece with the reinforcement prefixed in the self supporting structure to receive the cement concrete mix. The self supporting structures can have shuttering used for walls or columns etc. For footings foundations, the foundations can be prebuilt in steel sections with reinforcement bound as per the design provided for columns for buildings. The footing structure can be welded or fixed to columns of the building for quick constructions. The civil structures can also be built without the requirement of shuttering at all by welding welded mesh or by binding welded mesh on outer surfaces of structures where solid shuttering is required . The welded mesh can be welded or fixed on horizontal pipes fixed to spacers of the internal infrastructures. The welded mesh can be manufactured with very little spaces in between the wires. After the welded mesh has been fixed in outer surfaces the cement concrete mix can be introduced in the boxes formed by the welded mesh surrounding like the usual shuttering. Floating ports and floating RCC structures can be built in water bodies by using self supporting steel structures having reinforcement duly bound in it along with empty drums with air tight- closed lids placed in the structure at appropriate locations depending upon the structural designs to receive cement concrete mixture while outside of waters and pushing the structures in to the water after cement sets in or the exercise can happen on barges in water itself. Floor tiles/stone slabs can also be fixed like wall tiles except that the modules of upper frames & lower frames containing tiles /stones slabs can be horizontal and frames containing floor tiles /stone slab frames can be laid on cement concrete mix pre-laid before lowering the frames. Segmented R.C.C. poles can be manufactured using male female pipes on periphery of which reinforcement can be bound and cement concrete mixture poured in such units in steel moulds

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6393/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROBIOTIC BIFIDOBACTERIAL COMPOSITION IN ACCORDANCE WITH SECRETOR BLOOD GROUP STATUS

(51) International classification	:A61K39/05
(31) Priority Document No	:20096400
(32) Priority Date	:28/12/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/051093
Filing Date	:28/12/2010
(87) International Publication No	:WO 2011/080395
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUOMEN PUNAINEN RISTI VERIPALVELU
Address of Applicant :Kivihaantie 7 FI 00310 Helsinki
Finland
(72)**Name of Inventor :**
1)WACKLIN Pirjo
2)M.,TT- Jaana
3)M.,KIVUOKKO Harri

(57) Abstract :

The present invention relates to a probiotic composition which is tailored based on the spectrum of bifidobacteria found in the intestine of at least one individual with non secretor blood group phenotype. The present invention further relates to a method of tailoring a probiotic composition based on the bifidobacteria found from the intestine of at least one non secretor individual.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.930/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN ASSEMBLY FOR HOLDING BATTERY, COOLANT BOTTLE AND BATTERY HARNESS IN A VEHICLE.

(51) International classification	:B05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Varun Menon
(87) International Publication No	: NA	2)Anoop Singh
(61) Patent of Addition to Application Number	:NA	3)Srivats Pant
Filing Date	:NA	4)Vikrant Gangwal
(62) Divisional to Application Number	:NA	5)Rajat Handa
Filing Date	:NA	

(57) Abstract :

This invention relates to an assembly for holding battery, coolant bottle and battery harness in a vehicle comprising a tray for battery connected with an integrated assembly of brackets for battery harness and coolant bottle. It is associated with the following advantageous features, Handling of less number of parts compared to prior art. Less weight due to uniform thickness, thereby making it cost effective. More rigidity of brackets. Less time for assembly. Achievement of assembly accuracy. Satisfies CAE simulations.

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

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1022/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTEGRATED MULTI-GEAR ELECTRICAL OPERATING MECHANISM FOR MOLDED CASE CIRCUIT BREAKER.

(51) International classification	:H01M 10/46	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAMIR KUMAR
(87) International Publication No	: NA	2)BHUVANESWARI MOHANRAJ
(61) Patent of Addition to Application Number	:NA	3)PRAKEET I SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an integrated multi-gear electrical operating mechanism (100) for a molded case circuit breaker (200). The integrated multi-gear electrical operating mechanism (100) operates the molded case circuit breaker (200) to any one of ON and OFF positions in any of an automatic operation and a manual operation. The integrated multi-gear electrical operating mechanism comprises a motor, a spring (10), a latching system, a toggle system and an integrated multi-gear assembly. The integrated multi-gear assembly is arranged in a way to achieve effective space utilization, higher reduction from the available lower torque motor to deliver higher torque.

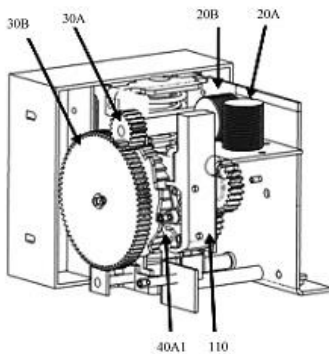


Figure 3

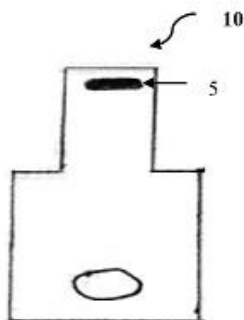
No. of Pages : 24 No. of Claims : 4

(54) Title of the invention : CONDUCTOR-TERMINAL STRENGTH IMPROVEMENT BY LOCKING.

(51) International classification	:B63B	(71)Name of Applicant :
(31) Priority Document No	21/50	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VIRENDER BURA
(61) Patent of Addition to Application Number	:NA	2)AMIT SINGH
Filing Date	:NA	3)AMOL SHIRKE
(62) Divisional to Application Number	:NA	4)POOJA BINZANI
Filing Date	:NA	

(57) Abstract :

Disclosed is a cable terminal box assembly. The cable terminal box assembly comprises a terminal, a cable and a box clamp. The cable includes at least one conductor that is adapted for securely entering in the terminal. The at least one conductor includes a flange that locks into a corresponding groove on the box clamp for improving slipping strength between the at least one conductor and the terminal and thereby making the cable bear high pressure during a pullout test and a short circuit testing of a molded case circuit breaker. Figures 1a-1b

**Figure 1a**

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1024/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENCAPSULATED FUSE ELEMENTS FOR A HRC FUSE.

(51) International classification	:H02J 7/04	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(33) Name of priority country	:NA	001, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEEPAK KUMAR VERMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a high rupturing capacity fuse. The high rupturing capacity fuse comprises at least two end plates, at least one encapsulated fuse element and an insulating body housing the at least one encapsulated fuse element. The insulating body is made up of a ceramic material having low alumina content and filled with a compacted sand that solidifies due to melting of the at least one fuse element under an abnormal current condition to cool an arc thereby preventing rupturing of the insulating body. The at least one fuse element has higher strength and higher thermal expansion coefficient to counteract the problem of damage to the insulating body. The insulating body having lower alumina content is cheaper to produce and easier to use.

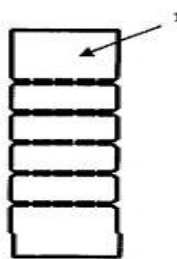


Figure 1

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

(54) Title of the invention : FASTENING MEMBER

(51) International classification	:F16B35/06, F16B39/284, B23K20/12	(71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KAUSHIK LAYAK
(33) Name of priority country	:NA	2)JAGDISH MANE
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a fastening member for attaching panel members of a vehicle. The fastening member comprises a grommet portion having a hole. The grommet portion is adapted to be inserted in a hole on a first panel member of the vehicle. An engagement portion is provided in the fastening member, and is connected to the grommet portion. The engagement portion is provided with a hole aligned with the hole on the grommet portion. The engagement portion adapted to be engaged with a second panel member. The fastening member further includes an insertion element adapted to be inserted through an each of the engagement portion and grommet portion to engage the first panel member with the second panel member. FIG. 1

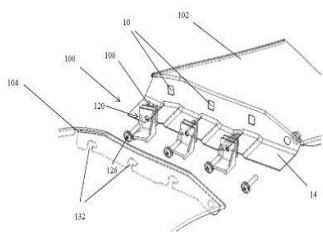


FIG. 1

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

(54) Title of the invention : PEAK CALIBRATION METHOD TO COMPENSATE THE TRANSIENT RESPONSE OF RC CIRCUIT

(51) International classification	:H03G3/00, H04R29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VEJLANI, Zainab
(61) Patent of Addition to Application Number	:NA	2)SHETTY, Shweta
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a peak calibration method to compensate the transient response of RC circuit. The method to enhance working of an electronic trip unit by no trip or nuisance trip at startup of said electronic trip unit due to erroneous current computation, using a firmware comprises of obtaining (402) at least one output of at least one signal conditioning circuit; analyzing (404) said at least one output obtained to generate at least one DC offset curve analyzed; generating (406) at least one DC offset curve generated based on said at least one output obtained; comparing (408) at least one DC offset curve analyzed with at least one DC offset curve generated thereby plotting a median value; and calculating (410) a current based on said median value.

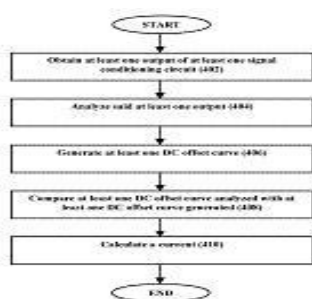


Figure 4

No. of Pages : 20 No. of Claims : 11

(54) Title of the invention : AN IMPROVED DOUBLE BREAK LOW VOLTAGE MOULDED CASE CIRCUIT BREAKER

(51) International classification	:H01H71/24, H01H73/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHANDRAN, Seena
(61) Patent of Addition to Application Number	:NA	2)SUVARNA, Lavanya
Filing Date	:NA	3)MAHAJAN, Amol
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an improved double break low voltage moulded case circuit breaker. In one implementation, the modular pole construction disclosed in current invention allows assembling one or multiple poles together to form a single or multi-pole breaker. This standardization simplifies assembly line/process and reduces the assembly cost and time. The pole modules (1) together with other modules, broadly mechanism module (27), chassis module (37), housing (38) forms the basic breaker (57). Now, depending upon whether Thermo-magnetic/electronic release breaker, the release unit/module (39) together with the basic breaker (57) to form full breaker (58).

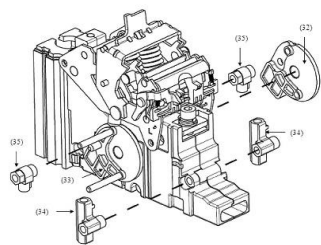


Figure 10

No. of Pages : 45 No. of Claims : 15

(21) Application No.1038/MUM/2014 A

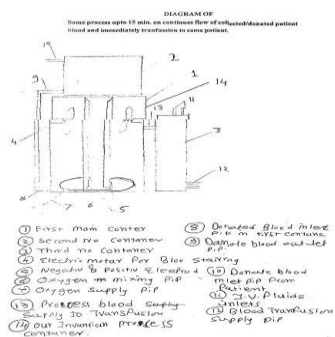
(43) Publication Date : 02/10/2015

(43) Publication Date : 02/10/2015

(71)Name of Applicant :
1)SANGRAM M. VELHAL
 Address of Applicant :R.S.NO. 995/2A, MOHITE PARK,
 KOLHAPUR-416012, MAHARASHTRA, INDIA. Maharashtra
 India
 (72)Name of Inventor :
1)SANGRAM M. VELHAL

(72)Name of Inventor :
1)SANGRAM M. VELHAL

In this invention some process upto 15 min. on continues flow of collected/donated patient blood and immediately tranfusion to same patient. We process disease blood like Tuberclosis, Dengyu, Malaria, Hepatatis, etc. and high blood colosteral and Blood sugar and Blood Cancer and related dise. We do some process on this blood upto 10 to 15 minutes on the continuous flow of blood in our invention containy Then we mix some infusion solution and blood send to transfusion to same patient immediately. By this invention the conservation of antibiotic,money and time period and also on medicine and antibiotic resistance disease.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1105/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR COOLING A DEVICE

(51) International classification	:G06F1/20, H05K7/20	(71)Name of Applicant : 1)CONTROL TECHNIQUES LTD
(31) Priority Document No	:1308014.8	Address of Applicant :The Gro, Pool Road, Newtown, SY16
(32) Priority Date	:03/05/2013	3BE United Kingdom U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:NA	1)KURPIEWSKI John Paul
Filing Date	:NA	2)HART-SHORT Simon David
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of cooling devices generating heat is described, which includes monitoring temperature and automatically operating cooling means at a first rate if the monitored temperature rises above a first temperature threshold and automatically at a second increased rate if it rises above a second temperature threshold. System is also described comprising temperature monitoring means a cooling means, and a controller for operating the cooling means. The controller operates cooling means at a first rate if the temperature rises above a first temperature and at a second increased rate if temperature rises above a second temperature. The point at which monitored temperature reaches the second threshold may be delayed by operating cooling means at a first rate prior to operating the cooling means at an increased second rate. In applications in which short periods of relatively high heat generation are experienced, the overall noise generation is reduced.

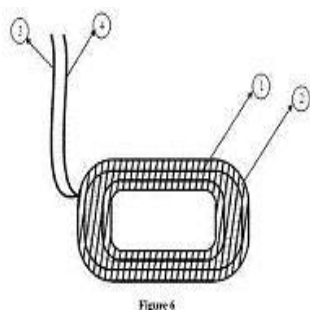
No. of Pages : 27 No. of Claims : 23

(54) Title of the invention : AN APPARATUS AND METHOD THEREOF FOR A ROGOWSKI COIL WITH VARIABLE CROSS-SECTION CORE IN CIRCUIT BREAKERS

(51) International classification	:G01R15/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PHILIP, Anoop
(61) Patent of Addition to Application Number	:NA	2)PUROHIT, Reshma, K
Filing Date	:NA	3)RAJAMANI, Suraj
(62) Divisional to Application Number	:NA	4)MAJEETH, Samsudeen
Filing Date	:NA	

(57) Abstract :

Disclosed is a Rogowski coil with variable cross-section core in circuit breakers. The present invention provides a Rogowski (current measuring coil) with variable cross section core which provides enhanced secondary output at reduced volume. The present invention describes a Rogowski coil with variable cross-section core which provides enhanced output which is advantageous at low current ratings or space constraint issues, and less sensitive to external disturbances. In one implementation, a current sensing coil, in particular transformer, conductor and a circuit breaker trip unit, characterized in that former (1) with a variable cross-section core; and at least one winding (2) is formed with a start point (3) and an end point (4) of said at least one winding; wherein said at least one winding (2) is wound on core of said former (1).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1044/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A CONTACT LOCKING MECHANISM OF A CIRCUIT BREAKER

(51) International classification	:H01H9/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ROY, Jibanesh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an improved contact locking mechanism of a circuit breaker. The present invention provides an improved contact system by addition of contact locking feature by virtue of a toggle mechanism as shown in figures. The moving (upper) contact (2) is assembled in driveshaft (1) with the help of a pin called contact pin (4) as shown in figures. The spring cage (5) is also assembled in driveshaft (1) with the same contact pin (4). One compression spring (6) is placed between the spring cage (5) and the moving (upper) contact (2) taking toggle pin (3) as its axis. The toggle pin (3) is placed in slot provided in the spring cage (5) and also attached to the moving (upper) contact (2) by the pivot pin (7).

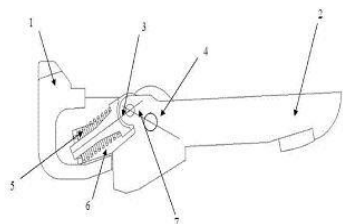


Figure 1

No. of Pages : 20 No. of Claims : 14

(54) Title of the invention : REGENERATIVE SUSPENSION IN COMMERCIAL VEHICLE -BOGIE SUSPENSION ON TANDEM AXLES

(51) International classification	:B60K1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Varatharajan Senthilkumaran
(61) Patent of Addition to Application Number	:NA	2)Shripadraj Ramchandra Ponkshe
Filing Date	:NA	3)Suresh Arikapudi
(62) Divisional to Application Number	:NA	4)G Raghvendra
Filing Date	:NA	5)P Premlal

(57) Abstract :

TITLE: A REGENERATIVE SUSPENSION DEVICE AND SYSTEM FOR A VEHICLE • ABSTRACT OF THE DISCLOSURE
Embodiment of the disclosure relates to regenerative system. In particular the disclosure relates to energy generation from suspension of a vehicle. The regenerative suspension system (200) in the vehicle is provided at tandem axles. During the tandem axle bump or rebound conditions of the HCV the vertical suspension motion is partly dampened by leaf spring and rest motion is seamless transferred from live axle (3) to the dead axle (4). During this action, the link rod (20) is displaced in directions X or -X and thereby the electromagnets (19) connected to the link rod (20) are also displaced in the directions X or -X. The movement of the electromagnets (19) linearly creates or regenerates current in the coils (18) which can further be stored in the battery (21). Figure 6

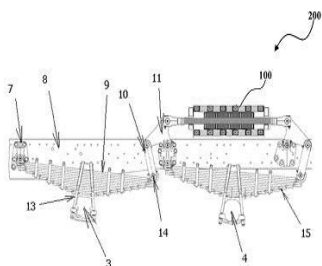


Figure 6

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

(54) Title of the invention : SPRING ASSISTED BONNET HINGE

(51) International classification	:B62J 17/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R&D CENTER, AUTO SECTOR, 89,
(33) Name of priority country	:NA	M.I.D.C., SATPUR, NASHIK - 422007 MAHARASHTRA,
(86) International Application No	:NA	INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SACHIN SUDHAKAR MOHITE
(61) Patent of Addition to Application Number	:NA	2)KIRAN ARJUN PEKHALE
Filing Date	:NA	3)RAJESH SHASHIKANT SHIRKE
(62) Divisional to Application Number	:NA	4)NILESH PREMRAJ INGALE
Filing Date	:NA	

(57) Abstract :

Disclosed is a hinge mechanism (100) for a bonnet of a vehicle. The hinge mechanism (100) comprises a lower hinge member (30), an upper hinge member (40), at least two hinge links (50, 60) and a tension spring (70). The spring assisted upper hinge member (40) moves with respect to the lower hinge member (30) to result in opening of the bonnet with reduced lifting effort by the user. The hinge mechanism (100) requires less space for packaging inside a vehicle body without requiring any modification of the vehicle body.

Figure 4

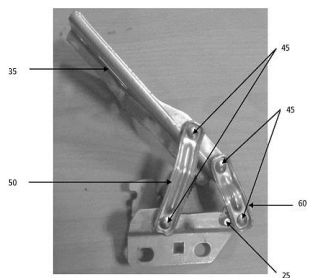


Figure 4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1052/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

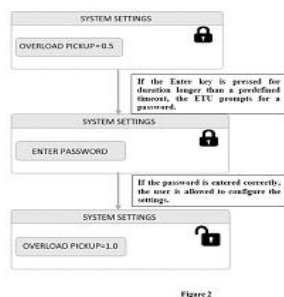
(43) Publication Date : 02/10/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR RESPONSE TIME BASED ACCESS FOR SETTING OF CIRCUIT BREAKERS

(51) International classification	:H01H 71/00, H01H 9/00, G06F19/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)AGARWAL, Vivek
(33) Name of priority country	:NA	2)TANDON, Garima
(86) International Application No	:NA	3)SHAIKH, Usufe
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system and method for response time based access for setting of circuit breakers. The present invention relates to electronic trip units of circuit breakers and display modules connected to it to provide an interactive user interface for easy monitoring and parameterization. The display module provides user with the flexibility of viewing the various parameters and settings applied and allows the authorized user to change the settings by providing password protected access. An electronic circuit breaker (100) as proposed system comprises of a display (102) electrically coupled to a microcontroller (106) to communicate with a trip mechanism (108) of said electronic circuit breaker (100), wherein the microcontroller (106) being programmed to respond to said communication, wherein said display (102) enables a user to view pre-set settings and change said pre-set settings by means of a setting menu tab (104) provided on said display (102).



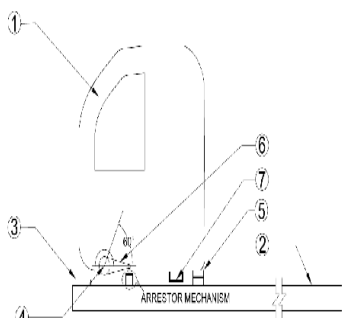
No. of Pages : 15 No. of Claims : 9

(54) Title of the invention : AMECHANISM FOR SUPPORTING AND REGYULATING MOVEMENT OF A CLOSURE OF A VEHICLE

(51) International classification	:F16K1/36, F16K1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ATUL MADHUKARRAO KAJALKAR
(61) Patent of Addition to Application Number	:NA	2)GAUTAM ASHOK PINGLE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a mechanism for supporting and regulating movement of a closure of a vehicle. The mechanism comprises at least one hydraulic actuator assembly configurable on the vehicle frame, wherein the at least one hydraulic actuator assembly is adapted to support the closure in an open position and control the movement of the closure between open position and close position. A link comprising a first end and a second end, wherein the first end of the link is pivoted to the vehicle frame and the second end of the link is fixed to a hydraulic actuator. The link is adapted to operate the hydraulic actuator based on the movement of the closure. FIG. 1



No. of Pages : 21 No. of Claims : 15

(54) Title of the invention : IMPROVED POWER SUPPLY FOR I TO V CONVERTER

(51) International classification	:G05F3/16, G05F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHAIKH , Usufe
(61) Patent of Addition to Application Number	:NA	2)SHETTY , Shweta, U.
Filing Date	:NA	3)DESHMUKH, Vinod
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an improved microcontroller based pulse width modulation circuit and method thereof for a circuit breaker. The proposed invention is used for supply voltage regulation in microcontroller based electronic trip unit of circuit breakers. The microcontroller used has an internal analog comparator and digital to analog converter (DAC). The potential divider circuit is used to step down the supply voltage and this is given to the positive terminal of the comparator. The internal DAC of microcontroller is used to generate a threshold voltage and it is given as input to the negative terminal of the comparator. The output of the comparator is given to MOSFET gate. The Pulse Width Modulation (PWM) pulses generated by comparator are used for power supply regulation.

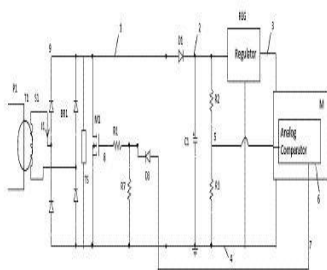


Figure 2

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

(54) Title of the invention : VIBRATION DAMPING ARRANGEMENT FOR A STEERING SYSTEM

(51) International classification	:B62D7/22, B62D1/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Shailesh Pandharinath Badadhe
(61) Patent of Addition to Application Number	:NA	2)Deepak Raghavendra Ravindra
Filing Date	:NA	3)Pagire Bhaskar Prakash
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a vibration damper or steering wheel system on the vehicle. The vibration damper mounting is for suppressing road input and engine vibration to improve ride and comfort suppressing steering vibration by providing vibration damper in steering wheel system. The vibration damper reduces and dampens steering vibration transferred on steering wheel to improve ride and comfort while driving vehicle. Also, embodiment of the present disclosure relates to vibration damper system (20) configured in a steering axle system in an automobile. The vibration damper system (20) comprises a piston (21) slidably mounted around the steering axle (22) and inside an outer tube (15) of the steering axle (22). An annulus gap (12a) is formed between the piston (21) and the outer tube (15); sealing means (13) mounted inside the outer tube (15) and at either sides of the piston (21) to configure closed compartments (A and B) on either side of the piston (21); wherein the closed compartments (A and B) are filled with hydraulic fluid, wherein the hydraulic fluid flows between the compartments (A and B) through the annulus gap (12a) in response to vibrations caused in the steering axle (22) to dampen the vibrations caused in the steering axle (22) of the vehicle. Fig. 1

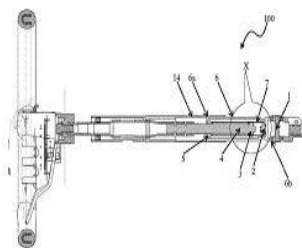


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1083/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CYLINDER HEAD ASSEMBLY FOR INTERNAL COMBUSTION ENGINES

(51) International classification

:F01L1/28

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :Bombay House, 24 Homi Mody Street,
Hutatma Chowk, Mumbai 400 001, Maharashtra, India
Maharashtra India

(72)Name of Inventor :

1)MANOJ M. JOSHI

2)J.S.V.V.S.S.L. VISWANATH

3)SIVANNARAYANA REDDY MURAM

(57) Abstract :

The present disclosure relates to a cylinder head assembly (100) for an internal combustion engine. The cylinder head assembly (100) includes a cylinder head (102) and a core plug (104). The cylinder head (102) includes a cylinder head coolant passage (106) configured therein. The core plug (104) plugs the cylinder head coolant passage (106). The core plug (104) has a first cylindrical portion (108) and a second cylindrical portion (110) extending from the first cylindrical portion (108), wherein the first cylindrical portion (108) has a bigger diameter than the second cylindrical portion (110). Figure 1

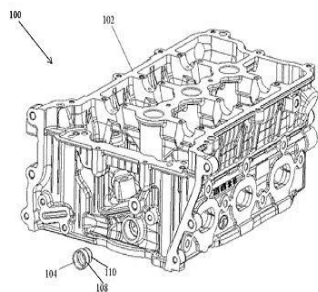


Figure 1

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

(54) Title of the invention : FLAT PLATE SOLAR COLLECTOR USING CONCENTRATING LENS ARRAY AND INSERT COILS

(51) International classification	:F24J2/46, F24J2/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G.H.Raisoni College of engineering
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(33) Name of priority country	:NA	Road,Nagpur Maharashtra-440016 Maharashtra India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Pravin Gajbhiye
(61) Patent of Addition to Application Number	:NA	2)Rupesh Shelke
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides the arrangement of solar concentration along with tracking system in flat plate collector can provide better efficiency. This system can provide hot water which is required in early morning hours. The system is equipped with the solar concentrating lens array fitted at the top cover transparent glass, insert coils, parabolic reflectors and a solar tracking system. The system is compact and can be installed in a small space where adequate sun light is available. The aim of this system is to provide warm water early in the morning hours. This will save the valuable electrical energy and can be promising alternative to electric water geezers. Further the system can be used for distillation process i.e. for ethanol distillation where temperature range is required up to 85°C. Following invention is described in detail with the help of Figure 1 of sheet 1 shows Two dimensional view of concentrating flat plate collector with dimensional details (All dimensions in mm and inch), Figure 2 of sheet 2 shows Dimensional details of Collector body structure, Figure 3 of sheet 3 shows Dimensional details of runner riser pipe structure with insert copper coils mesh.

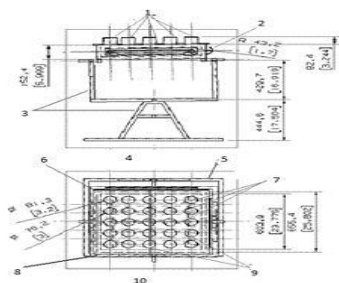


Figure 1

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1155/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : STATIC ON-LOAD TAP CHANGER USING RELAY WITH ISOLATED TRANSFORMER WINDING

(51) International classification	:G05F1/70, G05F1/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G.H.Raisoni College of engineering
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(33) Name of priority country	:NA	Road,Nagpur Maharashtra-440016 Maharashtra India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Mr. Ashwin K. Kheta
(61) Patent of Addition to Application Number	:NA	2)Mr. Anirudh A. Paliye
Filing Date	:NA	3)Mr. Amit Kumar Tiwari
(62) Divisional to Application Number	:NA	4)Mr. Rahul V. Bhandarkar
Filing Date	:NA	5)Prof. Yogesh D. Nagdeve

(57) Abstract :

The present invention relates to an a cost effective device with Static On-load Tap changer using relay with isolated transformer winding so as to protect the Domestic or Power Transformers from over load power. Tap changers have not changed radically since their invention in the early part of this century. They are slow in operation and require frequent maintenance. The traditional On-load tap changers usually insert resistance or reactance during the switching operation to limit the circulating current in the commutating taps. But the present invention as it is a Static device the losses are almost negligible as compared to conventional tap changer which is a mechanical device hence this is a high performing device. Following invention is described in detail with the help of Figure 1 of sheet 1 which shows Block Diagram and the Figure 2 of sheet 2 which shows Circuit Diagram.

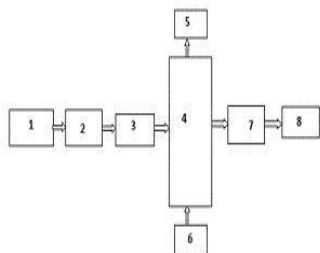


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2014

(21) Application No.1156/MUM/2014 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : AUTOMATIC FERTILIZER INJECTOR MACHINE FOR COTTON PLANTS

(51) International classification	:A01G31/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G.H.RAISONI COLLEGE OF ENGINEERING
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3,Digdoh
(33) Name of priority country	:NA	Hills,HingnaRoad,Nagpur Maharashtra-440016 Maharashtra India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Karankumar Chheniya
(61) Patent of Addition to Application Number	:NA	2)Akshay Kumar Jha
Filing Date	:NA	3)Agnibha Modak
(62) Divisional to Application Number	:NA	4)Mr. Pravin Motiramji Wanjari
Filing Date	:NA	5)Avinash Kumar

(57) Abstract :

Present invention provides specially device and methodology for the construction and working of Automatic Fertilizer Injector Machine for cotton plants. As the fertilization process in cotton plant is day long and time consuming process as it requires larger man power. The invention simplifies the whole process and saves time as well as labor cost. Invention completely works manually it do not requires fuel and external electric supply, it is eco-friendly. Invention requires only one operator for the process to be done. It takes the required power from the motion of the wheel of the machine. As the operator push the machine wheel rotates and axel on which wheel mounted also rotates and CAM arrangement on the shaft give the required motion to the mechanical hands which perform the operation. The idea is to devise Mechanical Hands which will injects the fertilizer around the roots of crops at pre matured stage .An injector mechanism is placed at each hand which will guide the injection of fertilizer in semicircular pattern around the crop. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the model of a Fertilizer injector machine.

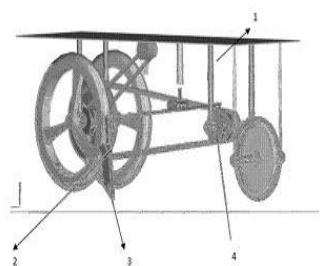


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1029/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PHASE BARRIER/PHASE INSULATOR IN MULTIPHASE CIRCUIT BREAKER

(51) International classification :H01L
29/732,H01H71/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LARSEN & TOUBRO LIMITED
Address of Applicant :LARSEN & TOUBRO LIMITED L&T
HOUSE, BALLARD ESTATE, MUMBAI-400001,
MAHARASHTRA STATE, INDIA Maharashtra India
(72)Name of Inventor :
1)PRANAV PUJARI

(57) Abstract :

Disclosed is a phase barrier/phase separator for multiphase circuit breaker. The phase barrier/phase separator includes an elongated body member having at least two windows configured thereon, an opening configured on the elongated body member for securing hardware thereto for fixing the elongated body member to a housing of the circuit breaker, and a plurality of protrusions configured on rear side of the elongated body member for click fitting the elongated body member to slots configured on housing of the circuit breaker. The phase barrier/phase separator further includes at least two walls. Each wall of the two walls extends outwardly from each side of the elongated body member.

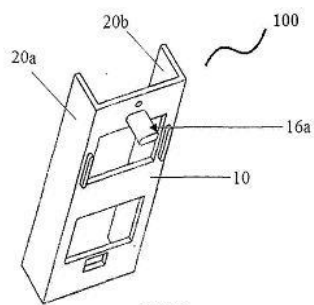


Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1095/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

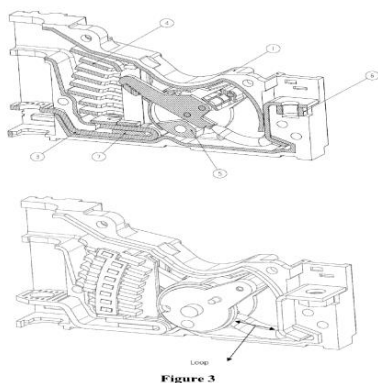
(43) Publication Date : 02/10/2015

(54) Title of the invention : A SINGLE BREAK LOW VOLTAGE MOLDED CASE CIRCUIT BREAKER

(51) International classification	:H01H71/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TOMAR, Brajesh, Singh
(61) Patent of Addition to Application Number	:NA	2)KASIVISWANADHAM, P.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The improved circuit breaker comprises of a first assembly (15), a second assembly (18), a third assembly (22), a fourth assembly (32), a fifth assembly (44), a sixth assembly (47), and a seventh assembly (50). The said sixth assembly (47) is a complete breaker assembly combining said first assembly (15), said second assembly (18), said third assembly (22), said fourth assembly (32), and said fifth assembly (44). Further, said sixth assembly (47) is configured to provide a hardware free assembly and flips locking of at least one moving contact.



No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1097/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

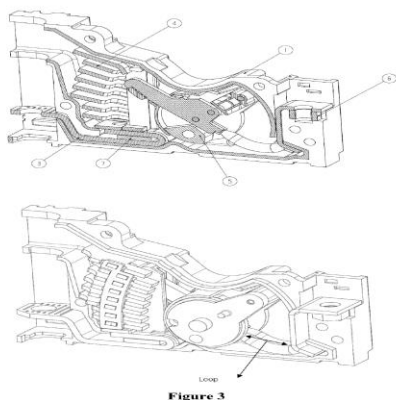
(43) Publication Date : 02/10/2015

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF PROSTAGLANDIN INTERMEDIATE

(51) International classification	:C07C405/00, C07F7/18	(71)Name of Applicant : 1)LUPIN LTD. Address of Applicant :159, CST Road, Kalina, Santacruz (East), Mumbai 400 098, Maharashtra Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)ROY, Bhairab Nath
(33) Name of priority country	:NA	2)SINGH, Girij Pal
(86) International Application No	:NA	3)LATHI, Piyush Suresh
Filing Date	:NA	4)MITRA, Rangan
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel, green • , cost effective industrial process for the preparation of prostaglandin intermediate [D] wherein P is protecting group and R is residual side chain, using reverse micellar solution as well as water in oil micro emulsion.



No. of Pages : 20 No. of Claims : 14

(54) Title of the invention : SELF POWERED COMPACT SENSOR WITH CURRENT AND VOLTAGE SENSING

(51) International classification	:H02H3/00, H01H71/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GUPTA, Mukul
Filing Date	:NA	2)RAJAMANI, Suraj
(87) International Publication No	: NA	3)DESHMUKH, Vinod
(61) Patent of Addition to Application Number	:NA	4)PUROHIT, Reshma
Filing Date	:NA	5)SUPEDA, Prahald
(62) Divisional to Application Number	:NA	6)MAJEETH, Samsudeen
Filing Date	:NA	

(57) Abstract :

The present invention provides a current sensor conjunction with isolated system voltage measurement module. The present invention provides an assembly of sensor(s) for sensing current and voltage in a circuit breaker. The assembly comprises: a self powered current sensor comprises a sensing coil, a magnetic core current transformer for sensing current through a magnetic field of the bus bar; a voltage sensor; a sensor box for enclosing the current sensor; wherein the sensor box comprises a cavity with a live clip means for accommodating the voltage sensor. The assembly isolating the voltage sensor from the live part(s) of the current sensor, thereby sensing the voltage level of the circuit breaker.



FIGURE 1

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

(54) Title of the invention : ARRANGEMENT OF PROTECTIVE INTERFACE IN CIRCUIT BREAKER

(51) International classification	:H02B 11/02, H02B1/38	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)REDDY, V, Ravi, Kishore
(33) Name of priority country	:NA	2)KASIVISWANADHAM, P
(86) International Application No	:NA	3)TOMAR, Brajesh, Singh
Filing Date	:NA	4)SONI, Aditya
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a double interface arrangement which utilize less space to provide IP even with higher angular travel of knob. Two interfaces along with the knob cover the entire area of opening space created during switching of breaker and provide IP. The arrangement comprises an ingress protection assembly comprises a first cover having at least one projection and a second cover having at least one slot; a front cover having at least one projection for sliding the ingress protection assembly. The movement of the ingress protection assembly along angular movement of a knob of the circuit breaker covering the opening space created during switching of the circuit breaker, thereby providing ingress protection to the circuit breaker.

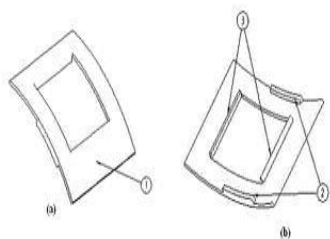


FIGURE 1

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

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF GLYCINE DECYL ESTER TRIFLUOROMETHANESULFONATE EXHIBITING LIQUID CRYSTALLINE PROPERTY.

(51) International classification	:A61K 31/575	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. M. M. V. RAMANA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI-400 098, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)NIKAM SHUBHANGI NITIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the synthesis of glycine decyl ester trifluoromethanesulfonate and its characterization as liquid crystal.



(Fig. 1) The optical texture of glycine decyl ester trifluoromethanesulfonate by POM during heating

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF GLYCINE NONYL ESTER TRIFLATE EXHIBITING LIQUID CRYSTALLINE PROPERTY.

(51) International classification

:C07H

7/04

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DR. M. M. V. RAMANA

Address of Applicant :DEPARTMENT OF CHEMISTRY,
UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(EAST), MUMBAI-400 098, INDIA. Maharashtra India

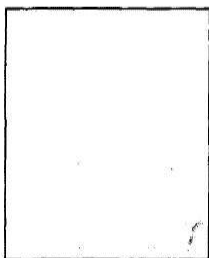
(72)Name of Inventor :

1)DR. M. M. V. RAMANA

2)NIKAM SHUBHANGI NITIN

(57) Abstract :

The present invention relates to the preparation of glycine nonyl ester triflate and its characterization as liquid crystal.



(Fig. 1) The optical texture of glycine nonyl ester triflate by POM during heating

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MICROBICIDAL COMPOSITION

(51) International classification :A01N31/08,A01N49/00,A61K31/045
(31) Priority Document No :61/567360
(32) Priority Date :06/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/074401
Filing Date :05/12/2012
(87) International Publication No :WO 2013/083580
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UNILEVER PLC

Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72)Name of Inventor :

1)CORNMELL RobertJoseph

2)DIEHL MeganAnne

3)GOLDING Stephen

4)HARP JohnRobert

5)STOTT IanPeter

6)THOMPSON KatherineMary

7)TRUSLOW CarolLynn

(57) Abstract :

A synergistic microbicidal composition containing: (a) at least one microbicide selected from the group consisting of isopropyl methyl phenols and monosubstitutedphenols and (b) at least antimicrobial alcohol is selected from the class consisting of acyclic terpene alcohols.

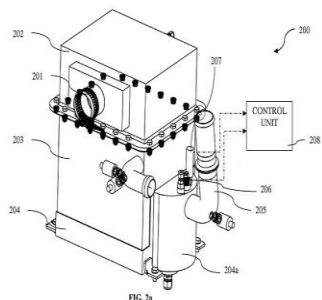
No. of Pages : 68 No. of Claims : 11

(54) Title of the invention : AN AIR HUMIDIFICATION SYSTEM OF A FUEL CELL SYSTEM

(51) International classification	:H01M8/04, F24F6/02, F28F25/02	(71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Yogesha Sankenhalli Annegowda
(86) International Application No	:NA	2)Raja Munusamy
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to an air humidification system for a fuel cell stack. The system comprises a filter unit for humidifying air. The filter unit comprises an air intake manifold fluidly connectable to an air compressor of the fuel cell stack for supplying the air from the air compressor to the filter unit, and at least one water dispensing tube fluidly connectable to a dosing pump is provisioned inside the filter unit for humidifying the air, wherein a porous matrix sheet is wrapped around the at least one water dispensing tube for holding water. The humidification system also comprises at least one heat exchanger positioned below the filter unit, wherein the at least one heat exchanger receives the humidified air from the filter unit and conditions the humidified air by at least one act of cooling and heating the humidified air. FIG. 2a



No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1174/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : VOLTAGE SAMPLING THROUGH LEAF SPRING CONTACT FOR MCCB

(51) International classification	:H01H77/10, H01H73/02,H01H1/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LARSEN & TOUBRO LIMITED
Address of Applicant :L & T House, Ballard Estate, P.O. Box
278, Mumbai 400 001, State of Maharashtra, India Maharashtra
India
(72)**Name of Inventor :**
1)SONI, Aditya

(57) Abstract :

The present invention provides a system for voltage sampling in the circuit breakers. The system comprises: a voltage module; a leaf spring contact; the leaf spring contact operatively connected to the voltage module and the voltage module operatively connected to a release assembly; a electronic processing unit operatively connected to the leaf spring contact; a current transformer operatively connected in the release assembly. In the system, leaf spring contacts facilitate the voltage tapping from the respective conductors to voltage divider circuits/modules. Divider circuits will provide the signal to the electronic processing unit, which will eventually provide the tripping signal to the circuit breaker in any abnormal conditions to protect the entire electrical circuitry.

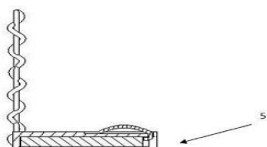


FIGURE 3

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

(54) Title of the invention : MECHANIZED POSITION LOCKING OF RAIL AND USER COGNIZANCE IN DRAW OUT TYPE CIRCUIT BREAKERS

(51) International classification	:H02B11/173, H02B1/21, H02B1/20	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)HEMNANI, Mohit
(33) Name of priority country	:NA	2)MORE, Vishal
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a Draw out type of circuit breaker supported on the rail assembly or any equivalent draw-out assembly, which may be an integral part of the Cradle assembly. The Cradle assembly (11) consists of the base plate (12), Racking assembly (13), side plates (14) for guiding breaker and rail assembly (15). Racking operation may be accomplished by the racking assembly mounted on the base plate (12). The rotation of detachable crank causes breaker to move in or out of the cradle depending upon the direction of rotation of crank i.e. whether it is a rack-in (clockwise) or rack-out (counter-clockwise) operation. When the racking handle is rotated in the clockwise direction, the breaker is racked in (Disconnected - Test - Connected) and on the other hand, when rotated in counter clock wise direction, the breaker is racked-out (Connected - Test - Disconnected).

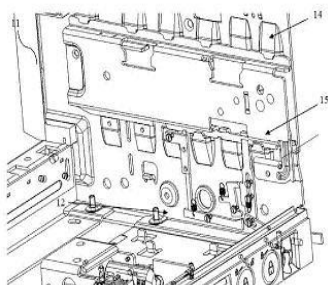


Figure 1

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

(54) Title of the invention : SYSTEM FOR VENTING AIR IN TOILETS

(51) International classification	:E03D9/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHWAKARMA KAVITA SATYENDRA
(32) Priority Date	:NA	Address of Applicant :No. 263, North Milliongunj Bandhaiya
(33) Name of priority country	:NA	Mohalla, Jabalpur 482002, Madhya Pradesh, India Madhya
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHWAKARMA KAVITA SATYENDRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses a system for venting air in toilets and urinal pot. The system for venting air in toilets comprises at least one catchment area, a waste disposal system, an exhaust pipe and an exhaust system. The catchment area is disposed in a room. The waste disposal system is connected to the catchment area. The exhaust pipe has one end connected to the waste disposal system and another end projecting outside the room in the atmosphere. The exhaust system is disposed at another end of the exhaust pipe for enabling venting of air disposed in the waste disposal system to the atmosphere. Fig.3

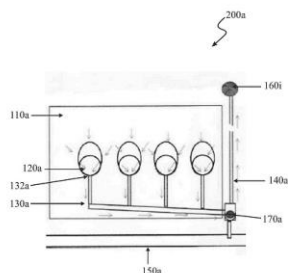


FIGURE 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1049/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PREPARATION OF POLYMER MODIFIED BITUMEN (PMB) FROM POLYETHYLENE TEREPHTHALATE (PET) DERIVED POLYAMIDO AMINE

(51) International classification	:C08L95/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Indian Oil Corporation Ltd.
Address of Applicant :G-9, Ali Yavar Jung Road, Bandra
(East), Mumbai-400 051, India Maharashtra India
(72)**Name of Inventor :**
1)BHATNAGAR, Akhilesh Kumar
2)PADHAN, Rabindra Kumar
3)GUPTA, Anurag Ateet
4)RAMAN, Naduhatty Selai

(57) Abstract :

The present invention relates a novel approach to prepare Polymer Modified Bitumen by using terephthalamide additives, derived from PET, for improving bitumen quality. Particularly, the present invention provides a process to utilize waste PET, which is a threat to environment and is available commercially in different physical forms, for conversion into industrially useful additive for bituminous product.

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

(54) Title of the invention : AN OIL GALLERY FOR AN ENGINE

(51) International classification	:F01B31/00, B23P15/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay house, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANOJ M JOSHI
(61) Patent of Addition to Application Number	:NA	2)VIKAS K HINGORANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure generally relates to an oil gallery of an automobile engine. The oil gallery system (100) comprising an inlet oil gallery (2) and an outlet oil gallery (8) configured in a cylinder block (1). A wall or restriction (5) configured in between the inlet oil gallery (2) and the outlet oil gallery (8) to block passage between the oil inlet gallery (2) and the outlet oil gallery (8). An oil cooler (6) is removably mounted onto the cylinder block (1) with the inlet oil gallery (2) connected to an oil inlet (3) of the oil cooler (6) and the outlet oil gallery (8) connected to oil outlet (4) of the oil cooler (6). The oil from the inlet oil gallery (2) passes into the oil cooler (6) and the outlet oil gallery (8) to enter oil filter (7). Fig. 2

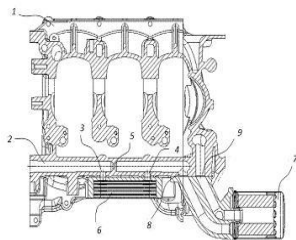


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1115/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERLOCKING MECHANISM FOR WITHDRAWABLE MODULE OF SWITCHBOARD

(51) International classification	:H02B 11/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROHIDAS H. LASTE
(87) International Publication No	: NA	2)BHARAT N. MISTRY
(61) Patent of Addition to Application Number	:NA	3)PRAVEEN KUMAR S.
Filing Date	:NA	4)HARSHA R. DESHPANDE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Accordingly, the present invention provides an interlocking mechanism for a withdrawable module of a switchboard. The interlocking mechanism includes a mechanism handle and a short circuit protection device (SCPD). The mechanism handle of the present invention prevents an engagement of power contacts when the SCPD is ON and also, prevents an operation of the SCPD when the mechanism handle is inserted in the withdrawable module.

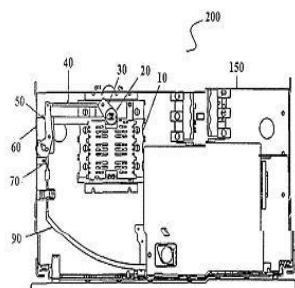


Figure 1

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1184/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PREPARING A MODIFIED RELEASE SOLID ORAL PHARMACEUTICAL COMPOSITION OF CYCLOBENZAPRINE OR SALTS THEREOF

(51) International classification	:A61K47/36, A61K31/195, A61K9/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Syed Moinuddin
(33) Name of priority country	:NA	2)Daga, Vishal Omprakash
(86) International Application No	:PCT//	3)Dabre,Rahul Sudhakar
Filing Date	:01/01/1900	4)Jain, Girish Kumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for preparing a modified release solid oral pharmaceutical composition comprising cyclobenzaprine or salts thereof. In particular, the present invention relates to a process for preparing modified release solid oral pharmaceutical composition comprising a single unit of mini-tablet comprising cyclobenzaprine or salts thereof in a matrix of one or more release modifying substances, which mini-tablet is coated with one or more water soluble and/or insoluble release modifying substances. The composition may provide extended and specific release of cyclobenzaprine or salts thereof to achieve therapeutically effective plasma concentration over a period of 24 hours to treat muscle spasm associated with painful musculoskeletal conditions when administered to a patient in need thereof. The invention further includes process of preparing such composition.

No. of Pages : 20 No. of Claims : 9

(54) Title of the invention : NETWORK CENTRIC DECISION ENGINE FOR REAL-TIME TRAFFIC OFFLOAD FROM CELLULAR TO WI-FI NETWORK

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	28/02	1)TECH MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR CORPORATE BLOCK,
(33) Name of priority country	:NA	PLOT NO. 1, PHASE III, RAJIV GANDHI INFOTECH PARK,
(86) International Application No	:NA	HINJEWADI, PUNE-411057, MAHARASHTRA, INDIA.
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)HRISHIKESH VENKATARAMAN
Filing Date	:NA	2)PRASHANT BAUSKAR
(62) Divisional to Application Number	:NA	3)AVINASH JOSHI
Filing Date	:NA	

(57) Abstract :

The embodiment of the present invention provides a computer implemented network centric system and method for real-time traffic offloading belonging to a plurality of subscribers from a cellular network to a Wi-Fi network. When the cellular network utilization is greater than certain threshold and if there is capacity available in the Wi-Fi network, then the present invention classifies the subscribers based on subscriber and network parameters and offloads them to the Wi-Fi network using adaptive dichotomic methodology. The proposed invention also analyzes any external interrupts with the pre-determined trigger rules and accords them highest priority for offload. Fig.1

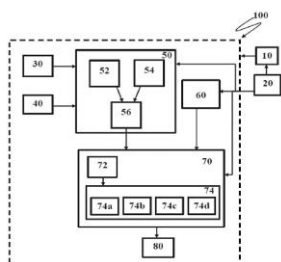


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1187/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODIFIED RELEASE SOLID ORAL PHARMACEUTICAL COMPOSITIONS OF CYCLOBENZAPRINE OR SALTS THEREOF

(51) International classification	:A61K47/36, A61K31/195, A61K9/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Syed Moinuddin
(33) Name of priority country	:NA	2)Daga, Vishal Omprakash
(86) International Application No	:NA	3)Dabre,Rahul Sudhakar
Filing Date	:NA	4)Jain, Girish Kumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a modified release solid oral pharmaceutical composition comprising cyclobenzaprine or salts thereof. In particular, the present invention relates to modified release solid oral pharmaceutical composition comprising a core comprising cyclobenzaprine or salts thereof and one or more release modifying polymers, which core is coated with one or more water soluble release modifying polymers; wherein the coating is devoid of water insoluble polymers. The composition may provide extended and specific release of cyclobenzaprine or salts thereof to achieve therapeutically effective plasma concentration over a period of 24 hours to treat muscle spasm associated with painful musculoskeletal conditions when administered to a patient in need thereof. The invention also includes process of preparing such composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1188/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING MICROPARTICLES

(51) International classification	:A61K 9/00, A61K9/66	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Kumar, Mukesh
(33) Name of priority country	:NA	2)Kakade, Suhas
(86) International Application No	:NA	3)Markland, Peter
Filing Date	:NA	4)Jain, Girish Kumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided an improved process for preparing microparticles. More particularly, a process is provided for preparing microparticles having a selected release profile for release of drug contained in the microparticles. By subjecting the emulsion to multiple steps including quenching, fine removal by decantation, washing and de-watering in a single vessel followed by lyophilization that is performed during the preparation of the microparticles, good quality microparticles can be prepared. The process of manufacturing the microparticles according to the invention is simple, robust and requires relatively less control of processing parameters. Further, the resulting microparticles possess excellent shape uniformity, exhibiting lesser agglomerating tendency after intermediate stage drying and good flowability in case of dry powder vial filling.

No. of Pages : 44 No. of Claims : 14

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING MICROPARTICLES

(51) International classification	:A61K9/50, B01J13/02, C08J3/16	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Kumar, Mukesh
(33) Name of priority country	:NA	2)Kakade, Suhas
(86) International Application No	:NA	3)Markland, Peter
Filing Date	:NA	4)Jain, Girish Kumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided an improved process for preparing microparticles. More particularly, a process is provided for preparing microparticles having a selected release profile for release of drug contained in the microparticles. By subjecting the emulsion to multiple steps including quenching, fine removal by decantation, washing and de-watering in a single vessel followed by lyophilization that is performed during the preparation of the microparticles, good quality microparticles can be prepared. The process of manufacturing the microparticles according to the invention is simple, robust and requires relatively less control of processing parameters. Further, the resulting microparticles possess excellent shape uniformity, exhibiting lesser agglomerating tendency after intermediate stage drying and good flowability in case of dry powder vial filling.

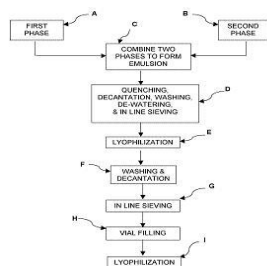


FIGURE 1: Flow diagram illustrating one embodiment of a method for preparing microparticles in accordance with the present invention

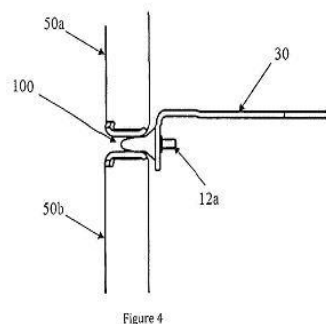
No. of Pages : 44 No. of Claims : 14

(54) Title of the invention : DEVICE FOR ALIGNING DOORS

(51) International classification	:B29C 73/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, 400 001, MAHARASHTRA
(86) International Application No	:NA	STATE, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HARSHA R DESHPANDE
(61) Patent of Addition to Application Number	:NA	2)ROHIDAS H. LASTE
Filing Date	:NA	3)PRASHANT J NAIR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a device for door alignment. The device comprises a body member having an opening adapted thereon for hardware to secure the body member to a fixed structure of a panel. The body member further comprises at least two projections configured on rear portion thereof. The projections are capable of being secured to slots provided in the fixed structure of the panel thereby restricting rotation of the body member when secured to the fixed structure. The device further includes an elongated member extending outwardly from front portion of the body member. The elongated body member includes a first tapering portion, a second portion extending outwardly from the first portion and a third chamfered portion extending from the second portion.



No. of Pages : 13 No. of Claims : 2

(54) Title of the invention : ASSEMBLY FOR PACKAGING ARTICLES

(51) International classification	:B65D 81/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, MUMBAI 400 001,
(86) International Application No	:NA	MAHARASHTRA STATE, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ROSHAN KADAM
(61) Patent of Addition to Application Number	:NA	2)PRANAV PUJARI
Filing Date	:NA	3)VIJAY V. BHANDARKAR
(62) Divisional to Application Number	:NA	4)DINESH R. KANNADKAR
Filing Date	:NA	

(57) Abstract :

Disclosed is assembly for packaging articles. The assembly comprising a base plate having a plurality of locators mounted thereon, and foam padding capable of being mounted over the base plate for absorbing shocks during transit The foam padding receives the article thereon. Further, the assembly comprises a carton being capable of mounted on the base plate. The carton is supported by the plurality of locators thereby arresting the movement thereof. Furthermore, the assembly includes the side padding configured inside the carton on at least two sides on the base plate. The side padding allows the carton to remain in fixed position. Moreover, the assembly includes a top padding. The top padding is being capable on mounting over the side padding once the article is placed inside the carton.

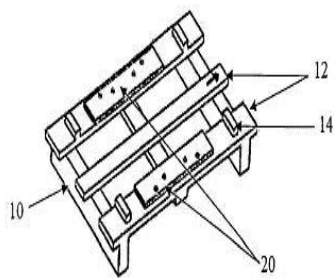


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1119/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PADDING ASSEMBLY FOR ELECTRICAL DEVICES

(51) International classification	:B60R 21/0134	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIJAY V. BHANDARKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a padding for holding electrical devices. The padding comprises a first side panel, a second side panel, a front panel, a rear panel, a top panel and a bottom panel. The top panel includes a first set of at least two extended portions for locking movement of the electrical device and the bottom panel includes a second set of at least two extended portions being pasted with a binder cloth for providing support to the electrical device resting thereon. The padding of the present invention is eco-friendly, sturdy, re-usable and cheaper than conventional padding.

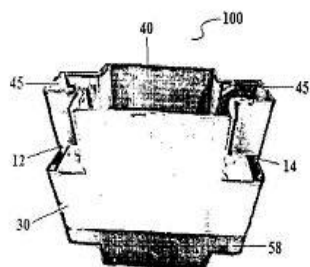


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1191/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A process for the preparation of Anagliptin

(51) International classification	:C07D487/04, A61K31/519	(71) Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT//	1)Reddy, Naveen
Filing Date	:01/01/1900	2)Naidu, Damodara
(87) International Publication No	: NA	3)Sharma, Pramodkumar
(61) Patent of Addition to Application Number	:NA	4)Rao, Bhatraju Srinivasa
Filing Date	:NA	5)Deo,Keshav
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a short and industrially advantageous process for the preparation of Anagliptin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1192/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

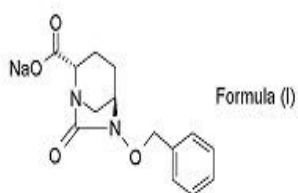
(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF SODIUM (2S, 5R)-6-(BENZYLOXY)-7-OXO-1,6-DIAZABICYCLO[3.2.1]OCTANE-2-CARBOXYLATE

(51) International classification	:C07D471/08, C07D211/60	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Patil, Vijaykumar Jagdishwar
(33) Name of priority country	:NA	2)Tadiparthi, Ravikumar
(86) International Application No	:NA	3)Birajdar, Satish
Filing Date	:NA	4)Shaikh Mohammad Usman
(87) International Publication No	: NA	5)Patel,Mahesh Vithalbhai
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of a compound of Formula (I) is disclosed.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1193/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A process for the preparation of intermediate of azole derivative

(51) International classification	:C07D319/08, A01P3/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(32) Priority Date	:NA	Aurangabad Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Khunt, Rupesh Chhaganbhai
Filing Date	:01/01/1900	2)Reddy, Rambhupal
(87) International Publication No	: NA	3)Rafeeq, Mohammad
(61) Patent of Addition to Application Number	:NA	4)Merwade, Arvind Yekanathsa
Filing Date	:NA	5)Deo,Keshav
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of intermediate of azole derivative. Further, the present invention relates to a process for the preparation of (2R)-2TM, 5TM-Difluoro-2-(3,4,5,6-tetrahydro-2H-pyran-2-yloxy)-propiophenone or a pharmaceutically acceptable salt thereof, which is a key intermediate of Isavuconazole.

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

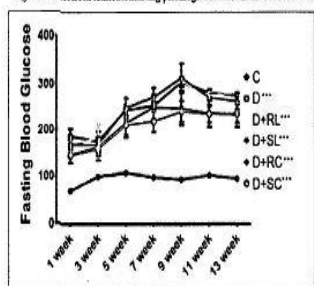
(54) Title of the invention : EFFECT OF LIPOPHILIC NUTRIENTS ON DIABETIC EYE DISEASES

(51) International classification	:A23C9/00, A23L1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OMNIACTIVE HEALTH TECHNOLOGIES LTD.
(32) Priority Date	:NA	Address of Applicant :OMNIACTIVE HEALTH
(33) Name of priority country	:NA	TECHNOLOGIES LTD. RAJAN HOUSE, APPASAHEB
(86) International Application No	:NA	MARATHE MARG, PRABHADEVI, MUMBAI-400025,
Filing Date	:NA	MAHARASHTRA, INDIA Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. JAYANT DESHPANDE
Filing Date	:NA	2)SHANKARANARAYANAN.J
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides use of composition containing molecular dispersions of lipophilic nutrients for delaying the development and maturation of eye related complications of diabetes by administering a composition containing lipophilic nutrients. More particularly, the present invention relates to a method of delaying the development and maturation of eye related complications of diabetes by administering a composition containing lutein and its isomers, lutein ester, zeaxanthin isomers, turmeric extract, curcumin or curcuminoids, derived from plant extract/oleoresin containing xanthophylls/ xanthophylls esters which are safe for human consumption and are particularly useful as dietary supplements for nutrition and health promoting benefits.

Figure1:Effectsoftreatmentonfasting plasma glucoseinSTZ-induceddiabeticrats.



No. of Pages : 56 No. of Claims : 17

(54) Title of the invention : AN ADJUSTABLE TOGGLE MECHANISM KIT FOR CONTROLLED RESETTING OF POLES IN ACB

(51) International classification	:H01H 71/00, H01H3/30	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)SENGUPTA, Himadri
(33) Name of priority country	:NA	2)MORE, Vishal
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an adjustable toggle mechanism for controlled resetting of poles in circuit breakers. The mechanism comprises: a spring holder bracket comprises an adjustable link; a main bracket; a locking pin; a toggle spring assembly comprises a spring holder; a guiding pin; a toggle spring member; and a pole shaft assembly. The mechanism reset the pole (s) in ON and OFF condition to facilitate closing and tripping of the circuit breaker.

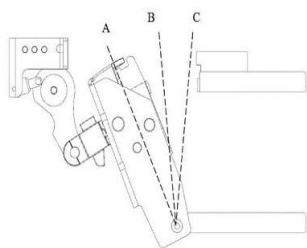


FIGURE 1

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

(54) Title of the invention : SHOCKPROOF PACKAGING PADS FOR MCCB

(51) International classification :B65D85/30
 (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

(71)Name of Applicant :
1)LARSEN & TOUBRO LIMITED
 Address of Applicant :L & T House, Ballard Estate, P.O. Box
 278, Mumbai 400 001, State of Maharashtra, India Maharashtra
 India
 (72)Name of Inventor :
1)KHATI, Pallavi, D
2)MURUKATE, Mohan, K

(57) Abstract :

A packaging assembly and apparatus for securing MCCB™s used widely in electrical power distribution is provided. By this the MCCB™s are snugly seated in the packaging assembly, which essentially consists of plastic padding (3) made of reusable and recyclable materials. The specialized packaging arrangement for MCCB™s ensures that while being transported, due to the action of external stresses, the corners and edges of the MCCB™s which are normally prone to breakage etc., are protected intact and the end user is able to get the MCCB™s in good working condition without breakage etc. The packaging arrangement, aids in such a manner that there exists a gap between the outer walls and the material of the MCCB which is snugly packed inside and thus, any external stresses caused during transportation of the cartons containing MCCB™s, is not transferred on to the product, thus averting damages especially to the edges of the MCCB™s.

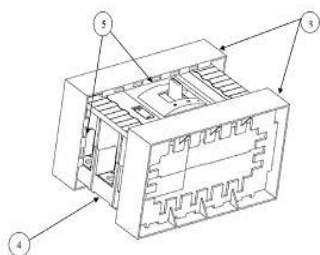


FIGURE 5

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1198/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INGRESS PROTECTION AND HANDLE FOR PLUG-IN MCCB

(51) International classification	:H02B11/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BALASUBRAMANIAM, Pradeepkumar
(61) Patent of Addition to Application Number	:NA	2)VELLANIKKARAN, Joseph
Filing Date	:NA	3)KARUNANITHI, Senthilkumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ingress protection and handle for plug-in MCCB is disclosed. In one implementation, a plug-in unit, for at least one circuit breaker, formed with at least one base so as to insert said circuit breaker into said plug-in unit, in use, is disclosed. The plug-in unit comprises at least two guides (1) in said at least one base;a mechanism to mounting said plug-in unit;at least one vertical offset;at least one mounting hole; a specialized IP cover with a hinge (6) at a side of said at least one base and at least one projection (7); a modular handle to couple with said circuit breaker; and a space (8) provided for a user to hold said handle and lift said breaker out of said plug-in base.

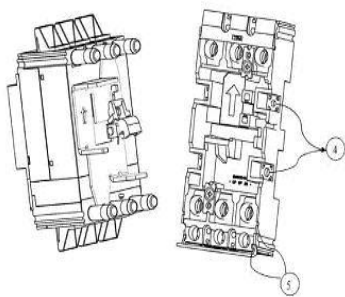


FIGURE 5

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : THE MODIFIED INCENSE STICKS FOR EASY TO FIRE.

(51) International classification	:F23D3/16, A01M13/00, A61L9/00, F23Q2/	(71)Name of Applicant : 1)BALASAHEB ASHOK GAYAKE Address of Applicant :AT/POST: MAHIRAWANI, SANKET WINE, DYNANESHWAR KHANDBAHALE, TRIMBAK ROAD, NASHIK-422 213, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALASAHEB ASHOK GAYAKE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the incense sticks for easy to fire. This modification eliminates the need of the match box to fire the incense sticks. The FIG.1 is a diagram of the modified incense sticks for easy to fire, comprises a coating on the head of incense stick that contains phosphorus as the active ingredient and gelatin as a binder 9. which can be struck against a specially prepared frictional surface provided on the packaging box. The FIG.2 is a diagram of the top view of the box of packing for modified incense sticks for easy to fire. The FIG.3 is a diagram of the side view of the box of packing for modified incense sticks for easy to fire comprises the frictional surfaces 5, to strike the incense stick to ignite. The head of the incense sticks will get ignite due to the heat produce by the friction between the phosphorus coating9 and prepared frictional surface5, provided on the packaging box.



No. of Pages : 6 No. of Claims : 3

(54) Title of the invention : METHOD OF DE-RATING THE SENSE SIGNAL IN CIRCUIT BREAKERS EMPLOYING AIR CORE SENSORS BY GAIN COMPENSATION TECHNIQUE

(51) International classification	:H02H3/00, H02H3/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUPEDA, Prahlad
(61) Patent of Addition to Application Number	:NA	2)JHAVERI, Rachit, Shailain
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of de-rating the sense signal in circuit breakers employing air core sensors by gain compensation technique is disclosed. In one implementation, a gain compensation technique for use in electronic trip unit of one or more circuit breaker employing a rating plug having a rating resistor, or set of resistors is disclosed. The gain compensation technique characterized by altering gain setting resistor value and a voltage divider resistor value in a signal conditioning circuit of said electronic trip unit.

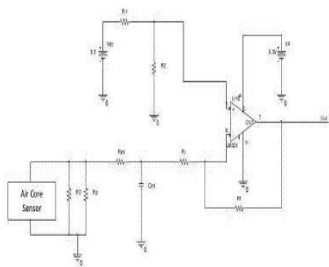


FIGURE 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1136/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : BIOMETRIC AUTHENTICATION FOR ACCESS TO ASSEMBLIES INSIDE A SWITCHBOARD AND TO CHANGE THE TRIP SETTINGS OF THE CIRCUIT BREAKERS INSIDE ALONG WITH LOW ZONE PROTECTION

(51) International classification	:G06F21/00, G06F21/20, G07C9/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)MUNGI, Ameya
(32) Priority Date	:NA	2)TANDON, Garima
(33) Name of priority country	:NA	3)SHAIKH, Usufe
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a biometric authentication for access to assemblies inside a switchboard. In one implementation, a system and method for biometric authentication for access to assemblies inside a switchboard and to change the trip settings of the circuit breakers inside along with low zone protection is disclosed. The method comprises of scanning at least one usersTM biometric credentials (106) upon receiving at least one instruction from said at least one user related to threshold settings; and providing, by a microcontroller (102) of a circuit breaker (100) an access to said threshold settings upon matching said scanned at least one usersTM biometric credentials (106TM) with at least one biometric credentials (106) pre-stored.

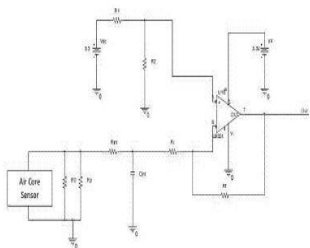


FIGURE 2

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

(54) Title of the invention : IMPROVED CIRCUIT BREAKING TECHNIQUE FOR MINIATURE CIRCUIT BREAKER

(51) International classification	:H01H71/74, H01H71/32, H01H73/04	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)CHANDRAN, Sandhya
(33) Name of priority country	:NA	2)SUBRAMANIAN, Venkatachalam
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an improved circuit breaking technique for miniature circuit breaker. The purpose of the disclosed invention is to protect the appliances and equipments from damage using circuit breakers to sense the fault in an earlier stage and quench the arc at lower current with lesser time, which leads to lower energy let through. Improved breaking using present invention can help in this regards. In one implementation, an improved circuit breaker (1) characterized in that having a fixed runner (19) held in position behind the fixed contact (15) comprising: a base rested on a common breaker housing (2), a flat surface (24) on a magnetic core (18),and slanting surface (23) aligned to said fixed contact (15).

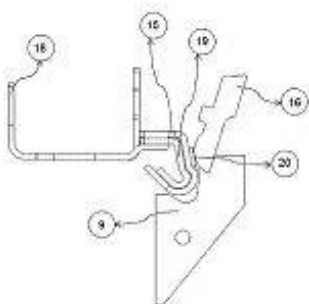


FIGURE 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1050/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CARBURIZING METHOD FOR MECHANISM COMPONENT

(51) International classification	:C21D11/00, C23C 8/00, C21D3/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)JENA, Sushil, Kumar
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the carburizing process of latch, and more particular to heat treatment process of mechanism component to increase the service life. The present invention provides a method for carburizes heat treatment of low carbon steel to increase the wear resistance, strength and minimum distortion of component, by carburize in gas. The present invention reducing or eliminating the susceptibility to cracking and another advantage of in molten salt is the control of surface carburizing or decarburizing.

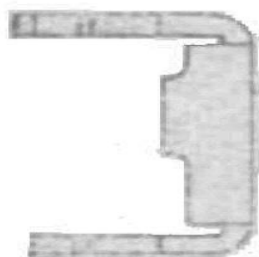


FIGURE 1

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

(54) Title of the invention : CONTACT EROSION INDICATOR

(51) International classification	:G01L27/00, F01D21/14	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VYAS, Hardik, D.
(87) International Publication No	: NA	2)PANCHAL, Dharm, M.
(61) Patent of Addition to Application Number	:NA	3)NIRANJAN, Rajender Singh
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a contact erosion indicator used in switchgear for indicating the status of contact condition. The arrangement comprises: a contact system; an indicator (5) having substantially step structure indicating condition of the contact(s) (1). The arrangement positioned in the switchgear to measure the position of a moving contact surface (3) of a moving contact (6) from a reference surface (2) for determining the condition of the main contact(s) (1).

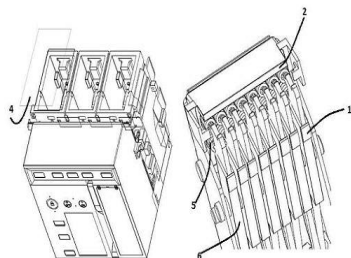


FIGURE 1

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

(54) Title of the invention : MICRO-CONTROLLER BASED EARTH FAULT PROTECTION WITH HARMONIC FILTER

(51) International classification	:H02H3/26, H02H1/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(32) Priority Date	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ZAINAB Vejiani
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a micro-controller based accurate sensing of earth fault in presence of harmonics and thereby tripping under actual fault condition and thus reducing the number of nuisance trips. A method (200) for earth fault detection based on a signal received, thereby tripping said electronic tripping unit of said circuit breaker is disclosed. The method (200) comprises of extracting (202) fundamental components values from the signal received; calculating (204) earth current signal based on fundamental components extracted and initiating a timer (206), if sum of said earth current signal calculated exceeds a predefined threshold value, thereby tripping (208) said electronic tripping unit of said circuit breaker.

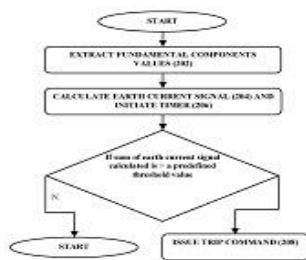


Figure 1

No. of Pages : 20 No. of Claims : 9

(54) Title of the invention : METHOD AND APPARATUS TO LIMIT THE TRANSIENT PEAK OF PASSIVE FILTERS IN CIRCUIT BREAKERS USING AIR CORE SENSORS BY CAPACITOR COMPENSATION

(51) International classification	:H02H1/00, H03H11/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JHAVERI , Rachit, Shailain
(61) Patent of Addition to Application Number	:NA	2)SUPEDA , Prahlad
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and an apparatus to limit the transient peak of Passive Filters in Circuit Breakers using Air Core Sensors by capacitor compensation are disclosed. In one implementation, the only change that is performed is the addition of a Capacitor C7 401, in the non-inverting terminal of the operational Amplifier. The Passive integrator circuit lies in the inverting section of the Operational amplifier. By introducing a capacitor in the non- inverting leg, we purposefully create another charging curve, which is a replica of the curve generated by the charging of capacitor C8 in the Passive integrator section. When both the capacitor signals are fed into the operational amplifier, by the inherent property of the Operational Amplifier to bias the inputs received from the inverting terminal and non- inverting terminal, the charging curve formed by capacitor C7 tends to nullify the initial peak formed by C8 in the passive integrator section.

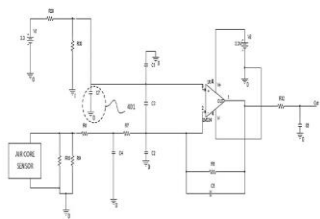


FIGURE 4

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1000/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A CAN INTERFACE BETWEEN AN ELECTRICAL TRIP UNIT OF A CIRCUIT BREAKER

(51) International classification	:H01H73/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KAMANE, Harshala
(61) Patent of Addition to Application Number	:NA	2)DSOUZA, Shelton
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A can interface between an electrical trip unit (102) of a circuit breaker is disclosed. The ETU (102) in the present invention is connected to the CAN communication module (104) via a FRC connector (106). The CAN module (104) consists of a CAN trans-receiver IC (118) which helps in the transmission and reception of messages between ETU (102) and its supplementary modules (120) via the CAN bus (108). The ETU (102) can communicate four different modules (120) viz., a temperature module (110), an earth leakage module (114), a relay module (116), and a digital module (112).

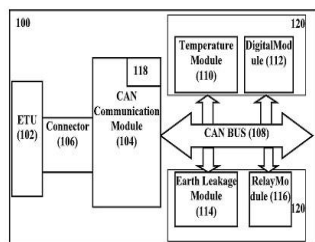


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1001/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED RACKING MECHANISM WITH AUTO-LATCH AND DELATCH ARRANGEMENT IN A CIRCUIT BREAKER

(51) International classification	:H02B11/00, H02B11/133	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HEMNANI, Mohit
(87) International Publication No	: NA	2)MORE, Vishal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved racking mechanism with auto-latch and de-latch arrangement in a circuit breaker is disclosed. The draw out type of circuit breaker is supported on the rail assembly (12), which is an integral part of a cradle assembly (11). The cradle assembly consists of the base plate (13), racking assembly (14), side plates (15) for guiding breaker and rail assembly. Racking operation is accomplished by the racking assembly mounted on the base plate (13).

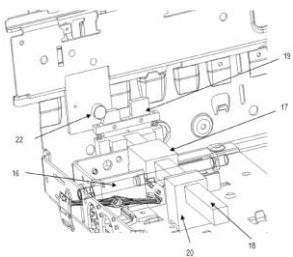


Figure 2

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2014

(21) Application No.1213/MUM/2014 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPATIBLE MECHANICAL DEVICE ASSEMBLY FOR OPERATING CIRCUIT BREAKER

(51) International classification	:H01C7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAGARJUN, Kapu
(61) Patent of Addition to Application Number	:NA	2)GOR, Mrugesh
Filing Date	:NA	3)K. Vetrivel
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a mechanical assembly of linkages for operating the contact system in circuit breaker. The mechanical assembly is simple and providing high mechanical life to the circuit breaker. The features of the invention are the grooves created in the mounting members and the protrusion provided in the lateral members to create a revolute joint. The present invention provides an ease of assembly and reduces the cost and components in the whole mechanism.

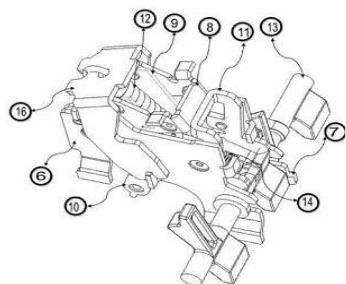


FIGURE 3

No. of Pages : 47 No. of Claims : 10

(54) Title of the invention : AN ASSEMBLY CONSISTING OF FIXED TERMINAL, MOVING CONDUCTOR AND AN ELECTRICAL CONNECTION BETWEEN THEM IN AN AIR-CIRCUIT BREAKER

(51) International classification	:H01H1/00, H01H71/10, H01H73/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PATEL, Kevin
(33) Name of priority country	:NA	2)PARMARTHI, Amogh
(86) International Application No	:NA	3)NIRANJAN, Rajender Singh
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a connector assembly for connecting a fixed cabinet and a moving switching module conductor. The connector assembly comprises of a fixed cabinet, a moving switching module conductor, at least one conductor strip, a supporting structure, a leaf spring, and a thin strip. The fixed cabinet further comprises of a space, at least one hole, and at least one slot. The moving switching module conductor further comprises of a base having a surface and at least one slot. The thin strip may be used to separate the at least one conductor strip. The disclosed assembly does not require any special process/tools/vendors for component manufacturing is required and thus the manufacturing cost is reduced considerably. To be published with figure 11

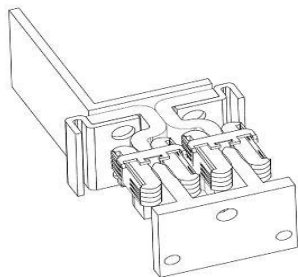


Figure 11

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1215/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A BACKING MECHANISM IN TRIP SYSTEM

(51) International classification	:H02H7/00, H02J13/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O.Box:278,Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)NAGARJUN, Kapu
(87) International Publication No	: NA	2)KARUNANITHI, Senthilkumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a mechanism to hold a trip plate (8) in a position to avoid an overriding of latch bracket. The mechanism comprises of at least one mounting plate (1, 7) with at least one rear end flaring (6). The mechanism further comprises of a latch link (2) with at least one flared portion (4, 5), at least one upper link (3), a latch bracket (13), a fork (9), at least one lower link (14) assembly (10) further comprising a tension spring (12), at least one knob (15) to switch a circuit breaker ON or OFF; and a flipping mechanism to control a latching and a de-latching in the circuit breaker. To be published with figure 3

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

(54) Title of the invention : PACKAGING SYSTEM FOR ARTICLES.

(51) International classification	:B65D 81/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ROSHAN KADAM
(61) Patent of Addition to Application Number	:NA	2)PRANAV PUJARI
Filing Date	:NA	3)VIJAY V. BHANDARKAR
(62) Divisional to Application Number	:NA	4)DINESH R. KANNADKAR
Filing Date	:NA	

(57) Abstract :

Disclosed is a packaging system for articles. The packaging system comprises a base plate having a plurality of holes configured thereon, and a padding configured over the base plate for absorbing shocks during transit. The padding includes a plurality of openings configured thereon. The plurality of openings of the padding corresponds to the plurality of holes of the base plate for securing the padding to the base plate by means of a fixing means.

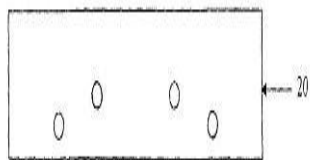


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1021/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERLOCKING MECHANISM FOR PANEL MODULE OF ELECTRICAL SWITCHING DEVICE.

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	12/28	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AMEYA M CHAUGHULE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an interlocking mechanism for an electrical switching device. The interlocking mechanism comprises a mounting plate, a first slider plate, a second slider plate, a cover plate, a cam, an actuator, a plurality of rollers, a plurality of clinch studs, a pair of caps and a plurality of springs. The interlocking mechanism is actuated by the position of the module door itself. The interlocking mechanism prevents an unauthorized person from opening the module door when a short circuit protection device is in ON condition.

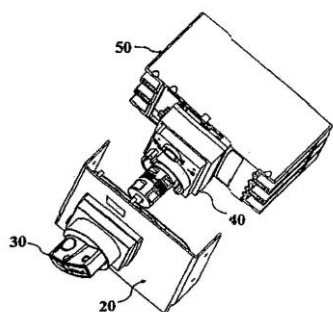


Figure 4

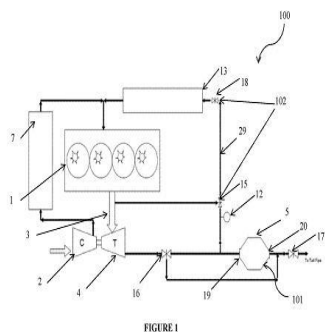
No. of Pages : 19 No. of Claims : 1

(54) Title of the invention : A PARTICULATE MATTER REGENERATION SYSTEM FOR AN IC ENGINE, AND METHOD THEREOF

(51) International classification	:F02M31/04, F01N9/00	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAKHESH B
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a particulate matter regeneration system for an internal combustion engine. The system comprises an exhaust conduit fluidly connected with an exhaust valve of the internal combustion engine. The exhaust conduit is configured to route exhaust gas from the engine to surroundings. One or more particulate matter filters positioned in the exhaust conduit, wherein the one or more particulate matter filters are configured to capture the particulate matter in the exhaust gas. Further, a fluid supply unit fluidly connected in between an inlet of the internal combustion engine and the one or more particulate filters, wherein the fluid supply unit is configured to selectively route at least a portion of an inlet fluid through the one or more particulate matter filters to the internal combustion engine. Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1233/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF LEVOTHYROXINE AND SALTS THEREOF

(51) International classification	:C07C229/08, C07C227/16	(71)Name of Applicant : 1)LUPIN LIMITED Address of Applicant :159 CST Road, Kalina, Santacruz (East), Mumbai-400 098, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DESHMUKH, Swapnil, Sudhakar
(87) International Publication No	: NA	2)JAIN, Adinath, Murlidhar
(61) Patent of Addition to Application Number	:NA	3)GODBOLE, Himanshu Madhav
Filing Date	:NA	4)SINGH, Girij , Pal
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of Levothyroxine and salts thereof. The process described in the present invention provides increase in the yields and purity comprising the use of sodium iodide and sodium hypochlorite as iodinating agent.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1581/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/05/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING POWER CONSUMPTION IN A DISPLAY

(51) International classification	:H04W 36/00
(31) Priority Document No	:60/613,404
(32) Priority Date	:27/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1160/MUM/2005
Filed on	:21/09/2005

(71)**Name of Applicant :**
1)QUALCOMM MEMS TECHNOLOGIES, INC
Address of Applicant :5775 Morehouse Drive, San Diego,
California 92121 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)Jeffrey B SAMPSELL

(57) Abstract :

Method and system are disclosed for reducing mutual EM coupling between VCO resonators and for implementing the same on a single semiconductor chip. The method and system involve using inductors that are substantially symmetrical about their horizontal and/or their vertical axes and providing current to the inductors in a way so that the resulting magnetic field components tend to cancel each other by virtue of the symmetry. In addition, two such inductors may be placed near each other and oriented in a way so that the induced current in the second inductor due to the magnetic field originating from first inductor is significantly reduced. The inductors may be 8-shaped, four-leaf clover-shaped, single-turn, multi-turn, rotated relative to one another, and/or vertically offset relative to one another. This Abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. [Fig 2]

No. of Pages : 27 No. of Claims : 22

(54) Title of the invention : AN IMPROVED ARC QUENCHING AND ARC PRODUCTS FILTERING USING A FILTER CONCEPT

(51) International classification	:H01H33/04, H01H1/38	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRIVASTAVA, Ananya
(61) Patent of Addition to Application Number	:NA	2)CHATTOPADHYAY, Biplab
Filing Date	:NA	3)SHANBHAG, Dwiti, Govind
(62) Divisional to Application Number	:NA	4)PAUL T, Nirmal, Joseph
Filing Date	:NA	

(57) Abstract :

Disclosed is an electric circuit breaker arc chute with an improved filter assembly to provide an improved arc quenching and arc products filtering using a filter concept. The arc chute filter, by virtue of its design provided helps in better arc quenching performance, prevention of emission of flame and/or ionized gases, improved heat dissipation and arc product filtering, thereby eliminating the risk of flashover outside the breaker. This invention is of use in the switchgear industry. The filter concept in arc chute consists of filter assembly (1), top plate (2), side plate (3) and de-ion plates (4). The filter assembly (1) consists of filter holder(5), non conductive gassing plates (7) on top and multiple layers of perforated metal plates or sieves (6) to hold multiple layers of granules (8).

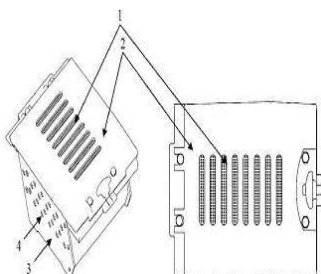


Figure 1

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

(54) Title of the invention : A METHOD FOR ACCESSING ELECTRONIC TRIP UNIT SETTINGS IN CIRCUIT BREAKERS

(51) International classification	:H01H19/03, H01H71/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGARWAL, Vivek, S.
(61) Patent of Addition to Application Number	:NA	2)SHAIKH, Usufe
Filing Date	:NA	3)LANDE, Apeksha, B.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system (100) and method (400) thereof for providing a limited access to various protection and system settings stored in a memory of said electronic trip unit (ETU) (102). In one implementation, the system (100) comprises of a communication protocol (106) to provide said communication between said electronic trip unit (ETU) (102) and said at least one module (104), characterized in that said at least one module (104) communicates with said electronic trip unit (ETU) (102) over at least one message with a specific CAN frame structure (300) based CAN protocol (106), wherein said at least one message has a message identifier unique for said at least one module and defines data to be communicated and a priority of said at least one message.

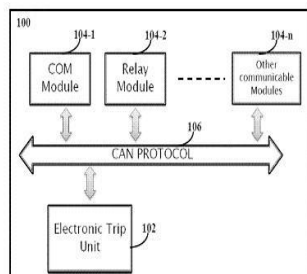


Figure 1

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

(54) Title of the invention : IMPROVED DESIGN OF SUPPORT BRACKET FOR POLE SHAFT & ITS ASSEMBLY IN ELECTRICAL DEVICES LIKE CIRCUIT BREAKER

(51) International classification	:H01H33/40, H01H3/32, H01H71/12	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KAMAT, Sudhir, S.
(33) Name of priority country	:NA	2)PUJARI, Pranav, G
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a supporting bracket and an assembly for mounting a supporting bracket (14) to support at least one pole shaft (13) on a circuit breaker housing (16) of a circuit breaker is disclosed. The assembly comprises of the at least one pole shaft (13), the supporting bracket (14) and the circuit breaker housing (16). The supporting bracket (14) further comprises of at least on profile (11) and at least one flat surface (12) with at least one hole. The at least one flat surface (12) with at least one hole is mounted on the circuit breaker housing (16).

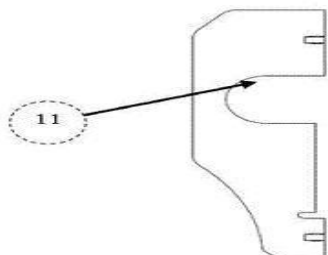


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1982/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : STEPLESS GRINDING AND POLISHING APPARATUS

(51) International classification	:B24B7/22
(31) Priority Document No	:2014100344945
(32) Priority Date	:24/01/2014
(33) Name of priority country	:China
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LONG Qirui

Address of Applicant :Industrial Avenue, Qixing Industrial Park, Luocun Street, Nanhai District, Foshan City, Guangdong Province 528000, China China

(72)Name of Inventor :

1)LONG Qirui

2)HUANG Jun

3)CAI Yongbang

(57) Abstract :

The invention discloses a stepless grinding and polishing apparatus comprising a spindle and a revolution disk connected with the spindle™s lower section. The revolution disk has a plurality of grinding head installation positions with stepless grinding heads arranged in each position. Each head comprises a grinding wheel fixing seat with a swing space, grinding wheel shafts, grinding block and spherical kinematic pairs. Each spherical kinematic pair is positioned in the corresponding space. A gap is provided between each pair and the peripheral wall of its space. The upper section of each shaft is elastically connected with the corresponding head fixing seat. When the grinding heads revolve, the grinding blocks universally swing freely. The apparatus is suitable for carrying out surface processing on architectural ceramics, stones and dalles. It has a profiling function when processing the surface, without crushing it, and excellent grinding and polishing effects with high working efficiency. Fig.1

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

(54) Title of the invention : TRIP ALARM CONTACT SYSTEM ARRANGEMENT TO BE USED IN SWITCHGEARS

(51) International classification	:G08B27/00, H04N7/173	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHONGADE Dnyaneshwar
(61) Patent of Addition to Application Number	:NA	2)KASIVISWANADHAM, P
Filing Date	:NA	3)NAGARJUN, K
(62) Divisional to Application Number	:NA	4)TOMAR, Brajesh Singh
Filing Date	:NA	

(57) Abstract :

The present invention provides an arrangement for actuation of TAC actuator having different pivot axis than Latch link of the circuit breaker. The arrangement for actuation in a circuit breaker comprises: an actuator comprises an actuator pivot point and a trip alarm contact interface point; a latch link having an actuator interface feature and a latch link pivot point; a mechanism trip plate. The actuator pivotally connected to the latch link to facilitate actuation of an auxiliary contact by rotation of the actuator with the latch link, thereby pushing the trip auxiliary contact actuator of the auxiliary contact to activate the auxiliary contact in trip condition.

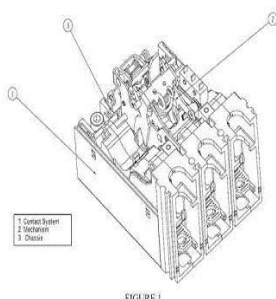


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1013/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPACT TERMINAL SHROUD FOR THE CIRCUIT BREAKER WITH REAR TERMINALS OR PLUG IN MODULE

(51) International classification

:H04M1/24

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House, Ballard Estate, P.O. Box
278, Mumbai 400 001, State of Maharashtra, India Maharashtra
India

(72)Name of Inventor :

1)SONI, Aditya

(57) Abstract :

The present invention relates to low voltage switching device(s) with the rear termination or with the plug-in module and providing a module for preventing the circuit breaker from danger/ hazards. The shroud module provides less space occupancy on panel, easy lifting access, far from the live terminal and safe access and proper venting at the terminal, so as to maintain temperature at certain intended value. This invention also increases the clearance and creepage values between two adjacent poles and pole-ground.

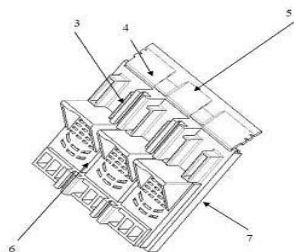


FIGURE 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1223/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SOYABEAN PLANT CUTTING MACHINE

(51) International classification :A01D45/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Bhaskar Santosh Vitthal

Address of Applicant :Associate Professor, Department of Mechanical Engineering, Sanjivani Rural Education SocietyTMs College of Engineering, Kopergaon-423 603 Maharashtra India

2)Shinde Kiran Prakash

(72)Name of Inventor :

1)Bhaskar Santosh Vitthal

2)Shinde Kiran Prakash

3)Sonawane Atul Anil

4)Sanap Sandip Shivaji

5)Surve Deep Naresh

(57) Abstract :

At present, soyabean plants are harvested by using harvesting machines. Due to growing industrial sector, there is labor shortage in agricultural sector. Hiring of a present harvesting machine is costly and canTMpossible to purchase by a farmer bearing 1 to 2 acres of land. Present invention is an attempt to fabricate a cutting machine which will cut and collect the plants by using manually operated machine. The machine consists of a simple mechanism with motor, cutting mechanism with single phase electric motor, which is powered by single phase supply, rotating drum driven by DC motor and collecting box. The cutter cuts the soyabean plants at the height of the 8 cm from ground. The cut plants are then drawn in to a collecting box with the help of rotating drum and conveyor. This invention gives the advantages of reduced labor cost, reduced loss of soyabean beans over the conventional method and reduced power requirement. Also the machine is afforded by farmer bearing 1 to 2 acres of land. It will definitely prove to be useful for farmers, in particular and society, in general. Following invention is described in detail with the help of Figure 1 of sheet 1 shows Soyabean plant cutting machine and Figure 2 of sheet 2 shows the cutter assembly of Soyabean plant cutting machine.

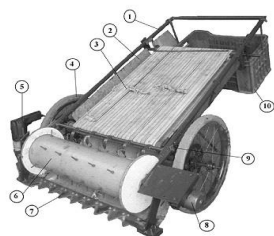


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1968/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : NOVEL LITHIUM ION BATTERIES

(51) International classification :H01M10/36, H01M10/0525, H01M4/00
(31) Priority Document No :14/087,236
(32) Priority Date :22/11/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Lan Yang Energy Technology Co., Ltd.
Address of Applicant :1 Shi 4th Road, Yangmei City, 326, Taiwan. Taiwan
(72)Name of Inventor :
1)HURNG, Weir-Mirn
2)CHENG, Chienyang
3)HUANG, Yuwei

(57) Abstract :

A lithium ion battery having a plurality of cells connected in series, in parallel, or both internally within a sealed case. Also provided is a lithium ion battery having externally connected cells.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1061/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ELECTRO-MAGNETIC ACTUATING SYSTEM FOR CIRCUIT BREAKERS

(51) International classification	:H02B
	11/26
(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	:
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)LARSEN & TOUBRO LIMITED
Address of Applicant :LARSEN & TOUBRO LIMITED L&T
HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
001, INDIA Maharashtra India
(72)Name of Inventor :
1)IYER DEEPIKA K
2)SWATI G SAVALIYA
3)PRAGYAN P. BEURA

(57) Abstract :

Disclosed is an electro-magnetic actuating system for a circuit breaker. The electromagnetic actuating system comprises a moving core, a plunger, a coil, a spring and a magnetic frame having an upper bend and a lower bend. The magnetic frame is a U frame that produces force only in the direction of operation thereby guiding and accelerating the motion of the moving core and the plunger resulting in an efficient tripping. The electro-magnetic actuating system reduces the manufacturing time and cost due to removal of a fixed core while giving efficient performance.

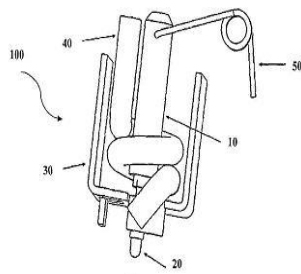


Figure 1

No. of Pages : 15 No. of Claims : 1

(54) Title of the invention : NOVEL CONTACTS SYSTEM ARRANGEMENT FOR TWO POLE COMPACT MODULAR CIRCUIT BREAKER

(51) International classification	:H01H75/00, H01H53/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JETHLIYA, Rajesh
(61) Patent of Addition to Application Number	:NA	2)KIRPAL, Yogini
Filing Date	:NA	3)BHADORIYA , Dipika
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel contacts system arrangement for two pole compact modular circuit breaker. The two pole breaker having two set of terminals on either side for incoming and outgoing circuit. The arrangement comprises: a fixed contact assembly comprises at least two fixed contact (s) with a contact tip; a moving member having at least two moving contact(s) having different polarities; a contact carrier. The fixed contact are attached in a slot(s) provided on the contact carrier; therefore movement of the moving contact (s) facilitate connection between the moving contact with corresponding one of the fixed contact(s), thereby the contact carrier slide in opposite direction due to angular movement on its own axis to facilitate closing of another the fixed contact to maintain availability of power supply to the circuit breaker.

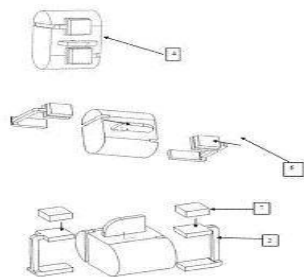


FIGURE 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1194/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

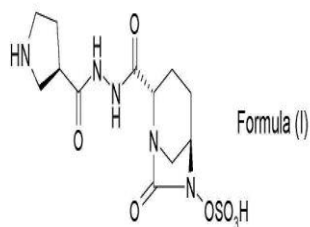
(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING ANTIBACTERIAL AGENTS

(51) International classification	:A61K31/00, A61K31/43
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WOCKHARDT LIMITED
Address of Applicant :D-4, MIDC Area, Chikalthana,
Aurangabad Maharashtra India
(72)**Name of Inventor :**
1)Bhagwat,Sachin
2)Patel,Mahesh Vithalbhai

(57) Abstract :

Pharmaceutical compositions comprising a beta-lactam compound selected from cefepime, sulbactam or a pharmaceutically acceptable derivative thereof, and a compound of Formula (I) or a stereoisomer or a pharmaceutical acceptable derivative thereof, are disclosed.



No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1195/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

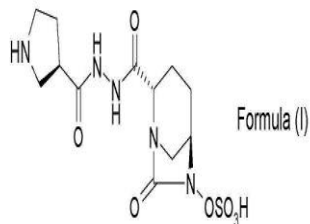
(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF TRANS-SULFURIC ACID MONO-[2-(5-AZETIDIN-3-YLMETHYL-[1,3,4]OXADIAZOL-2-YL)-7-OXO-1,6-DIAZABICYCLO [3.2.1]OCT-6-YL]ESTER

(51) International classification	:C07D487/04, A61K31/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Raikar, Sanjay
(33) Name of priority country	:NA	2)Dabhade, Sanjay Kisan
(86) International Application No	:NA	3)Yeole, Ravindra Dattatraya
Filing Date	:NA	4)Patel, Mahesh Vithalbhai
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of a compound of Formula (I) is disclosed.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1196/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

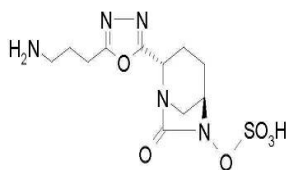
(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF TRANS-SULFURIC ACID MONO-[2-(5-AZETIDIN-3-YLMETHYL-[1,3,4]OXADIAZOL-2-YL)-7-OXO-1,6-DIAZABICYCLO [3.2.1]OCT-6-YL]ESTER

(51) International classification	:C07D487/04, A61K31/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Raikar, Sanjay
(33) Name of priority country	:NA	2)Pavase, Laxmikant
(86) International Application No	:NA	3)Yeole, Ravindra Dattatraya
Filing Date	:NA	4)Patel,Mahesh Vithalbhai
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of compound of Formula (I) is disclosed.



Formula (I)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2027/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD OF ASSEMBLING A TRANSFORMER

(51) International classification	:H01L 23/12
(31) Priority Document No	:13173642.3
(32) Priority Date	:25/06/2013
(33) Name of priority country	:EPO
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALSTOM Technology Ltd.
Address of Applicant :Brown Boveri Strasse 7 CH-5400
Baden, Switzerland Switzerland
(72)**Name of Inventor :**
1)WRIGHT, David

(57) Abstract :

A method of assembling a transformer/reactor is disclosed comprising the steps of; receiving a first coil (2) having a first coil end conductor (30); receiving a second coil (3) having a second coil end conductor (40); mounting the first coil and second coil on respective limbs of a magnetic core (4); arranging the first coil such that the first conductor projects outwardly from the first coil from a point (7) between the first and second coils; arranging the second coil such that the second conductor projects outwardly from the second coil from a point (8) between the first and second coils; and connecting the conductors to form an interconnection (5) between the coils.

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

(54) Title of the invention : FLEXIBLE MECHANICAL INTERLOCKING MECHANISM FOR SWITCHING DEVICES.

(51) International classification	:H01H9/262	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)OORMILAA SIDHARTHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an interlocking mechanism for two switching devices such as contactors. The interlocking mechanism comprises a first lever, a second lever, a first stopper, a second stopper, a first spring, a second spring, a first pin, a second pin and an extendable cable. The interlocking mechanism prevents a second switching device of the two switching devices from getting turned ON when a first switching device is in ON condition thereby ensuring that only one of the two switching devices is switched ON at an instant. The interlocking mechanism is very compact and built into the device with the extendable cable to enable the flexibility in mounting the two switching devices at any distance apart from each other.

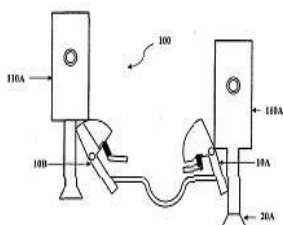


Figure 2

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

(54) Title of the invention : GEAR ARRANGEMENT OF EOM FOR CHANGEOVER SWITCH

(51) International classification	:F16H63/50, B60W10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate,P.O. Box:
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S., Vasuki
(61) Patent of Addition to Application Number	:NA	2)K., Senthil, Kumar
Filing Date	:NA	3)P., Karuppasamy
(62) Divisional to Application Number	:NA	4)V., Srinath
Filing Date	:NA	

(57) Abstract :

The Present invention relates but not limited to Gear arrangement in Electrically Operating mechanism (EOM) for Changeover Switch. The present invention provides a gear arrangement of an electrically operated mechanism for driving a Changeover switches . The present invention provides a higher torque conversion which enables its use for Changeover switches demanding higher torque i.e. suitable for higher ratings. The gear arrangement is constructed in a way that a high torque conversion is achieved with limited number of gear stages and limited space.

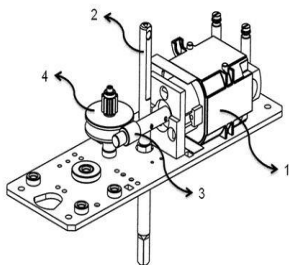


Image 1

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

(54) Title of the invention : FAST TRIPPING OF SELF POWERED CIRCUIT BREAKER FOR LOW CURRENT GROUND FAULTS.

(51) International classification	:H02H7/26, H01H71/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHINTALA, Dhananjai
(61) Patent of Addition to Application Number	:NA	2)SUPEDA, Prahlad
Filing Date	:NA	3)DESHMUKH, Vinod, Yogendra
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an arrangement for fast tripping of circuit breaker during low current ground faults at the instant of closing the breaker. The arrangement for fast tripping of circuit breaker comprises: a power supply connected to a load; plurality of sensor(s) means; a trip mechanism circuit for tripping the circuit breaker; a signal sensing and conditioning circuit; a controller means; a divider circuit and a capacitive switching circuit comprises at least two storage capacitor(s) connected in series and parallel configuration with plurality of switch(es) and a switching mean, the capacitive switching circuit communicatively coupled with the controller means to facilitate the tripping in the circuit breaker during low current ground fault condition.

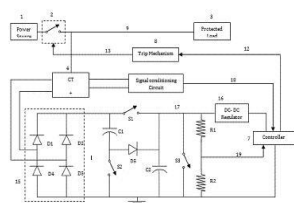


FIGURE 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.658/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : QUICK ASSEMBLY ADJUSTABLE FURNITURE

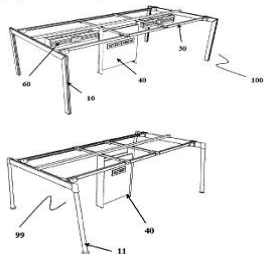
(51) International classification :A47B11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VINOD K PITRODA
Address of Applicant :A 304 SURYA APARTMENTS,
BREACH CANDY, MUMBAI - 400026, MAHARASHTRA,
INDIA Maharashtra India
(72)Name of Inventor :
1)VINOD K PITRODA

(57) Abstract :

The present invention relates to an adjustable table/desking frame (100,99) with improved aesthetic appearance comprising plurality of table frame legs (10,11) manufactured from at least one aluminum profile section joined by connector assembly (20,23) respectively which expands in the aluminum profile section to hold said connector (20,23) firmly in the aluminum profile section to form the rigid leg joints of the table frame (100,99) respectively; at least one riser (40) to facilitate all around movement beneath the table at any location along the length and width of the table; at least one crossbar/cross beam (30) held/mounted on table legs (10,11) is provided to support said table frame (100,99) and table tops (51), risers (40) and side extensions; at least one screen fixer (57) for fixing the screen (55) on table top by insertion of the trim (54) between two table tops (51); and at least one raceway (60) to carry wires across length of table and allow emergence of same at any point.

(Figure 10A & 10B)



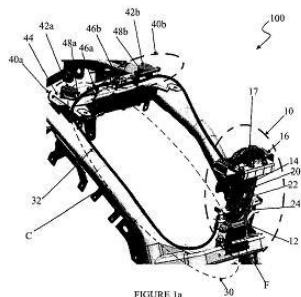
No. of Pages : 25 No. of Claims : 10

(54) Title of the invention : SEAT HEIGHT ADJUSTMENT MECHANISM

(51) International classification	:B60N2/16, F16M13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA TWO-WHEELERS LIMITED
(32) Priority Date	:NA	Address of Applicant :D1 Block, Plot No. 18/2 (Part), MIDC,
(33) Name of priority country	:NA	Chinchwad, Pune - 411019, Maharashtra, India. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LAKSHMANAN SOLAITHEVAR
(87) International Publication No	: NA	2)BHARAMBE SACHIN
(61) Patent of Addition to Application Number	:NA	3)PRABHUNE HEMANT
Filing Date	:NA	4)SUNDARARAJU SATHISKUMAR
(62) Divisional to Application Number	:NA	5)SHENDE RAMKRUSHNA
Filing Date	:NA	6)MANSHAKUTTY EKAMBARAM
		7)KAMALAPURKAR MANOJ

(57) Abstract :

A seat height adjustment mechanism for a scooter type vehicle, wherein an operative rear end of a seat of the vehicle is adapted to swivel about a hinge so that the seat angularly moves between 0 degrees and 85-95 degrees, the mechanism comprising of a telescopically adjustable latching arrangement, a spring actuated locking mechanism comprising a locking pin, a cable arrangement comprising a cable connected to a flange secured to the slidable latch element, the cable passes through guides configured on the fixed element and extends underneath an intermediate portion of the seat, and a pair of slider rod assemblies disposed underneath the intermediate portion of the seat and functionally coupled to the slidable latch element via the cable.



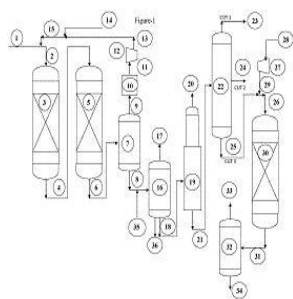
No. of Pages : 32 No. of Claims : 7

(54) Title of the invention : INTEGRATED PROCESS FOR PRODUCTION OF HIGH OCTANE GASOLINE, HIGH AROMATIC NAPHTHA AND HIGH CETANE DIESEL FROM HIGH AROMATIC MIDDLE DISTILLATE RANGE STREAMS

(51) International classification	:C10L1/02, C07C41/06, C10L10/10	(71)Name of Applicant : 1)Indian Oil Corporation Ltd. Address of Applicant :G-9, Ali Yavar Jung Road, Bandra (East), Mumbai-400 051, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)BUTLEY, Ganesh Vitthalrao
(33) Name of priority country	:NA	2)SARKAR, Mainak
(86) International Application No	:NA	3)GUPTA, Yamini
Filing Date	:NA	4)ARUN, Arangarasu
(87) International Publication No	: NA	5)SAU, Madhusudan
(61) Patent of Addition to Application Number	:NA	6)SUGUMARAN, Vatsala
Filing Date	:NA	7)KAGDIYAL, Vivekanand
(62) Divisional to Application Number	:NA	8)SAKTHIVEL, Paramasivam
Filing Date	:NA	9)KUMAR, Brijesh
		10)DAS, Biswapriya

(57) Abstract :

Integrated Process for production of High Octane Gasoline, High Aromatic Naphtha and High Cetane Diesel from high aromatic middle distillate range streams Abstract of the Invention An integrated process for production of ultra low sulfur products of high octane gasoline, high aromatic naphtha and high Cetane Diesel from high aromatic middle distillate range streams from any cracker units such as Light Cycle Oil (LCO) stream of Fluid catalytic cracking (FCC) units and comprising of subjecting the feed boiling between 200 to 400°C and having at least 30 wt% multi-ring aromatics content subjected to hydrotreating for removal of heteroatoms like sulfur and nitrogen and at a pressure sufficient only for saturation of one ring of multi-ring aromatics. The effluent from hydrotreating is subjected to hydrocracking at same pressure of hydrotreating step above for selective opening of saturated ring of multi-ring aromatics. The effluent from hydrocracking is separated in CUT-1 boiling between 35 to 70°C, CUT-2 boiling between 70 to 200°C in which the monoaromatics and alkylated monoaromatics are concentrated and CUT-3 boiling above 200°C in which concentration of saturates i.e. paraffins and naphthenes significantly increased. The CUT-3 is selectively oxidized in selective oxidation step in presence of catalyst, an oxidizing agent and operating conditions such that it results in diesel product with more enhanced Cetane.



No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.986/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : IDENTIFICATION OF AN ACTION PERFORMED BY A PERSON

(51) International classification	:G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUKHERJEE, Dipti Prasad
(87) International Publication No	: NA	2)BATBYAL, Tamal
(61) Patent of Addition to Application Number	:NA	3)CHATTOPADHYAY, Tanushyam
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for identifying an action, from amongst known actions, performed by a person, includes receiving n skeleton frames of the person performing the action from a skeleton recording device (104), where each skeleton frame represents data of N skeleton joints of the person. The method further includes computing a covariance matrix of a feature matrix based on joint coordinates of the skeleton joints from each skeleton frame. Also, the method includes identifying an error covariance matrix based on value of n, value of N, and value of variance of the joint coordinates of one of the skeleton joints. Further, the method includes evaluating a noise-free covariance matrix based on covariance matrix and error covariance matrix. Furthermore, an active joint matrix is determined based on an active joint threshold and the noise-free covariance matrix to identify the action from amongst the plurality of known actions.

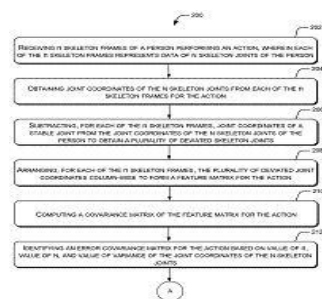


Figure 2

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1148/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A ROLLING OIL COMPOSITION

(51) International classification :C10M101/02,
C10M143/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Indian Oil Corporation Ltd.

Address of Applicant :G-9, Ali Yavar Jung Road, Bandra
(East), Mumbai-400 051, India Maharashtra India

(72)Name of Inventor :

1)PAUL, Subinoy

2)SAMY, Arunagiri

3)JOSEPH, Pattathilchira Varghese

4)AGARWAL, Neelam

5)HARYNARAIN, Ajay Kumar

6)SAXENA, Deepak

7)SAYANNA, Eltepu

8)BASU, Biswajit

9)MALHOTRA, Ravinder Kumar

(57) Abstract :

The present invention relates to a continuous film forming rolling oil composition with enhanced lubrication properties and more particularly the invention relates to a rolling oil composition with a synergistic combination of sulfur and phosphorous based compounds for enhanced lubricating effect by forming a uniform film having continuous lubrication.

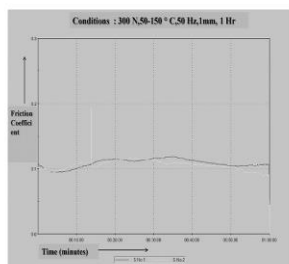


Fig. 1

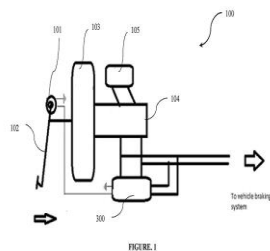
No. of Pages : 25 No. of Claims : 14

(54) Title of the invention : BOOST MODULE FOR HYDRAULIC BRAKING SYSTEM OF A VEHICLE

(51) International classification	:B60T11/16, B60T13/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AMOL RAMESH THAKUR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a booster assembly for a hydraulically operated actuation systems such as hydraulic braking system and hydraulic clutch actuation system of the vehicle. The booster assembly supplies hydraulic fluid to hydraulically operated actuation systems during initial travel of the actuation pedal to facilitate quick operation of the system in the vehicle without any delay. The booster assembly comprise of an accumulator to hold pressurised hydraulic fluid, and a control valve to selectively route the pressurised hydraulic fluid to the hydraulically operated actuation system during initial travel of the actuation pedal. FIGS. 1 and 5

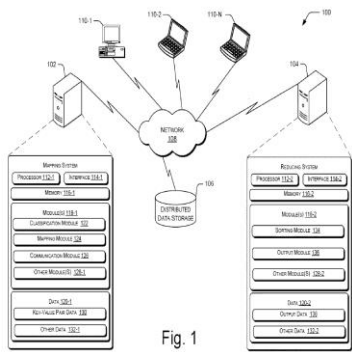


No. of Pages : 33 No. of Claims : 25

(54) Title of the invention : STORAGE OF UNSTRUCTURED DATA ONTO DISTRIBUTED DATA STORAGE

(51) International classification	:G06F15/167, G06F17/00	(71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)OMATHIL, Gelesh George
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
System(s) and method(s) for processing and storage of unstructured data onto a distributed data storage are described. According to the present subject matter, a mapping system (102) and a reducing system (104) are described for processing and storage of unstructured data. The described systems implement methods that include receiving a segment of the unstructured data including at least one record, where the at least one record comprises values for one or more qualifiers. The methods may also include identifying column family and at least one qualifier from amongst the one or more qualifiers corresponding to values of each record from amongst the at least one record. Further, the method includes determining a key qualifier, for each record, from amongst the at least one qualifier identified for the each record and generating an enhanced key, for each record, based on at least one of the key qualifier, the identified column family, and the at least one qualifier for each record.



No. of Pages : 30 No. of Claims : 18

(54) Title of the invention : STORAGE OF STRUCTURED DATA ONTO DISTRIBUTED DATA STORAGE

(51) International classification	:G06F15/167, G06F17/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)OMATHIL, Gelesh George
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System(s) and method(s) for processing and storage of structured data onto a columnar database hosted on a distributed data storage are described. According to the present subject matter, a mapping system (102) and a reducing system (104) are described for processing and storage of structured data. The described systems implement methods that include receiving a segment of the structured data including at least one record. Further, the method includes determining a primary set of columns and a secondary set of columns from amongst a plurality of columns of each record. The method also includes re-arranging values of the secondary set of columns in a pre-defined order and generating an intermediate key based on the primary set of columns and a corresponding intermediate value comprising the re-arranged values of the secondary set of columns, where the intermediate key and the intermediate value form an intermediate key-value pair.

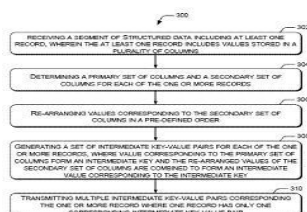


Fig. 3(a)

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1180/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS OF PREPARING A PHARMACEUTICAL COMPOSITION OF NSAID AND PPI OR SALTS THEREOF

(51) International classification	:A61K31/00, A61K45/06, A61K9/20	(71) Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Shewale,Amit
(33) Name of priority country	:NA	2)Kaneria, Vishal
(86) International Application No	:PCT//	3)Salampure, Sachin
Filing Date	:01/01/1900	4)Chordiya, Jitendrakumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of preparing a pharmaceutical composition of NSAID and PPI or salts thereof. In particular, the invention relates to a composition of NSAID and PPI or salts thereof comprising a core and two or more layers coated on the core. The invention also includes a method of treating upper gastrointestinal injury associated with NSAID and for the secondary prevention of cardiovascular disease in patients at risk for NSAID -associated gastric ulcers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.859/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :14/03/2014

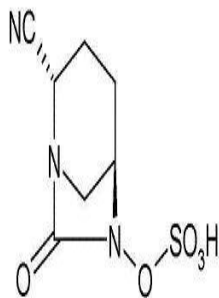
(43) Publication Date : 02/10/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS

(51) International classification	:A61K31/00, A61K9/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Bhagwat,Sachin
(87) International Publication No	: NA	2)Patel,Mahesh Vithalbhai
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pharmaceutical compositions comprising sulbactam or a pharmaceutically acceptable derivative thereof, and a compound of Formula (I) or a stereoisomer or a pharmaceutical acceptable derivative thereof, are disclosed.



Formula (I)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.924/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : LINKAGE ASSEMBLY/SYSTEM OF A SWITCHBOARD ENCLOSURE/CABINET.

(51) International classification	:H02B1/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANKAJ A. DHEER
(61) Patent of Addition to Application Number	:NA	2)ROHIDAS H. LASTE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a linkage mechanism for a door of a switchboard cabinet. The linkage mechanism comprises a first bracket, a second bracket, a first lever, a second lever, a sleeve/stopper and a pin. The linkage mechanism engages with the door of the switchboard cabinet at one end and a corner pillar of the cabinet switchboard cabinet at the other end. The linkage mechanism provides self locking of the door in an open position.

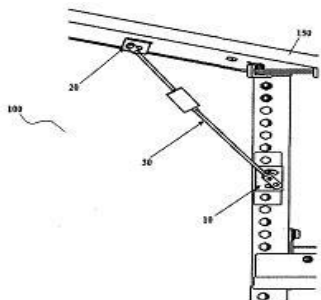


Figure 1

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

(54) Title of the invention : LOADING OF DELTA DATA INTO HIVE TABLE

(51) International classification	:H04L29/06, H04L29/08, G06F9/00	(71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MANAKKAL, Rony Pius
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A data loading system (104) for loading delta data into a Hive table includes a determination module (122) to determine one or more partition folders of the Hive table to be updated based on the delta data, where a partition folder is indicative of partitions in the Hive table, and where the delta data includes data to be loaded into the Hive table. The data loading system (104) further includes a replacement module (124) to generate one or more temporary folders based on merging the delta data and data in the Hive table, where each temporary folder corresponds to a partition folder. The replacement module (124) may then replace the one or more partition folders with the one or more temporary folders to load the delta data into the Hive table, where each partition folder is replaced with the corresponding temporary folder.

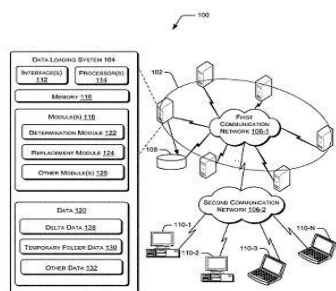


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.990/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPUTER IMPLEMENTED GAMIFIED LEARNING PLATFORM WITH A TIGHTLY COUPLED STUDY METER

(51) International classification :G06F19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021.Maharashtra, India Maharashtra India

(72)Name of Inventor :

1)MAHARAJ, Ashok Doraisamy

2)KUPPUSAMY, Dilip Murugesan

3)RANGANATHAN, Venkatakrisnan

4)KAKANI, Padmaja

5)RAMAKUMAR, Adhithya

6)NANDAKUMAR, Suganya

7)Saraswathy Renuga

(57) Abstract :

The present disclosure envisages a computer implemented network enabled learning aid, and a system and method for measuring a learners progress for professionals and novices alike. The system implements gamified learning techniques rather than monotonous age old learning exercises. This builds up users interest in the system and motivates the users to perform better every time. Additionally, the learning techniques implemented using the system of the present disclosure inherently improve the learning abilities of the users in a progressive manner. The system includes a study meter which is automatically calibrated with respect to the users performances at each learning levels. The study meter cooperates with a feedback module that is configured to provide feedback or review based on the users performance in real time. This gives the user an unbiased knowledge of the areas where the user needs to focus and improve his learning abilities accordingly.

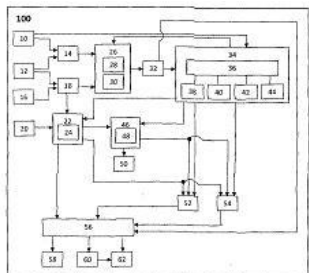


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1199/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD OF ISOLATED DETECTION OF STATUS OF CIRCUIT BREAKER AND CONTROL OF CIRCUIT BREAKER USING A WIRED OR WIRELESS COMMUNICATION DEVICE

(51) International classification	:H02H7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JHAVERI, Rachit, Shailain
(61) Patent of Addition to Application Number	:NA	2)SUPEDA, Prahlad
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System, a communication device, and method thereof for status detection and control of circuit breakers are disclosed. The communication device (103, 205) comprises a status sensor circuit (202) configured to sense a status signal of the breaker on at least one input terminal, transmit the same to a microcontroller circuit (203), and display said status of said circuit breaker. The said microcontroller circuit (203) receives said status signal as input, decodes it in a compatible format to generate decoded signal, transmit a series of signals to a convertor thereby communicate with computing device (106, 207), receives at least one command signal to control operations of said circuit breaker (102, 201) and initiate a control circuit (204) by sending a initiate signal. A control circuit (204) is provided to receive said initiate signal, and thereby control operations of said circuit breaker (102, 201).

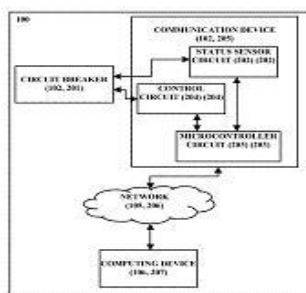


FIGURE 1

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1542/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :03/05/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HOOD FOR PREVENTING THE DISCHARGE OF DEBRIS FROM A WASTEWATER COLLECTION BASIN

(51) International classification	: E03F5/14, B01D35/02	(71)Name of Applicant : 1)Brentwood Industries, Inc.
(31) Priority Document No	:14/015,677	Address of Applicant :610 Morgantown Road, Reading, PA
(32) Priority Date	:30/08/2013	19611, United States of America U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Jason Bailey
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[0043] An oil and debris separation hood mounts on the interior surface of a wastewater collection basin to cover the outlet opening and prevent hydrocarbons, debris and other pollutants from being discharged from the collection basin. The hood device includes a rounded body portion formed with a mounting flange extending along the back side of the hood device from a bottom edge and over the top portion. The upper portion of the hood device includes an access port closed by a sealable lid to provide access to the outlet pipe without removing the hood device from the collection basin. The top portion of the mounting flange is formed with a built-in vent opening that allows the pressure within the hood device to be equalized to the ambient air. The hood device can be formed from plastic sheet material through thermoforming techniques, and includes strengthening ribs and a hand grip.

No. of Pages : 26 No. of Claims : 20

(54) Title of the invention : AUXILIARY (AUX) CONTACT ACTUATION SYSTEM ARRANGEMENT TO BE USED IN SWITCHGEARS

(51) International classification	:H01H33/34, H01H3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DNYANESHWAR, Dhongade
(61) Patent of Addition to Application Number	:NA	2)KASIVISWANADHAM, P.
Filing Date	:NA	3)NAGARJUN,K .
(62) Divisional to Application Number	:NA	4)TOMAR, Brajesh, Singh
Filing Date	:NA	

(57) Abstract :

The present invention provides an auxiliary (AUX) contact actuation arrangement for the circuit breaker. The arrangement comprises: an auxiliary switch assembly comprises at least three terminal(s) and a auxiliary actuator link; an operating mechanism assembly; a rotating shaft having a rotor pivot profile and an actuator interface feature, the shaft assembled in a cassette by inserting the rotor pivot in a hole provided on the cassette, and the actuator interface feature projecting out through a slot provided on the cassette; wherein an auxiliary actuator having at least two interface feature(s) and a slot; the auxiliary actuator connected to the rotating shaft by securing the slot with the actuator interface feature, therefore the auxiliary actuator facilitating upward and downward movement with the movement of the rotating shaft; thereby actuating the auxiliary switch assembly for indicating position of the rotating shaft during operation of operating mechanism assembly in ON & OFF condition.

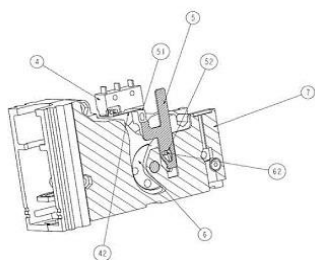


Figure 8(a)

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

(54) Title of the invention : SINGLE POINT HOT CALIBRATION METHOD FOR MODULAR THERMAL RELEASE

(51) International classification	:G01K15/00, G08C19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box:
(33) Name of priority country	:NA	278,Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KANNAN, Kamalaraj
(61) Patent of Addition to Application Number	:NA	2)SUBBAIA, Gayathridevi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a modular thermal release (TM) to issue the trip command to the mechanism of the breaker. The thermal release consists of a heater (1), bimetal (2), bimetal calibration screw (3), shaft (4), temperature compensation bimetal (5), latch (6) and tripper (7). During overload condition, as discussed earlier, bimetal (2) gets deflected by indirect heating. This deflection rotates the shaft (4) which in turn gives signal to temperature compensation bimetal (5). The compensation bimetal (5) then de-latches the latching system so that the tripper (7) issues the trip command to the mechanism. In one implementation, in present invention, the TM release is calibrated in a single iteration and from single access point. Further, the loading of bimetal is avoided during hot calibration as the calibration is done through the temperature compensation bimetal.

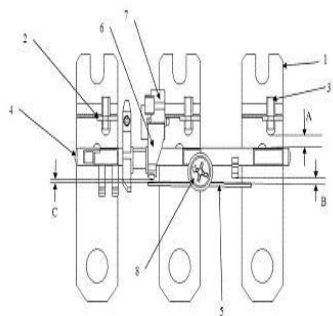


Figure 4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.983/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MICROCONTROLLER EMULATION USING NON VOLATILE MEMORY

(51) International classification :G05B19/042
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LARSEN & TOUBRO LIMITED
Address of Applicant :L & T House, Ballard Estate, P.O. Box
278, Mumbai 400 001, State of Maharashtra, India Maharashtra
India
(72)Name of Inventor :
1)SHAIKH, Usufe
2)NERURKAR, Shrikrishna

(57) Abstract :

Disclosed is microcontroller emulation using non volatile memory by replacing external memory with another microcontroller which would emulate UV EPROM or E2PROM. The proposed invention would be drop in replacement on PCB without causing any change in circuit design or logic re-design of Trip Unit. This invention shall be detailed in subsequent section.

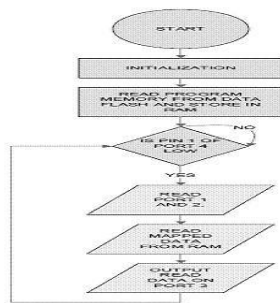


Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.984/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A CURRENT SOURCE SCHEMING USING A SINGLE SERVO SYSTEM

(51) International classification	:H03L7/00, H03L7/16	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box:
(32) Priority Date	:NA	278,Mumbai 400 001, State of Maharashtra, India Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)DUBE, Reena, R.
(87) International Publication No	: NA	2)BURA, Virender ,S.
(61) Patent of Addition to Application Number	:NA	3)JADAV, Vikram,C.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an alternate arrangement of multiple current sources scheming using a single servo system for interlocking multiple drives system by servo application. The system comprises of at least one alternating current (AC) source, wherein one phase of the at least one alternating current (AC) source is supplied to an electromechanical switch, and another phase of the at least one alternating current (AC) source is supplied to a thermistor. The thermistor senses at least one windings of a transformer and breaks a supply circuit. At least one servo controller is also disclosed that is configured to receive feedback from the transformer and transmit the feedback to at least one motor to rotate, wherein the at least one motor rotates to generate an output current. The at least one transient recorder configured to record data, and at least one relay circuit is also disclosed.

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

(54) Title of the invention : A SYSTEM AND METHOD FOR CHARGING ELECTRIC VEHICLES

(51) International classification	:H02J7/00, B60L11/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mahindra Engineering Services Ltd.
(32) Priority Date	:NA	Address of Applicant :Embassy Tech Zone SEZ,1st Floor,
(33) Name of priority country	:NA	Wing B, Plot No.3,Phase II, Rajiv Gandhi Infotech Park,
(86) International Application No	:NA	Hinjewadi, Pune. MH India Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Jaywant Deoram Mahajan
(61) Patent of Addition to Application Number	:NA	2)Nitin Rajaram Ajure
Filing Date	:NA	3)Chodisetty T Ram Mohan Rao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides the present invention provides a system for charging electric vehicles. The system having a plurality of chargers, charger interface boards, a controller, a display unit and a connector. The plurality of chargers is connected in parallel with reach other. The charger interface board is connected to each of the chargers, each of the charger interface board connected with each other through a first controller area network. The controller to each of the plurality of charges and to at least one of the charger interface board. The display unit is connected to the controller for displaying instructions and charging status of the charging system and the electric vehicle. The connector is connected to the controller and with a charging port of the electric vehicle. Further, the connector is capable of reading charge status of the vehicle and providing the status to the controller, thereafter the controller operating the at least one charger interface board to supply the required current and the voltage to the electric vehicle through the connector for charging the vehicle faster.

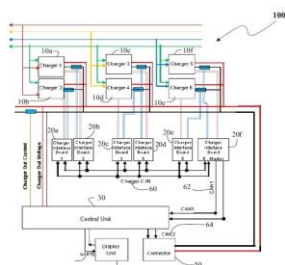


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1042/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF DABIGATRAN WITH AN ORGANIC ACID

(51) International classification	:A61K9/00, A61K9/20	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD 380015 GUJARAT, INDIA Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KULKARNI SUSHRUT KRISHNAJI
(87) International Publication No	: NA	2)HANDA AJAYKUMAR
(61) Patent of Addition to Application Number	:NA	3)BAHETI SAGAR JUGALKISHOR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising a first component comprising dabigatran or a pharmaceutically acceptable salt thereof in the form of a tablet and a second component comprising an organic acid. The invention also relates to processes for the preparation of such compositions and using those compositions to reduce the risk of stroke and systemic embolism in patients with non-valvular atrial fibrillation.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1990/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : UTILIZATION OF THE NOVEL, ENVIRONMENTAL ISOLATE PSEUDOMONAS SP. IPB-A36 FOR THE EFFICIENT PRODUCTION OF MCL/LCL-PHAs AND SPECIALTY-PHAs

(51) International classification	:C12P7/62	(71)Name of Applicant :
(31) Priority Document No	:13173575.5	1)DRITTE PATENTPORTFOLIO
(32) Priority Date	:26/06/2013	BETEILIGUNGSGESELLSCHAFT MBH & CO. KG
(33) Name of priority country	:EPO	Address of Applicant :Berliner Str. 1, 12529 Schenefeld/OT
(86) International Application No	:PCT//	Waltersdorf, Germany Germany
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)GALI, Mⁿica Bassas
(61) Patent of Addition to Application Number	:NA	2)RIVAS, Sagrario Arias
Filing Date	:NA	3)MOLINARI, Gabriella
(62) Divisional to Application Number	:NA	4)TIMMIS, Kenneth Nigel
Filing Date	:NA	

(57) Abstract :

The present application is directed at a microorganism of the genus Pseudomonas as deposited under DSM26198 with the Leibnitz Institute DSMZ. The present application is further directed at a process for the production of medium- and long-chain PHAs, comprising cultivating said microorganism in a culture medium comprising a carbon source and isolating the PHA from the microorganism. It has been observed that the microorganism allows for PHA production in high yield. In addition, the inventive microorganism possesses the valuable capability to efficiently incorporate unsaturated and/or aromatically modified fatty acids into the resulting PHAs. Accordingly, the inventive microorganism enables the production of chemically diverse PHAs, opening new fields of applications for these materials.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

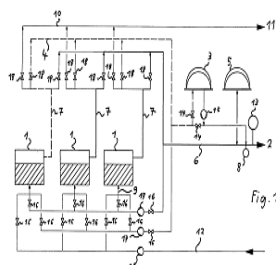
(54) Title of the invention : BIOGAS PLANT AND METHOD FOR OPERATING A BIOGAS PLANT

(51) International classification :C12M1/107
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/004853
Filing Date :29/09/2011
(87) International Publication No :WO 2013/044935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KOMPOFERM GMBH
Address of Applicant :Max Planck Strae 15 33428 Marienfeld
Germany Germany
(72)Name of Inventor :
1)EGGERSMANN Karl
1/4nter

(57) Abstract :

A biogas plant has at least one fermenter (1) preferably a dry fermenter for generating biogas in addition a biogas utilization appliance (2) and a first gas store (3) for storing biogas. The gas store (3) is connectable to a first biogas conduit (4) that is connectable to a gas outlet (7) of the at least one fermenter (1). The biogas plant has a second gas store (5) for storing biogas. The second gas store (5) is connectable to a second biogas conduit (6) that is connectable to a gas outlet (7) of the at least one fermenter (1). The biogas utilization appliance (2) is connectable to the first biogas store (3) and/or to the first biogas conduit (4) and to the second biogas store (5) and/or to the second biogas conduit (6). The biogas plant has a control appliance (8) for controlling the quantitative ratios of the biogas streams conducted from the biogas conduits (4 6) and/or the biogas stores (3 5) to the biogas utilization appliance.



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

(54) Title of the invention : SOLVATES OF HIV PROTEASE INHIBITOR AND PROCESSES FOR PREPARATION THEREOF

(51) International classification

:A61K31/353,
A61P31/18

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LUPIN LIMITEDAddress of Applicant :159 CST Road, Kalina, Santacruz
(East), Mumbai-400 098, State of Maharashtra, India Maharashtra
India

(72)Name of Inventor :

1)SINGH, Girij Pal;**2)BHISE, Nandu;****3)VYAS, Rajesh;****4)VARMA, Devendrakumar;****5)BHATNAGAR, Akshat;****6)KUMBHAR, Krishnat;****7)DESHMUKH, Amol;****8)SASANE, Sachin;****9)AHIRE, Vijay;**

(57) Abstract :

Novel solvates of HIV protease inhibitor and processes for preparation thereof. These solvates of HIV protease inhibitor, particularly darunavir are stable, and viable at plant scale.

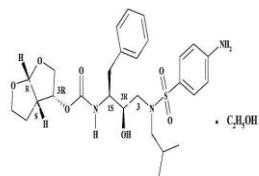


Figure - 1

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

(54) Title of the invention : A PARTICULATE MATTER REGENERATION SYSTEM AND A METHOD THERE OF

(51) International classification	:F01N3/02, F01N3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAKHESH B
(61) Patent of Addition to Application Number	:NA	2)BAKARE AMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a particulate matter regeneration system for an internal combustion engine. The system comprises an exhaust conduit fluidly connected with an exhaust valve of the internal combustion engine. The exhaust conduit is configured to route exhaust gas from the engine to surroundings. One or more particulate matter filters positioned in the exhaust conduit, wherein the one or more particulate matter filters are configured to capture the particulate matter in the exhaust gas. Further, a fluid supply unit fluidly connected in between an inlet of the internal combustion engine and the one or more particulate filters, wherein the fluid supply unit is configured to selectively route at least a portion of an inlet fluid through the one or more particulate matter filters to the internal combustion engine. Figure 1

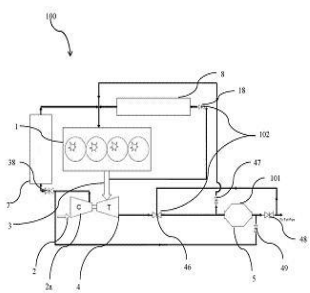


FIGURE 1

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1122/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED DOUBLE-BREAK CIRCUIT BREAKER ROTOR CONSTRUCTION FOR CURRENT BREAKING IN CIRCUIT BREAKERS

(51) International classification

:H01H73/04

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India

(72)Name of Inventor :

1)BHANUSHALI, Nikunj

2)P., Neena, K.

(57) Abstract :

An improved double-break circuit breaker rotor construction for current breaking in circuit breakers is disclosed. The improved contact system comprises of a rotor (1) with at least one moving contact (2); at least two rotor covers (3a, 3b); at least one spring assembled in a spring holders (5); wherein when said moving contact (2) moves to a repelled position, an arcing happens and arc products and hot gases are produced; and said at least one moving contact (2) comprises at least one cover (17) that isolates a spring chamber from an arcing zone.

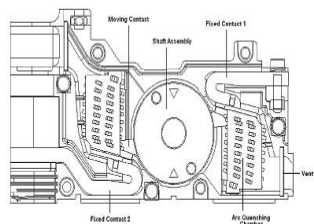


Figure 4

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

(54) Title of the invention : AN EMERGENCY DISCHARGING MECHANISM FOR SWITCHGEAR

(51) International classification	:H01H3/30, H01H9/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O.Box:
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SENGUPTA, Himadri
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an electrical switchgear mechanism. The electrical switchgear mechanism comprises of at least one first link (1) positively housed on at least one first slot of at least one close shaft (11) and at least one second link (2) positively housed on at least one second slot of at least one trip shaft (21). At least one third link (3) is provided for connecting the at least one first link (1) and the at least one second link (2) using at least one joining member (31, 33). The mechanism is further provided with at least one stop button (6) mounted on the at least one third link (3).

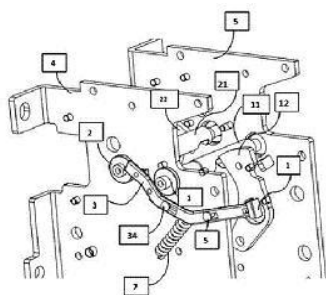


Figure 1

No. of Pages : 15 No. of Claims : 8

(54) Title of the invention : OIL COOLER

(51) International classification	:F28D9/00, F28F3/08	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay house, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)DATTATRAYA KANASE
(61) Patent of Addition to Application Number	:NA	2)AMAR BAKARE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An oil cooler comprising: a core component having an oil inlet port and an oil outlet port provided proximal to each other wherein, the oil inlet port and the oil outlet port are fluidically connected to an oil filter. A core component shell configured concentrically around the core component forming a heat sink wherein, an inlet port and an outlet port are provided on outer surface of the core component shell for coolant fluid flow. A barricade element configured in-between the core component and the core component shell placed in a first flow path between the inlet port and the outlet port to block the coolant fluid flow from the inlet port to the outlet port through the first flow path. Figures 4 and 5

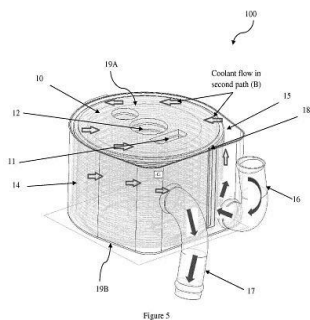


Figure 5

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1548/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :05/05/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR DETERMINING THE LOCATION OF MECHANICAL ELEMENTS

(51) International classification :G01B11/14, H04N5/232
(31) Priority Document No :102013007661.7
(32) Priority Date :06/05/2013
(33) Name of priority country :Germany
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PRFTECHNIK Dieter Busch AG
Address of Applicant :Oskar-Messter-Strae 19-21, 85737
Ismaning, Germany Germany
(72)Name of Inventor :
1)Roland Hlzl

(57) Abstract :

ABSTRACT Title.: Device for Determining the Location of Mechanical Elements The invention relates to a device for determining the location of a first mechanical element (10, 156) and a second mechanical element (12, 154) with respect to each other, with a first measurement unit (14, 114, 214) for positioning at the first mechanical element, a second measurement unit (18, 118, 218) for positioning at the second mechanical element, and an analysis unit (22), wherein the first measurement unit has means (24, 124, 224) for producing a light beam bundle (28, 128, 228), wherein the second measurement unit has a scattering surface (34, 134, 234) for scattering of the light impinging on the scattering surface, a camera (36), and means for imaging the scattering surface on the camera, wherein the scattering surface faces the first measurement unit when the measurement units are positioned at the respective mechanical element so as to be impinged on by the light beam bundle, wherein the analysis unit is designed to determine from the image data supplied by the camera the position of impingement of the light beam bundle, emitted by the first measurement unit, on the scattering surface and from it the location of the first mechanical element and the second mechanical element with respect to each other, and wherein the camera is directed onto the side of the scattering surface facing the first measurement unit. Ref. Fig. 1

No. of Pages : 38 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1206/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

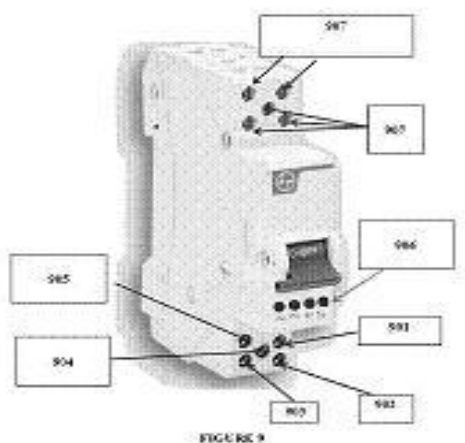
(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPACT DESIGN AND ARRANGEMENT OF TERMINALS FOR MULTI-FUNCTIONAL MODULAR DEVICES

(51) International classification	:G07F19/00, G07G1/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)JETHLIYA, Rajesh
(32) Priority Date	:NA	2)PATIL, Tejaskumar
(33) Name of priority country	:NA	3)SWAMINATH, Soumya
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a compact design and arrangement of terminals for multi-functional modular devices. In one implementation, a terminal arrangement for a device with multiple input and multiple output signals is disclosed. The terminal arrangement characterized in that, having at most five terminals on each side, at most five terminal holders, at least one metal strip, at least one metal strip-screw separator to avoid shorting, and at least one cable holder. The five terminals are inserted into a box clamp for proper insertion of cables thereby providing maximum contact area with five terminals giving firm contact with said five terminals resulting in lower mill volt drop values across said five terminals; and said five terminal holders holds said at most five terminals in a position.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1207/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPATIBLE MECHANICAL ROTOR SHAFT CONTACT ASSEMBLY

(51) International classification	:H01H73/04, H01H71/02	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOR , Mrugesh
(87) International Publication No	: NA	2)K. Vetrivel
(61) Patent of Addition to Application Number	:NA	3)KUMAR, Raghvendra
Filing Date	:NA	4)KAPU, Nagarjun
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved mechanism-rotor shaft assembly for molded case circuit breaker. The assembly comprises a housing; a contact system within housing comprises fixed contacts and moving contacts; a drive shaft assembly within housing comprises a rotor shaft (R1) having slots (R11, R12); an operating mechanism assembly within the housing comprises a lower links (7) and a upper links. The lower link (7) having two legs with plurality of protrusions (71, 72) thereon forming at least two protruding surface (73, 74) at the end of the legs. The drive shaft assembly operatively connected to the operating mechanism assembly by inserting the protrusions (71, 72) on the lower link (7) in the slot provided on the rotor shaft of the circuit breaker therefore reducing the failure of the circuit breaker in ON, OFF, TRIP and RESET operational conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.813/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ORGANOGEL STRUCTURED WITH 12 HSA AND A SELECTED COPOLYMER

(51) International classification :A61K8/81,A61K8/365,A61Q15/00
(31) Priority Document No :61/558780
(32) Priority Date :11/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/071929
Filing Date :06/11/2012
(87) International Publication No :WO 2013/068345
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
Address of Applicant :100 Victoria Embankment London
Greater London EC4Y 0DY U.K. U.K.
(72)**Name of Inventor :**
1)LITVIN Tamara
2)LIPS Alexander

(57) Abstract :

Disclosed are organogels comprising selected amounts of 12 hydroxystearic acid gelator cosmetically acceptable oil a copolymer that carries at least 70% by weight of the copolymer of pendant alkyl groups having chain length of C C and optionally co structurant; also disclosed are cosmetic compositions that comprise such organogels.

No. of Pages : 32 No. of Claims : 17

(54) Title of the invention : ENCAPSULATED VACUUM CONTACTOR ASSEMBLY

(51) International classification	:H01R11/24, H01H3/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)TAMCO SWITCHGEAR SDN BHD
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHRIVASTAVA, Avanish
Filing Date	:NA	2)RAJHANS, Rupesh Subhashrao
(62) Divisional to Application Number	:NA	3)KUMBHAR, Mahesh, Shankar
Filing Date	:NA	4)BHOSALE, Sunil Santu
		5)DASH, Sudhansu, Sekhar

(57) Abstract :

The present invention provides an encapsulated mould assembly for a vacuum contactor, therefore providing protection to human life with proper electrical insulation. The encapsulated structure provides more electrical insulation, free from dust & mechanical support for vacuum interrupter and fuse assembly. If the arcing phenomena continued for a long period, for some different reason then it may not absorbed generated high temperature, therefore vacuum interrupter can implode. The present invention provides protection from the contents coming out from blast such as: breaks ceramic pieces, metal parts and other contents. This hazards component will gathered inside and save the human life from dangerous arc flash & accident.

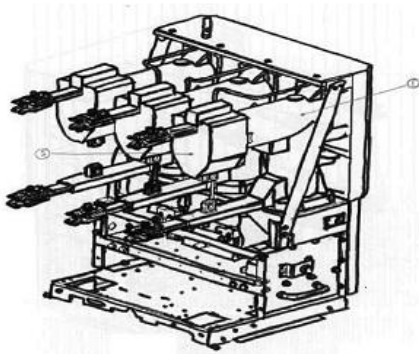


Figure.1

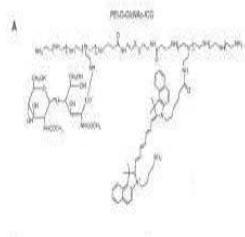
No. of Pages : 19 No. of Claims : 11

(54) Title of the invention : SUGAR CHAIN-CONTAINING POLYMER, AND SUGAR CHAIN-CONTAINING POLYMER COMPLEX

(51) International classification	:C07H 15/00, C07H 3/00	(71)Name of Applicant :
(31) Priority Document No	:246145/2013	1)SOMAR CORP.
(32) Priority Date	:28/11/2013	Address of Applicant :11-2, GINGA 4-CHOME, CHUO-KU, TOKYO 1040061 JAPAN Japan
(33) Name of priority country	:Japan	2)KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Bong Hyun CHUNG
(87) International Publication No	: NA	2)Hirohiko ISE
(61) Patent of Addition to Application Number	:NA	3)Toshihiro AKAIKE
Filing Date	:NA	4)Sun-Jung KIM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sugar chain-containing polymer that enables targeting to the lesion area of liver fibrosis and is useful for imaging, diagnosis and therapy of liver fibrosis; and a sugar chain-containing polymer complex comprising the polymer as a carrier for an anionic substance useful for therapy and the like; are provided. The polymer is a sugar chain-containing polymer which is a cationic polymer comprising an amine, which polymer comprises N-acetylglucosamine bound thereto. The polymer preferably has a disulfide bond. The polymer preferably has a structure in which polyethyleneimine is linked via a disulfide bond.



No. of Pages : 28 No. of Claims : 11

(54) Title of the invention : TOROIDAL CORE FOR A CURRENT TRANSFORMER.

(51) International classification	:H01F 27/25	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DEEPAK KUMAR VERMA
(61) Patent of Addition to Application Number	:NA	2)GANESH SHETYE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a toroidal core for a current transformer. The current transformer includes at least a pair of windings that wind on the toroidal core. Each winding of the pair of windings has a pair of terminals. The toroidal core of the present invention includes at least two or more discs that are capable of being stacked coaxially. At least one disc of the at least two discs is configured with a gap extending radially forming a break on one side. Further the plurality of discs is wound by the pair of windings. Further at least one disc of the at least two or more discs is sandwiched therebetween.

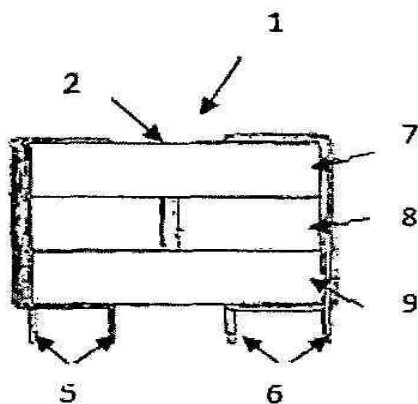


Figure 2

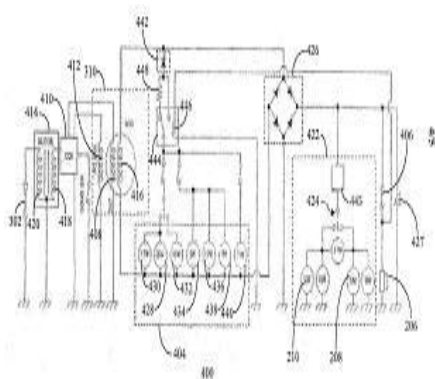
No. of Pages : 16 No. of Claims : 1

(54) Title of the invention : METHOD AND APPARATUS FOR MOTORCYCLE ELECTRIC POWER SUPPLY

(51) International classification	:B62K23/02, B62K23/00	(71)Name of Applicant : 1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Takao FUJIWARA
(33) Name of priority country	:NA	2)Mitsuhito YOKOSUKA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

TITLE.: METHOD AND APPARATUS FOR MOTORCYCLE ELECTRIC POWER SUPPLY [0036] An electrical system in a batteryless small size vehicle is disclosed which can provide power from an engine to a lamp load including one or more lamps and to a horn even when the engine is idling or operating in a low power range. The electrical system is coupled to an engine of the small size vehicle (e.g., a motorcycle) and includes a generator coupled to the engine for generating electric power in response to the engine. One or more lamps are coupleable to the generator and at least one horn coupleable to the generator. An electric converter device is coupled to the generator for decreasing a voltage applied to the one or more lamps by the generator to a rated lamp voltage of the one or more lamps when the at least one horn is operated. REF. FIG. 4.

**FIG. 4**

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1087/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FUNCTIONAL MICROENCAPSULATION OF PERMETHRIN OR PYRETHROID CLASS OF COMPOUNDS FOR APPLICATION IN COSMETIC, INDUSTRIAL & TECHNICAL TEXTILES AND SURFACE COATINGS

(51) International classification	:A01N25/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KABRA, Puneet
(32) Priority Date	:NA	Address of Applicant :192, Sharmistha, Tarangan Towers,
(33) Name of priority country	:NA	Near Korum Mall, Thane West, Thane 400606, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KABRA, Puneet
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides a method for preparing aminoplast microcapsules from a urea-formaldehyde or melamine-formaldehyde polymer with high methylol/butylol content and a second polymer which is an initiator that is used in conjunction which is a copolymer of one or more anhydrides, preferably ethylene maleic anhydride (EMA).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1654/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PLS HEADER CODING FOR EFFICIENT SIGNALING OF MODULATION AND CODING SCHEMES FOR BROADBAND SATELLITE COMMUNICATIONS SYSTEMS

(51) International classification :H04L12/741, H03C3/00, H04W72/04
(31) Priority Document No :13/896,275
(32) Priority Date :16/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Hughes Network Systems, LLC
Address of Applicant :11717 Exploration Lane, Germantown, Maryland 20876, United States of America. U.S.A.
(72)**Name of Inventor :**
1)LEE, Lin-Nan
2)EROZ, Mustafa
3)BECKER, Neal

(57) Abstract :

An approach is provided for an improved coding approach for efficient header signaling in broadband communications networks, to provide support of expanded modulation and coding scheme sets that facilitate an expansion of the operational ranges of user terminals within such networks and finer granularity within such operational ranges. A mode indicator field of a frame header identifies a modulation/coding mode applied to a data payload of the data frame. The modulation/coding mode is one of either a first or second set of modulation/coding modes. The mode indicator field is encoded and modulated. When the modulation/coding mode is one of the first set, the modulation of the encoded mode indicator field is applied in a first mode, and when the modulation/coding mode is one of the second set, the modulation of the encoded mode indicator field is applied in a second mode.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1572/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COOLING AND CONTROL OF A LOAD BANK USED IN A POWER GENERATION SYSTEM

(51) International classification	:H02J 3/40	(71)Name of Applicant :
(31) Priority Document No	:13/894,629	1)KOHLER CO.
(32) Priority Date	:15/05/2013	Address of Applicant :444 Highland Drive, Kohler, WI 53044,
(33) Name of priority country	:U.S.A.	U.S.A. U.S.A.
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)Robert J. Danforth III
(87) International Publication No	: NA	2)Isaac S. Frampton
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT TITLE.: COOLING AND CONTROL OF A LOAD BANK USED IN A POWER GENERATION SYSTEM A power generation system that may include a generator having an alternator and an internal combustion engine configured to drive the alternator to generate power. The alternator may convert the mechanical energy created by the engine to electrical energy, such as alternating current. The generator may supply the electrical energy from the alternator to various devices which may be connected with the alternator. The power generation system may further include a load bank. The load bank may include one or more resistive elements, inductive elements, capacitive elements, or combinations of elements. The power generation system may include a cooling system that may remove heat from one or both the internal combustion engine and the load bank. The cooling system may include a liquid that passes through various components of the internal combustion engine to transfer the heat to or from the engine and the load bank.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/MUM/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

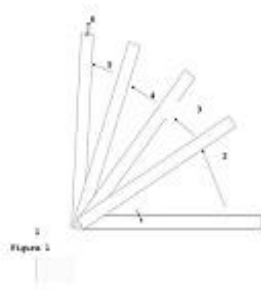
(54) Title of the invention : A PROTECTIVE HEAD-REST

(51) International classification :A47C7/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KESARWANI, Gyan Prakash
Address of Applicant :PLOT-177B, FLAT 402, AMRUT
VARSHA APARTMENT, SHIVAJI NAGAR, NAGPUR-
440010, MAHARASHTRA, INDIA Maharashtra India
(72)Name of Inventor :
1)KESARWANI, Gyan Prakash

(57) Abstract :

Protective head-rest attached to a pillow which comprises a cushioned body attached to a lateral side of a pillow, wherein the cushioned body is capable of being extended outwardly to form an angle nearly perpendicular to the horizontal plane of the pillow, and wherein the cushioned body so attached is capable of being anchored at the said angle, and wherein the cushioned body is of suitable thickness to provide protection to the cranial part of a user.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.949/MUM/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR DETECTING ACTIVITY OF A HUMAN IN AN IMAGE

(51) International classification :G06K9/60
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Tata Consultancy Services Limited
Address of Applicant :Nirmal Building, 9th floor, Nariman point, Mumbai 400021, Maharashtra, India Maharashtra India
(72)Name of Inventor :
1)ROY, Sangheeta
2)CHATTOPADHYAY, Tanushyam
3)MUKHERJEE, Dipti Prasad

(57) Abstract :

Disclosed is a method and system for detecting an activity of a human present in a plurality of images. An image capturing module may capture the plurality of images. An image of the plurality of images comprises pixels, wherein each pixel is having a gray scale value and a depth value. An image processing module may analyze each pixel to identify one or more candidate objects of the plurality of objects in the image. An image analysis module may perform a connected component analysis in order to detect a candidate object of the one or more candidate objects as a human. An activity detection module may detect the activity of the candidate object as one of a walking, a standing, a sleeping, and a sitting.

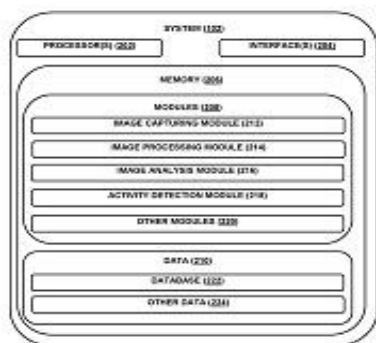


FIGURE 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1072/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

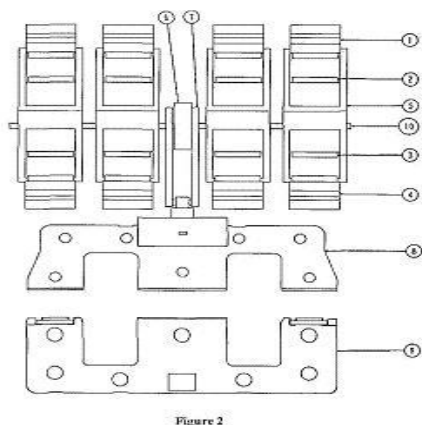
(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERLOCKING CONTACTOR ASSEMBLY FOR A SWITCHING DEVICE

(51) International classification	:H04B 7/185	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MATHIYAZHAGAN A
(61) Patent of Addition to Application Number	:NA	2)J. AJITH KUMAR
Filing Date	:NA	3)OORMILAA SIDHARTHAN
(62) Divisional to Application Number	:NA	4)SHIRISH GAIKWAD
Filing Date	:NA	

(57) Abstract :

Disclosed is an assembly (100) of modular changeover contactors with an interlocking arrangement for a switching device. The assembly (100) comprises a first contactor, a second contactor, a changeover mechanism (60) and an electromagnetic system. The contactors are connected with the changeover mechanism (60) positioned therebetween to form a single integrated unit. The changeover mechanism (60) enables the contactors to achieve pole-wise modularity and also prevents simultaneous switching ON of both the contactors to close an electrical circuit. Figure 2



No. of Pages : 16 No. of Claims : 1

(54) Title of the invention : STAB-IN CONTACT FOR BOLTLESS POWER TAPPING SYSTEM IN A DISTRIBUTION BLOCK FOR A SWITCHING DEVICE

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	4/00	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRITESH KAMALAKAR Bhole
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an arrangement of electrical switching devices with a distribution block to make a compact enclosure with particular forms of separation. The arrangement comprises a vertical busbar and a distribution block. The distribution block comprises a minibuss assembly, an electrical device adaptor assembly and a stab-in contact assembly. The distribution block converts a single power supply input/point into many power outputs in a very compact and modular manner. The arrangement makes effective use of the stab-in contact assembly for boltless power tapping and distribution system. Figure 20a

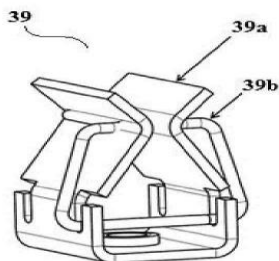


Figure 20a

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

(54) Title of the invention : GEAR LINKAGE MECHANISM FOR SWITCHING DEVICES

(51) International classification	:F16H61/30, B63H21/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHAKTI SINGH GAUR
(61) Patent of Addition to Application Number	:NA	2)PIYUSH HURKAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a gear linkage mechanism (100) for a switching device (200). The gear linkage mechanism (100) is compact and mounted on top of a contact system (180) of the switching device (200) thereby utilizing lesser space in a distribution box panel. The gear linkage mechanism (100) actuates the contact system (180) in a manually independent operation and helps achieve intentional transmission delay.

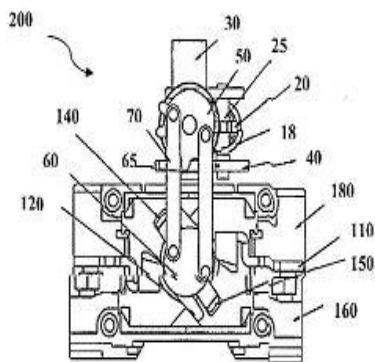


Figure 5

No. of Pages : 19 No. of Claims : 4

(54) Title of the invention : A CONTROL CIRCUIT OF ELECTRICALLY OPERATING MECHANISM FOR CHANGEOVER SWITCH

(51) International classification

:H01H21/18

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House, Ballard Estate,
P.O.Box:278,Mumbai 400 001, State of Maharashtra, India
Maharashtra India

(72)Name of Inventor :

1)V. Srinath

2)S.,Ravi Shankar

3)SABAPATHY, Manikandan

(57) Abstract :

Disclosed is a control circuit to control an electrically operating mechanism (EOM). The control circuit comprises of at least one electro-mechanical relay and at least one actuator. The at least one actuator further comprises of at least one micro-switch arranged in a predefined logical sequence to enable the rotation of a motor in the electrically operating mechanism and at least one projection. The proposed circuit controls the operation of EOM to drive the changeover switch. The micro-switches are utilized to perform a dual function of limiting the supply at the required position as well as to know the state of the CO-SD. They also provide a control over repetition of input signal by not responding to the input signal of the current position of the switch. To be published with figure 2

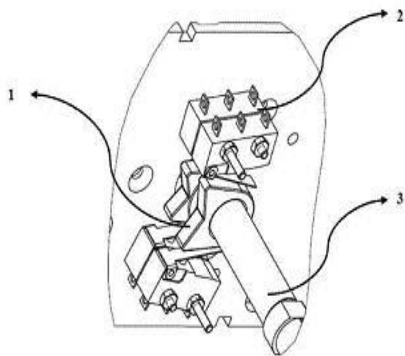


Figure 2

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1230/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AUTOMATIC PARKING AND STORAGE SYSTEM FOR TWO-WHEELERS

(51) International classification

:B62H3/08

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Precision Automation & Robotics India Ltd

Address of Applicant :Gat No. 463A, 463B, 464, Village
Dhangarwadi, Taluka Khandala, District Satara 412801,
Maharashtra, India Maharashtra India

(72)Name of Inventor :

1)Ranjit Date

2)Govind Oza

(57) Abstract :

The disclosures herein are directed towards the construction and operations of an universal automated system for retrievably housing multiple vehicles in a concise footprint. Also disclosed are advantageous methodologies integrated within said system for ensuring fault-free operations and optimization of space, power and time requirements.

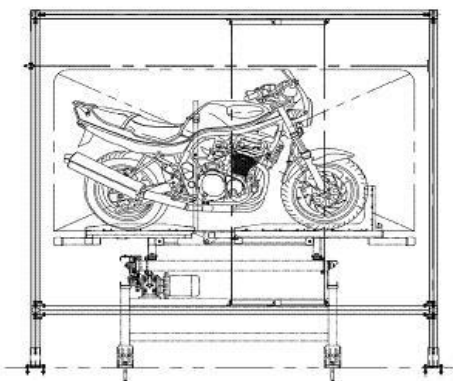


Fig. 1(a)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1231/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A ZEOLITE BASED CATALYST COMPOSITION FOR THE REDUCTION OF OLEFINS IN FCC NAPHTHA

(51) International classification	:C10G11/00, B01J29/18	(71)Name of Applicant : 1)HINDUSTAN PETROLEUM CORPORATION LIMITED Address of Applicant :Petroleum House • , 17, Jamshedji Tata Road, Mumbai 400 020, Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)RAVISHANKAR RAMAN
(32) Priority Date	:NA	2)MEHLA SUNIL
(33) Name of priority country	:NA	3)PEDDY VENKATA CHALAPATHI RAO
(86) International Application No	:NA	4)NETTEM VENKATESWARLU CHOUDARY
Filing Date	:NA	5)GANDHAM SRIGANESH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a zeolite based catalyst composition comprising i. at least one rare earth metal, ii. at least one zeolite, and iii. optionally, at least one promoter; wherein, said rare earth metal is impregnated in said zeolite. The amount of said rare earth metal in said composition is in the range of 0.1 to 20 w/w%. The present disclosure also relates to a process for preparing a catalyst composition. Further, the present disclosure relates to a process for reducing olefin content in a hydrocarbon stream using the catalyst of the present disclosure.

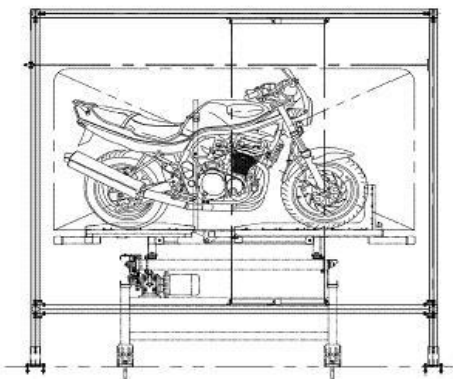


Fig. 1(a)

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

(54) Title of the invention : PROCESS FOR PRODUCING JET FUEL FROM A HYDROCARBON SYNTHESIS PRODUCT STEAM

(51) International classification	:C10G2/00, C10L1/02	(71)Name of Applicant :
(31) Priority Document No	:13001989.6	1)SASOL TECHNOLOGY (PTY) LTD.
(32) Priority Date	:16/04/2013	Address of Applicant :R&D Division, P.O. Box 1, Klasie Havenga Road, 1947 Sasolburg, South Africa South Africa
(33) Name of priority country	:EPO	2)AXENS
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WATERMEYER DE WET Ewald
(87) International Publication No	: NA	2)WILLIAMS Pata Clair
(61) Patent of Addition to Application Number	:NA	3)FEDOU Stephane
Filing Date	:NA	4)GAGNIERE Marielle
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for producing jet fuel comprising the following steps: A.1) separating at least a portion of the C9 to C15 fraction from the product of a hydrocarbon synthesis process; A.2) converting at least a part of the separated C9 to C15 fraction to aromatic hydrocarbons; A.3) obtaining a jet fuel comprising the, optionally further treated, converted separated C9 to C15 fraction of step A.2); B.1) separating at least a portion of the C16+ fraction from the product of a hydrocarbon synthesis process; B.2) reducing the average number of carbon atoms of at least a portion of the separated C16+ fraction; B.3) optionally, separating the C9 to C15 fraction of at least a portion from the product obtained from step B.2); and B.4) adding - at least a portion of the C9 to C15 fraction separated in step B.3), if present; or - at least a portion of the product of step B.2) to - the separated C9 to C15 fraction obtained from step A.1); and/or - the product of one or more of the steps subsequent of step A.1) before step A.3) is effected; and/or - the steps subsequent of step A.1) before step A.3) is effected and/or - step A.3). The present invention furthermore relates to a product obtainable by the process of the invention. The present invention furthermore relates to the use of at least a portion of the C9 to C15 fraction from the product of a hydrocarbon synthesis process wherein at least a part of the fraction has been converted to aromatic hydrocarbons together with at least a portion of the C16+ fraction from the product of a hydrocarbon synthesis process wherein of at least a portion of the C16+ fraction the average number of carbon atoms has been reduced as jet fuel.

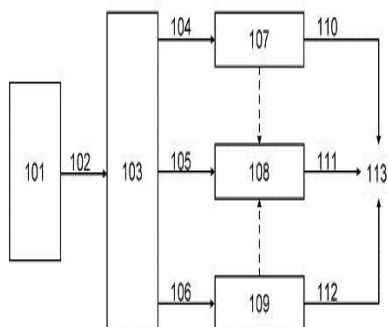


Figure 1

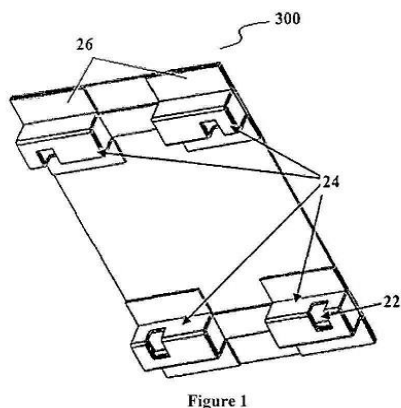
No. of Pages : 41 No. of Claims : 17

(54) Title of the invention : PADDING FOR ELECTRICAL DEVICES

(51) International classification	:H04W	(71)Name of Applicant :
	4/02	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(33) Name of priority country	:NA	001, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROSHAN KADAM
(87) International Publication No	: NA	2)VIJAY V. BHANDARKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is padding for electrical devices. The padding comprises a first side panel, a second side panel, a front panel, a rear panel, a top panel and a bottom panel. The top panel includes a plurality of blocks pasted on each corner on a bottom side thereof Each block of the plurality of blocks includes a slot on bottom side thereof. The first panel and the second panel are secured in the slots. The padding is designed to act as a locator, supporter, protector and shock absorber in the electrical devices packaging.



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

(54) Title of the invention : INTERLOCKING ASSEMBLY FOR SWITCHBOARD PANEL DOOR

(51) International classification	:H02J 17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRANAV G. PUJARI
(61) Patent of Addition to Application Number	:NA	2)MOHIT P. HEMNANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an interlocking assembly for a switchboard panel door for locking with a draw-out type of circuit breaker. The interlocking assembly comprises an actuating link, a cradle component, a panel door component and a stopper. The actuating link facilitates the interlocking assembly to function in Test position of the circuit breaker and makes the cradle component to lock the switchboard panel door in the Test position. The interlocking assembly provides enhanced electrical safety by locking the switchboard panel door with the circuit breaker in both the Test and the Connected positions wherein the control circuit and the power circuit respectively are electrically live.

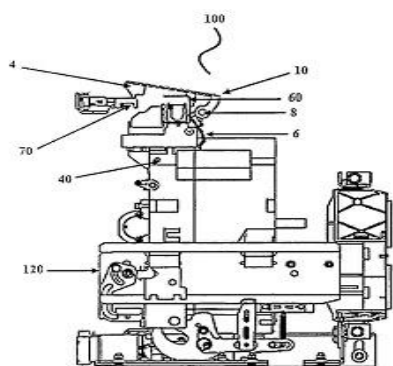


Figure 1

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : LEAF SPRING MECHANISM FOR MOUNTING/UNMOUNTING A DEVICE ON/FROM DIN-RAIL

(51) International classification	:B65D 51/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAYANK PATEL
(61) Patent of Addition to Application Number	:NA	2)AMOL SHIRKE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a leaf spring mechanism for mounting and im-mounting of an electrical device. The electrical device is mounted on a DIN-rail. The electrical device comprises a housing. The housing includes a protrusion configured on a back side thereof. The protrusion supports the leaf spring mechanism therein. The leaf spring mechanism is mounted within the housing and does not require any additional clip mechanism and removing tool like a screw driver for the mounting and the unmounting operation.

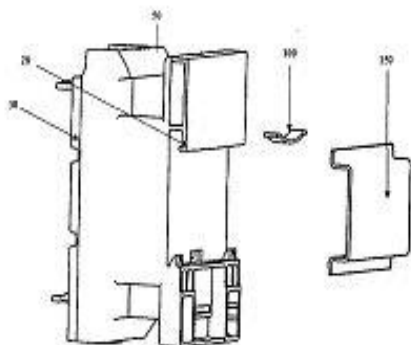


Figure 2

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1185/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODIFIED RELEASE SOLID ORAL PHARMACEUTICAL COMPOSITION OF CYCLOBENZAPRINE OR SALTS THEREOF

(51) International classification	:A61K31/195, A61K9/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Syed Moinuddin
Filing Date	:01/01/1900	2)Daga, Vishal Omprakash
(87) International Publication No	: NA	3)Dabre,Rahul Sudhakar
(61) Patent of Addition to Application Number	:NA	4)Jain, Girish Kumar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a modified release solid oral pharmaceutical composition comprising cyclobenzaprine or salts thereof. In particular, the present invention relates to a modified release solid oral pharmaceutical composition comprising a single unit of mini-tablet comprising cyclobenzaprine or salts thereof in a matrix of one or more release modifying substances, which mini-tablet is coated with one or more water soluble and/or insoluble release modifying substances. The composition may provide extended and specific release of cyclobenzaprine or salts thereof to achieve therapeutically effective plasma concentration over a period of 24 hours to treat muscle spasm associated with painful musculoskeletal conditions when administered to a patient in need thereof. The invention further includes process of preparing such composition.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1186/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PREPARING A MODIFIED RELEASE SOLID ORAL PHARMACEUTICAL COMPOSITIONS OF CYCLOBENZAPRINE OR SALTS THEREOF

(51) International classification	:A61K31/195, A61K9/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Syed Moinuddin
Filing Date	:01/01/1900	2)Daga, Vishal Omprakash
(87) International Publication No	: NA	3)Dabre,Rahul Sudhakar
(61) Patent of Addition to Application Number	:NA	4)Jain, Girish Kumar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for preparing a modified release solid oral pharmaceutical composition comprising cyclobenzaprine or salts thereof. In particular, the present invention relates to a process for preparing modified release solid oral pharmaceutical composition comprising a core comprising cyclobenzaprine or salts thereof and one or more release modifying polymers, which core is coated with one or more water soluble release modifying polymers; wherein the coating is devoid of water insoluble polymers. The composition may provide extended and specific release of cyclobenzaprine or salts thereof to achieve therapeutically effective plasma concentration over a period of 24 hours to treat muscle spasm associated with painful musculoskeletal conditions when administered to a patient in need thereof. The invention also includes process of preparing such composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3501/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/11/2013

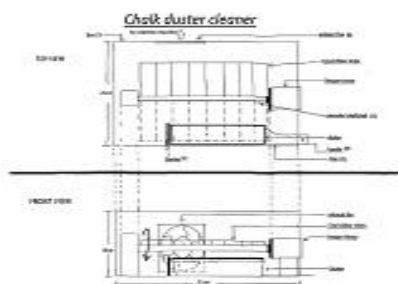
(43) Publication Date : 02/10/2015

(54) Title of the invention : CHALK DUSTER CLEANER

(51) International classification	:A47L13/00, B43L 1/04	(71)Name of Applicant : 1)RAJAT VINAY AKRE Address of Applicant :6/136 GAJANAN DHAM, SAHAKAR NAGAR, KHAMLA ROAD, NAGPUR-440025, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJAT VINAY AKRE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is called as Chalk Duster Cleaner. Blackboards and chalks are used extensively in India. The dusters which are used to clean the blackboards need to be dusted often. However, no gadget or device exists to clean the duster which necessitates dusting of the duster by hitting it against walls next to the board. This leads to the scattering of chalk dust in the classroom resulting in pollution. The invention, Chalk Duster Cleaner is a gadget which provides an effective way to clean the duster. Moreover, the dust generated with the traditional way of dusting a duster is also avoided. Chalk Duster Cleaner is consists of a rectangular box, containing motor and a drawer type arrangement, to insert the duster which is to be cleaned. The shaft of motor is extended and is attached with thick rubber strips. When the motor is turned on these rubber strips rotate and dust the duster inside the box. Moreover, an exhaust is provided to suck out the dust and to collect it.



No. of Pages : 6 No. of Claims : 5

(54) Title of the invention : APPARATUS AND METHOD OF TESTING THE BASIC FUNCTIONALITY AND PROGRAMMING OF THE ELECTRONIC TRIP UNIT OF A MICROPROCESSOR BASED CIRCUIT BREAKER USING A BATTERY OPERATED HAND HELD TEST KIT

(51) International classification :H02H3/093,
H01H33/59
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House, Ballard Estate, P.O. Box
278, Mumbai 400 001, State of Maharashtra, India Maharashtra
India

(72)Name of Inventor :

1)JHAVERI, Rachit, Shailain

2)LANDE, Apeksha

(57) Abstract :

Disclosed are devices, systems, and methods of testing the basic functionality and programming of the electronic trip unit of a microprocessor based circuit breaker using a battery operated hand held test kit. The proposed kit is designed in a manner to make it user friendly, compact and portable. The front display is kept simple in order to reduce the complexity of programming an ETU. It may be designed in a way that minimally skilled personnel will efficiently be able to program an ETU on Field. A hand held device (11) or a battery operated hand held test kit comprises of a five pin connector (5), a power LED (6), an indicator LED (7), a trip indicator LED (10), and at least three switches to test said ETU (2), wherein said at least three switches comprises of a push button switch (12), a slide switch (8), and an edge switch (9).

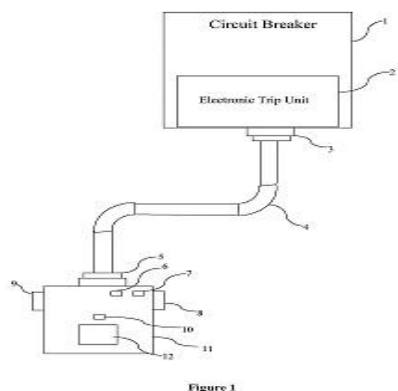


Figure 1

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1165/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

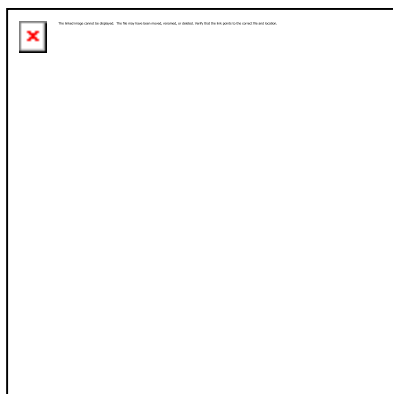
(43) Publication Date : 02/10/2015

(54) Title of the invention : TRACTOR IMPLEMENT CHAIN STABILIZER AND HITCHING ARRANGEMENT

(51) International classification	:A01B59/00, A01B63/10	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :Gateway Building, Apollo Bunder, Mumbai 400001, Maharashtra, India. Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)SAMANT, Sharad Ramkrishna
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract: Title: Tractor Implement Stabilizer And Hitching Arrangement The present invention relates to a stabiliser in a three-point hitch arrangement to restrict lateral sway of the hitch arrangement during lowering or raising the three-point hitch. The stabilizer comprises a pair of stabiliser, and a pair of pivot links. The stabiliser is connected to a pair of lower links of the three-point hitch arrangement in a criss-cross manner, thereby adjusting pivot points of the lower links and the stabiliser co-axially or substantially co-axially during lowering or raising the three-point hitch.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1987/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/06/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MUSCULO-SKELETAL MODELING USING FINITE ELEMENT ANALYSIS, PROCESS INTEGRATION, AND DESIGN OPTIMIZATION

(51) International classification	:G09B23/32	(71)Name of Applicant :
(31) Priority Document No	:13/927,898	1)DASSAULT SYSTEMS SIMULIA CORP.
(32) Priority Date	:26/06/2013	Address of Applicant :166 Valley Street Providence, Rhode
(33) Name of priority country	:U.S.A.	Island 02909, United States of America U.S.A.
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)SETT, Subham
(87) International Publication No	: NA	2)OANCEA, Victor George
(61) Patent of Addition to Application Number	:NA	3)HURTADO, Juan Antonio
Filing Date	:NA	4)CHINNAKONDA, Manoj Kumar Mohanram
(62) Divisional to Application Number	:NA	5)SARASWAT, Prabhav
Filing Date	:NA	6)YAO, Jiang

(57) Abstract :

The present invention relates to a method and corresponding system for modeling a musculo-skeletal system. An embodiment of the method of the invention begins by scaling and positioning a musculo-skeletal model to correspond with motion capture data of a subject. Next, kinematically consistent motion data is generated from the motion capture data and then an inverse dynamic analysis of the musculo-skeletal model is performed using the generated kinematically consistent motion data, such that at least one analysis result is generated. The musculo-skeletal model is then updated to correspond with the at least one analysis result of the inverse dynamic analysis. Finally, the muscle activation of the updated musculo-skeletal model is optimized by determining at least one muscle force using the updated musculo-skeletal model, and by further updating the updated musculo-skeletal model to correspond with the determined at least one muscle force.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1974/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/06/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ADAPTER WITH CONCEALMENT PORTION AT BUCKET TIP END AND BUCKET MOUNTED ON WORKING MACHINE FOR EXCAVATION AND THE LIKE

(51) International classification	:E02F9/28, E02F3/40
(31) Priority Document No	:2013-160746
(32) Priority Date	:01/08/2013
(33) Name of priority country	:Japan
(86) International Application No	:PCT//
Filing Date	:01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Echigo Shoji Co., Ltd.
Address of Applicant :9353-102, Teradomari-ueda-machi,
Nagaoka-shi, Niigata-ken 940-2502, Japan Japan
(72)**Name of Inventor :**
1)Kiyoshi WATANABE

(57) Abstract :

ABSTRACT ADAPTER WITH CONCEALMENT PORTION AT BUCKET TIP END AND BUCKET MOUNTED ON WORKING MACHINE FOR EXCAVATION AND THE LIKE [Problem] The present invention provides an adapter with concealing portion at a bucket tip end having an existing adapter function in this type of adapters, that is, a function as an adapter tool when a tooth board or a point is attached to a bucket tip end portion, and if being used as an adapter when the tooth board is attached to the bucket tip end portion, by being configured to cover/conceal the bucket tip end portion (edge portion), abrasion at the bucket tip end portion is drastically reduced and a life of the bucket itself is drastically extended and thus, a replacement period/replacement work of a bucket can be drastically extended and as a result, cost reduction of this type of working machines can be realized. [Solution] An adapter 11 with concealing portion at a bucket tip end of the present invention is to be attached to an edge portion 2 of a bucket 1 for an operation performing excavation and the like and is configured to have an adapter main body 14 provided with an attachment portion 12 attached to the edge portion 2 of the bucket 1 and a projecting body 13 for attaching a point 31 or a tooth board 41, projected from this attachment portion 12; and a concealing portion 15 integrally formed in a state projecting sideward from the attachment portion 12 of the adapter main body 14, attached to this edge portion in a state covering the edge portion on the side of the attachment portion 12 and concealing the edge portion 2. Fig. 1

No. of Pages : 23 No. of Claims : 9

(54) Title of the invention : A SUPPORT HINGE ASSEMBLY FOR A HOOD OF A VEHICLE

(51) International classification :E05D15/32
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TATA MOTORS LIMITED
 Address of Applicant :Bombay House, 24 Homi Mody Street,
 Hutatma Chowk, Mumbai 400 001, Maharashtra, India
 Maharashtra India
 (72)Name of Inventor :
1)Rhutesh Mahendra Jethawa
2)Kunal Suresh Gaikwad
3)Mangesh Dada Gangurde

(57) Abstract :

A SUPPORT MECHANISM FOR CLOSURE OF A VEHICLE • ABSTRACT The present disclosure provides a mechanism for supporting closure of a vehicle in an open position. The mechanism comprises a first bracket connectable to a vehicle body, and a second bracket having a first portion pivoted to the first bracket, and a second portion connectable to the closure. Further, the mechanism comprises a third bracket, wherein first end of the third bracket is pivoted to first end of the first bracket, and second end of the third bracket is configured to slide on the second bracket to reside in a provision provided on the second bracket. Further, at least one resilient member is provided in the mechanism which is adapted to urge the third bracket towards the second bracket. FIG. 1

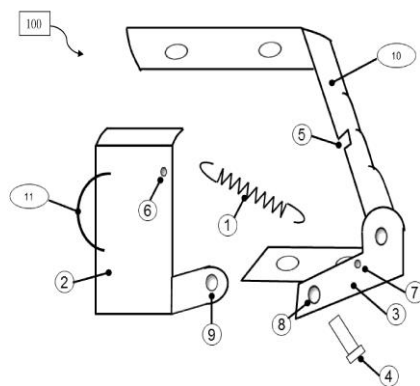


FIG. 1

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

(54) Title of the invention : MECHANISM FOR ARC GUIDING IN CIRCUIT BREAKER

(51) International classification	:H01H 33/88	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VANITA P. DESHPANDE
(61) Patent of Addition to Application Number	:NA	2)GIRISH J MALPATHAK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a mechanism for arc guiding in a circuit breaker. The mechanism comprises housing having fixed contacts and moving contacts configured therein. The opening of the fixed contacts and the moving contacts causes an arc to produce therebetween. The mechanism further includes an arc runner positioned within the housing for rapidly directing the arc into an arc chamber. Further, the mechanism includes a slot motor configured between the arc runner and a wall of the housing facing towards the fixed contact. The slot motor is being capable of fast separating the fixed contact, and the moving contacts thereby providing a narrow guide to the arc and ensuring a fast movement of the arc to the arc chamber. Wherein the arc is split into number of series arcs within the arc chamber thereby resulting in high voltage across the circuit breaker to counteract voltage and limit the peak fault current.

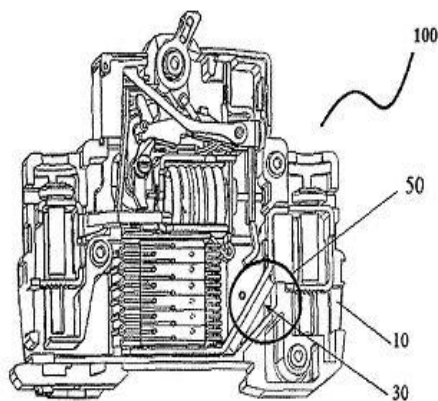


Figure 1

No. of Pages : 10 No. of Claims : 2

(54) Title of the invention : LOW POWER SERIAL COMMUNICATION WITH MODIFIED DUTY CYCLE OF THE DATA LINE

(51) International classification	:H03K7/00, H03K9/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MUNGI, Ameya
(61) Patent of Addition to Application Number	:NA	2)DANAIT, Bhushan
Filing Date	:NA	3)SHAIKH ,Usufe
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a low power serial communication with modified duty cycle of the data line is disclosed. A novel communication method for devices with internal pull-up resistors is disclosed. The data transmitted during the communication is transmitted with a set duty cycle. The duty cycle value could be varied based on requirements of current consumption and data being transmitted. Hence according to the capacities and clock frequencies on which both the communicating devices work the duty cycle can be varied. The present invention provides that with 30% duty cycle, there is a reduced current consumption during 70% of bit time period. Hence a substantial amount of power is saved. Especially in cases where there are large number of logic '0'™ to be transmitted, this method saves power which can be really useful in power critical application like battery operated devices.

Communication Tx Data (With Pull-Up Resistors)

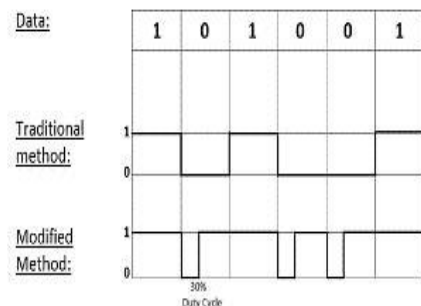


FIGURE 4

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

(54) Title of the invention : A METHOD OF HEAT TREATMENT PROCESS FOR DISTORTION CONTROL OF COMPLEX SHEET METAL COMPONENT

(51) International classification :C22F1/00,
C22F1/043,B21D47/00
(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)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House, Ballard Estate, Mumbai
P.O. Box 278, Mumbai 400 001, State of Maharashtra, India
Maharashtra India

(72)Name of Inventor :

1)JENA, Sushil, Kumar

(57) Abstract :

Disclosed is a Draw out type of circuit breaker supported on the rail assembly or any equivalent draw-out assembly, which may be an integral part of the Cradle assembly. The Cradle assembly (11) consists of the base plate (12), Racking assembly (13), side plates (14) for guiding breaker and rail assembly (15). Racking operation may be accomplished by the racking assembly mounted on the base plate (12). The rotation of detachable crank causes breaker to move in or out of the cradle depending upon the direction of rotation of crank i.e. whether it is a rack-in (clockwise) or rack-out (counter-clockwise) operation. When the racking handle is rotated in the clockwise direction, the breaker is racked in (Disconnected - Test - Connected) and on the other hand, when rotated in counter clock wise direction, the breaker is racked-out (Connected - Test - Disconnected).

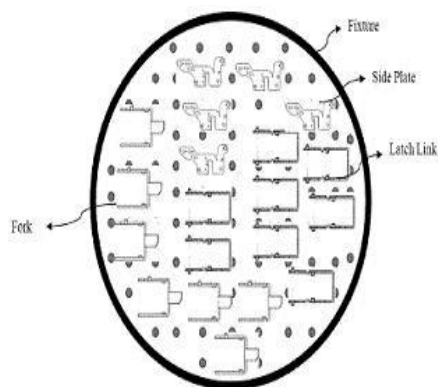


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1601/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR IMPROVED MODULATION AND CODING SCHEMES FOR BROADBAND SATELLITE COMMUNICATIONS SYSTEMS

(51) International classification :H04L1/00, H03M13/11, H03M13/15, H03M13/17
(31) Priority Document No :13/890,643
(32) Priority Date :09/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Hughes Network Systems, LLC
Address of Applicant :11717 Exploration Lane, Germantown, Maryland 20876, United States of America. U.S.A.
(72)Name of Inventor :
1)Eroz, Mustafa
2)LEE, Lin-Nan

(57) Abstract :
Modulation and coding schemes are provided for improved performance of wireless communications systems to support services and applications for terminals with operational requirements at relatively low E_s/N_0 ratios. The new modulation and coding schemes provide new BCH codes, low density parity check (LDPC) codes and interleaving methods.

No. of Pages : 60 No. of Claims : 22

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF GLYCINE TETRADECYL ESTER TRIFLUOROMETHANESULFONATE EXHIBITING LIQUID CRYSTALLINE CHARACTERISTICS.

(51) International classification	:A61K 31/4155	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. M. M. V. RAMANA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI - 400 098, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)NIKAM SHUBHANGI NITIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the preparation of glycine tetradecyl ester trifluoromethanesulfonate and its characterization as liquid crystal.



(Fig. 1) The optical texture of glycine tetradecyl ester trifluoromethanesulfonate by POM during heating

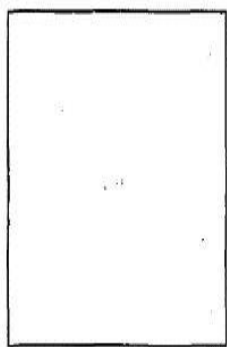
No. of Pages : 8 No. of Claims : 4

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF GLYCINE DODECYL ESTER TRIFLUOROMETHANESULFONATE EXHIBITING LIQUID CRYSTALLINE CHARACTERISTICS.

(51) International classification	:A61K 38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. M. M. V. RAMANA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI-400 098, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)NIKAM SHUBHANGI NITIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the preparation of glycine dodecyl ester trifluoromethanesulfonate and its characterization as liquid crystal.



(Fig. 1) The optical texture of glycine dodecyl ester trifluoromethanesulfonate by POM during heating

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1100/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : EXPRESSION OF A SINGLE CHAIN ANTIBODY AGAINST SALMONELLA IN LACTOBACILLUS

(51) International classification	:C07K 16/00, C12N1/21	(71)Name of Applicant : 1)GHOSH Sambuddha Address of Applicant :AbGenics Life Sciences Pvt. Ltd. Kant Helix, First Floor, Opp. Tata Motors Ltd, Bhoir Colony, Chinchwad, Pune 411033 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GHOSH, Sambuddha
(87) International Publication No	: NA	2)BANERJEE, Sanjiban Kumar
(61) Patent of Addition to Application Number	:NA	3)SABNIS, Manisha Pravin
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to camelid antibodies that inhibit growth, and colonization of Salmonella serovars. The present disclosure also relates to a modified Lactobacillus as a delivery vehicle for controlling salmonella in a host organism.

No. of Pages : 227 No. of Claims : 24

(21) Application No.981/MUM/2014 A

(43) Publication Date : 02/10/2015

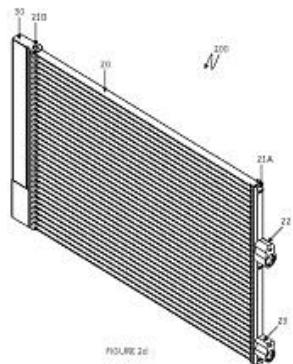
(43) Publication Date : 02/10/2015

(51) International classification	:B60H1/00
(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)BEHR INDIA LIMITED
 Address of Applicant :29 Milestone, Pune Nasik Highway,
 Murhe Vasti, 410501 Village:Kuruli, Taluka: Khed, District:
 Pune, India Maharashtra India

(72)**Name of Inventor :**
1)KSHITIKESH PARMESHWAR

A condenser assembly for a vehicle air conditioning system comprises a first manifold having a refrigerant inlet and a refrigerant outlet, and a second manifold spaced apart from the first manifold. The condenser assembly further comprises a heat exchanger core comprising a plurality of tubes with fins configured thereon. The heat exchanger core is disposed between the first manifold and the second manifold, and is in fluid communication with the first manifold and the second manifold. A drier bottle having a rectangular profile is in fluid communication with the second manifold and the drier bottle is adapted to receive a refrigerant and dehumidify the refrigerant. Fig.2d



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

(54) Title of the invention : AN IMPROVED VENTING SYSTEM FOR CIRCUIT BREAKERS

(51) International classification	:H01H73/22, H01H73/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)OCHANI, Deepak , M
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an improved venting system in an arch quenching system (5) of an electrical circuit breaker (1) of the type having vents (2) in said electrical circuit breaker for expelling arc products generated during fault clearance is disclosed. The improved venting system comprises of at least one vent (2) having two ribs (7) on one side and an attaching means on the other side, wherein said two ribs (7) are fixed to said at least one vent (7) at one end and rotatable at the other end, and said two ribs (7) are operative in two positions comprising an open position and a close position. The improved venting system enhances the circuit breakers breaking capacity by faster movement of arc towards arc chute because of higher venting area. The proposed venting system provides a venting area proportional to the force generated by the arcing products.

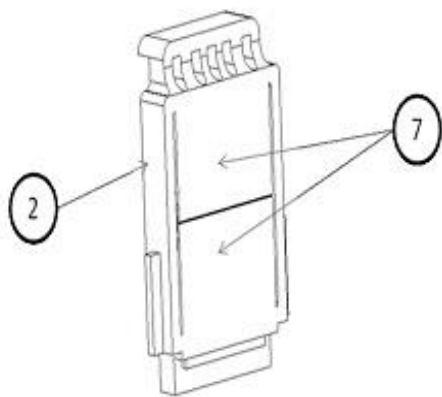


Figure 6

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1079/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PHOTOSTABLE SUNSCREEN COMPOSITION AND METHOD OF PREPARING THE SAME

(51) International classification	:A61K	(71)Name of Applicant :
	8/11	1)KANCOR INGREDIENTS LTD
(31) Priority Document No	:NA	Address of Applicant :RAJAN HOUSE, APPASAHEB
(32) Priority Date	:NA	MARATHE MARG, PRABHADEVI, MUMBAI 400 025,
(33) Name of priority country	:NA	MAHARASHTRA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KHAIAT ALAIN VICTOR
(87) International Publication No	: NA	2)VAIKKATHUKATTIL SHAJU ASOKAN
(61) Patent of Addition to Application Number	:NA	3)KALAPPURAKKAL RAMESH CHANDRAN
Filing Date	:NA	4)UNNIKRISHNAN PRAKASH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Photostable sunscreen composition for topical application The sunscreen composition includes dibenzoylmethane derivative in 1 to 5% by weight of the composition, octyl-methoxycinnamate in 1 to 10% by weight of the composition and dermatologically acceptable excipients in 79 to 97% by weight of the composition containing 60 to 75% aqueous phase stabilised with 1-(4-methoxy-5-benzofuranyl)-3-phenyl 1, 3 propanedione (pongamol) in 0.9 to 6% by weight of the composition.

No. of Pages : 31 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1216/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED CONTACT SYSTEM WITH CONTACT LOCKING MECHANISM OF A MOULDED CASE CIRCUIT BREAKER

(51) International classification

:H01H1/20

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House, Ballard Estate, Mumbai
400 001, State of Maharashtra, India Maharashtra India

(72)Name of Inventor :

1)ROY, Jibanesh

(57) Abstract :

Disclosed is an improved contact system with contact locking mechanism of the moulded case circuit breaker (MCCB). The contact system comprises of a driveshaft (1), an extension spring (2), a toggle link (3), a floating pin (4), an upper moving contact (5) with a slot, a contact pin (7), a toggle link pivot pin (8); and a spring pin (9). The upper moving contact (5) is assembled in the driveshaft (1) using the contact pin (7) having the toggle link pivot pin (8). The disclosed system provides an early fault clearing mechanism, and further the contact locking feature also works as backup protection to the mechanism and release failure. Figure 1

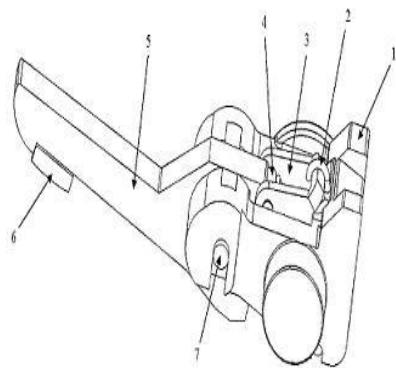


Figure 1

No. of Pages : 18 No. of Claims : 6

(54) Title of the invention : SYSTEM FOR ENGINE SPEED HARMONIZATION

(51) International classification :F02D43/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TATA MOTORS LIMITED
 Address of Applicant :Bombay House, 24 Homi Mody Street,
 Hutatma Chowk, Mumbai 400 001, Maharashtra, India
 Maharashtra India
 (72)Name of Inventor :
1)BADADHE SHAILESH P
2)DEEPAK R R

(57) Abstract :

Embodiment of disclosure generally relates to an engine speed harmonizer or synchronizer to reduce jerks and clutch wear during gear shifting. The engine speed synchronizer (100) comprising a first sensor (6) for sensing position of a clutch pedal (4), a second sensor (7) for measuring speed of a gear box input shaft (8), a third sensor (9) for measuring rotational speed of an engine flywheel (10). An electronic controller unit (ECU) (11) is communicably connected to the first sensor (6), the second sensor (7) and the third sensor (9). Based on received signals from the first sensor (6), the second sensor (7) and the third sensor (9), the ECU (11) synchronizes rotation of an engine with rotation of the gear box input shaft (8) by controlling fuel input to the engine. Fig. 1

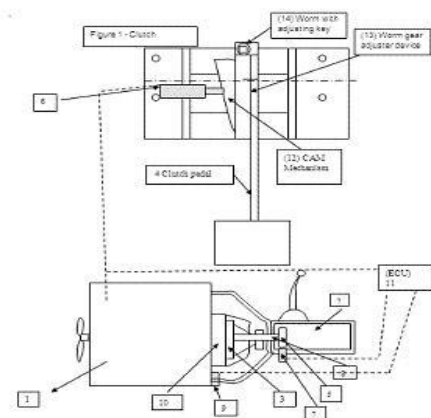


FIG. 1

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

(54) Title of the invention : MAGNETIC TRIPPING ARRANGEMENT FOR ELECTRICAL PROTECTION DEVICES

(51) International classification	:H04W 40/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VINOD M PANCHAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a magnetic tripping arrangement for electrical protection devices such as lower rated circuit breakers. The magnetic tripping arrangement comprises a moving magnet that is designed to achieve generation of additional magnetic forces that produce multiple flux linkages between the moving magnet and a fixed magnet thereby reducing a tripping threshold of the circuit breakers in a short circuit condition. The flux linkage is improved by reducing multiple differential air gaps but without affecting a trip travel available for tripping.

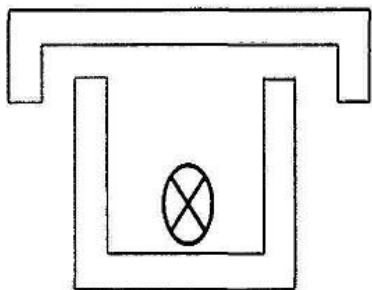


Figure 2a

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

(54) Title of the invention : AN ELECTRICAL INDICATION OF POSITIONS IN A DRAW OUT TYPE OF CIRCUIT BREAKERS

(51) International classification	:H02B11/127, H01H71/46, H02B11/10	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PUJARI, Pranav, G.
(33) Name of priority country	:NA	2)KAMAT, Sudhir, S.
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an electrical indication of positions in a draw out type of circuit breakers. The circuit breaker (17) is disclosed. The circuit breaker (17) comprises of a racking mechanism for performing racking operation by racking-in and racking-out said circuit breaker (17) into a cradle (18), characterized in that a position of said circuit breaker (17) in said cradle (18) is indicated by position indicator by the use of an electrical indication. The racking mechanism further comprises of a micro switch mounting plate (11) with two micro switches (12); and a micro switch actuating plate (14) with at least one hump (13) for actuation of said micro-switches (12).

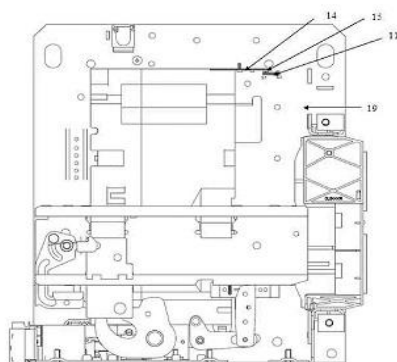


Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1178/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PREPARING ORAL LIQUID PHARMACEUTICAL COMPOSITIONS COMPRISING METHYLDOPA OR SALTS THEREOF

(51) International classification	:A61K9/00, A61K31/195	(71)Name of Applicant : 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(32) Priority Date	:NA	Aurangabad Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Adsare, Pankaj Trimbak
Filing Date	:01/01/1900	2)Suggala,Vijay
(87) International Publication No	: NA	3)Swain, Kapileswar
(61) Patent of Addition to Application Number	:NA	4)Kumar, Yatendra
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to process for preparing a stable oral liquid pharmaceutical composition comprising methyldopa or salts thereof with enhanced oral bioavailability. In particular, the present invention relates to a pharmaceutical compositions prepared into a soft gelatin capsule containing methyldopa or salts thereof as the active ingredient with enhanced oral bioavailability. There is also provided a method of use of such composition in the treatment of hypertension.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1179/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ORAL LIQUID PHARMACEUTICAL COMPOSITIONS COMPRISING METHYLDOPA OR SALTS THEREOF

(51) International classification	:A61K31/198, A61K9/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(32) Priority Date	:NA	Aurangabad Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Adsare, Pankaj Trimbak
Filing Date	:01/01/1900	2)Suggala,Vijay
(87) International Publication No	: NA	3)Swain, Kapileswar
(61) Patent of Addition to Application Number	:NA	4)Kumar, Yatendra
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to oral liquid pharmaceutical compositions comprising methyldopa or salts thereof with enhanced oral bioavailability. In particular, the present invention relates to a pharmaceutical compositions prepared into a soft gelatin capsule containing methyldopa or salts thereof as the active ingredient with enhanced oral bioavailability. There is also provided a method of use of such composition in the treatment of hypertension.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1365/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :10/06/2009

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR PREVENTING MAC ADDRESSES LEARNING IN A PROVIDER BACKBONE BRIDGE NETWORK (PBBN)

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TEJAS NETWORKS INDIA LIMITED,
(32) Priority Date	:NA	Address of Applicant :NO.58, FIRST MAIN ROAD,
(33) Name of priority country	:NA	J.P.NAGAR, 3RD PHASE BANGALORE-560 078 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VINOD KUMAR MADALAH
(61) Patent of Addition to Application Number	:NA	2)SOMNATH OJHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for preventing MAC address learning in Provider Backbone Bridge Network (PBBN). In one embodiment, this is accomplished by receiving data frames from at least one operator/client at the first PBB network which has to be communicating to the second PBB network, adding forward path learning information from the received data frames in the first PBB network and translating backbone MAC source address of the received data frame at the first PBB network by replacing the backbone MAC source address with a BEB backbone MAC address, thereby preventing of backbone MAC address learning of the first PBB network in the second PBB network. Figure 3

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

(54) Title of the invention : MASS PRODUCTION OF COIR PITH BASED CYANOBACTERIAL BIOFERTILIZER USING PHORMIDIUM SP. BDU 5 AND ITS GROWTH PROMOTING ABILITY ON FIELD CULTIVATION OF CORIANDRUM SATIVUM L. AND VIGNA UNGICULATA L.

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PERUMAL MALLIGA
(32) Priority Date	:NA	Address of Applicant :ASSOCIATE PROFESSOR,
(33) Name of priority country	:NA	DEPARTMENT OF MARINE BIOTECHNOLOGY,
(86) International Application No	:NA	NATIONAL FACILITY FOR MARINE CYANOBACTERIA,
Filing Date	:NA	BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI
(87) International Publication No	: NA	Tamil Nadu India
(61) Patent of Addition to Application Number	:NA	2)VAITHILINGAM SUBRAMANIYAN
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)PERUMAL MALLIGA
Filing Date	:NA	2)VAITHILINGAM SUBRAMANIYAN

(57) Abstract :

7.Abstract Various waste materials such as industrial, agricultural and domestic waste substances are accumulated everywhere throughout the country and a wide range of microorganism including fungi, bacteria and cyanobacteria are available for degradation of waste and this degradable waste material can be used as useful products in different ways. Although the research publications were reported on degradation of lignocellulosic materials such as coir waste, the reports on cyanobacterial degradation are scanty. Cultivation of cyanobacteria is inexpensive when compared to other microorganism. Hence, recycling the waste by using cyanobacteria in order to get pollution free environment and useful products from coir pith will be an economical and purposeful one. Thus this work was mainly based on utilizing coir pith as source for biofertilizer production using cyanobacterium Phormidium sp. BDU 5 .Experiments were carried out in Coriandrum sativum L. and Vigna unguiculata L to study the growth promoting ability of coir pith based cyanobacterial biofertilizer as basal and foliar fertilizer. The morphometric and yield of Coriandrum sativum L. and Vigna unguiculata L. were observed in comparison with control, Basal, foliar and combination of basal and foliar application. Results indicated that coir pith based cyanobacterial basal and foliar spray showed effective variations on Coriandrum sativum L. when compared to other treatments and control. It is interesting to note that the biomass content was found to be increased in basal with foliar spray treatment.The morphological and yield parameters indicated that coir pith based cyanobacterial basal and foliar spray showed effective variations on Vigna unguiculata L.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3647/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR RECORDAL AND TRANSMITTAL OF USERTMS DIGITAL/ELECTRONIC ACTIVITY LOG OVER PLURALITY OF DIGITAL OR ELECTRONIC DEVICES

(51) International classification

:A61N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Charles Rajesh Bernard

Address of Applicant :No 59, 8th A Main, BTM 1st Stage,
Bangalore, India Karnataka India

(72)Name of Inventor :

1)Charles Rajesh Bernard

(57) Abstract :

[076] ABSTRACT [077] The present invention discloses a system and method for recordal and transmittal of digital activity log of a user over plurality of electronic devices. The system includes a user activity log module to capture and to transmit at least one digital activity of the user. The system also has a central server that processes and stores the transmitted digital activity log and transmits the processed digital activity log to at least one subscriber as at least one of an email, SMS or a mode preferred by the subscriber. The system has a subscriber information receiver module receives processed digital activity log of the user transmitted by the central server. The information is about the digital activity of the user or an integrated report of plurality of digital activities done by the user over a period of time. The system provides a centralized view of oneTMs complete digital foot print. (FIG 2)



No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2131/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : ALLOY FOR LEAD ACID BATTERY GRIDS

(51) International classification	:H01M4/68, C22C11/06,	(71)Name of Applicant : 1)AMCO BATTERIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :ADDISON BUILDINGS 1ST FLOOR,
(32) Priority Date	:NA	803, ANNA SLAI, CHENNAI 600 002 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)S. SAMKARAPAMDIAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An alloy for lead acid battery grids is disclosed, said alloy comprising tin in the range of 0.1-10 percent by weight, arsenic in the range of 0.01-4 percent by weight and selenium in the range of 0.01-3 percent by weight, with the remaining alloy comprising lead along with other unavoidable impurities. The disclosed alloy is free of antimony, is resistant to corrosion, reduces self-discharge .increases performance and life of the battery, reduces maintenance costs, reduces self-discharge and reduces gassing, thus minimizing the chances of accidental explosions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2499/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : CALVARY CROSS DRAG TYPE TURBINE

(51) International classification	:H02K1/27	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUBRAMANIAN RAMANATHAN
(32) Priority Date	:NA	Address of Applicant :165, SEKKALAI ROAD,
(33) Name of priority country	:NA	KARAIKUDI, SIVAGANGA DISTRICT - 630 001 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	2)NELSON PRATHISH SAGAYANATHAN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NELSON PRATHISH SAGAYANATHAN
Filing Date	:NA	2)SUBRAMANIAN RAMANATHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind turbine system (100) is provided. The system (100) may include a plurality of blades (102). Each of the blades (102) may include a first pole (104), a second pole (106), a third pole (108) and at least one flexible member (112). The first pole (104), the second pole (106) and the third pole (108) may be positioned upright. A first end (110) of each of first pole (104), the second pole (106) and the third pole (108) may be disposed at corners of a triangle (134). The flexible member (112) may be connected to at least the first pole (104) and the third pole (108) such that the second pole (106) is disposed between the first pole (104), the flexible member (112) and the third pole (108). Reference figure: FIG. 1A 19



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4267/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/09/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING A DEVICE DRIVER USING AN ARCHIVE OF TEMPLATE CODE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Vayavya Labs Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :Plot No 12, 1st Cross, 2nd Main
(33) Name of priority country	:NA	Sadashivnagar, Belgaum 590 001, Karnataka, India Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Uma Bondada
(61) Patent of Addition to Application Number	:NA	2)Sandeep Pendharkar
Filing Date	:NA	3)Venugopal Kolathur
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for generating a device driver based on an archived template code using a device driver generation tool is provided. The device driver generation tool is configured to extract configuration files and template files from a template archive stored in a database, each of the files comprises high level configuration files and low level configuration files, each comprising one or more labels, parse a high-level configuration file, corresponding to a class of a device, and an operating system for which the driver is being generated, process a label from the high-level configuration file, extract template code from the template files to obtain an extracted template code, and generate a portion of the driver based on the extracted template code when a block label is identified, parse a low-level configuration file, and generate the driver using a first specification and a second specification when the label is a file label.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5409/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :10/10/2008

(43) Publication Date : 02/10/2015

(54) Title of the invention : HAPTEN-CARRIER CONJUGATES COMPRISING VIRUS LIKE PARTICLES AND USES THEREOF •

(51) International classification	:A61K39/385
(31) Priority Document No	:3077/CHENP/2004
(32) Priority Date	:31/12/2004
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/EP2003/007850
Filing Date	:18/07/2003
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3077/CHENP/2004
Filed on	:31/12/2004

(71)**Name of Applicant :**
1)CYTOS BIOTECHNOLOGY AG
Address of Applicant :Wagistrasse 25 CH-8952 Schlieren
Switzerland Switzerland
(72)**Name of Inventor :**
1)BACHMANN, Martin, F.
2)MAURER, Patrik

(57) Abstract :

The present invention provides compositions comprising a conjugate of a hapten with a carrier in an ordered and repetitive array, and methods of making such compositions. The conjugates and compositions of the invention may comprise virus like particles derived from eukaryotic virus or bacteriophage as carriers, coupled to a variety of haptens, including hormones, toxins and drugs, especially drugs of addiction such as nicotine. Compositions and conjugates of the invention are useful for inducing immune responses against haptens, which can be useful in a variety of therapeutic, prophylactic and diagnostic regimens. In certain embodiments, immune responses generated using the conjugates, compositions and methods of the present invention are useful to prevent or treat addiction to drugs of abuse and the resultant diseases associated with drug addiction.

No. of Pages : 113 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2240/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF N-ALKYLPENTYLAMINE

(51) International classification :C07C311/54
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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NAGAR, JUBILEE HILLS, HYDERABAD - 500 096 Andhra
Pradesh India
(72)Name of Inventor :
1)NARAYANA RAO MUTYALA
2)RAMADAS CHAVAKULA
3)GOPIBABU BUSHU
4)NARASIMHULU CHILAMALA
5)SANDEEP GOKARAJU

(57) Abstract :

An improved process for the preparation of N-methylpentylamine which comprises reacting 1-halopentane of formula (II) wherein X represents halogen atom with methylamine using a solvent, wherein the reaction is carried out in the absence of base.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1815/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

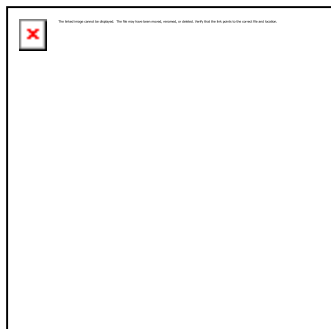
(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM OF ACQUIRING HIGH FREQUENCY CARRIER IN A WIRELESS COMMUNICATION NETWORK.

(51) International classification	:H04W28/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore-560 037, an Indian Company
(87) International Publication No	: NA	Karnataka India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGIWAL, ANIL
(62) Divisional to Application Number	:NA	2)NIGAM, ANSHUMAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and system for acquiring mmWave carrier in a wireless communication network. In one embodiment, a MS acquires a low frequency carrier and then acquires the high frequency carrier when required. Since the low frequency carrier and the high frequency carrier are transmitted by same BS, the BS provides assistance information on the acquired low frequency carrier to the MS to acquire a synchronization signal which is transmitted on a high frequency carrier using beamforming. The assistance information includes synchronization signal beam time slots, synchronization signal beams which MS needs to search, beam ID and so on. Based on the assistance information, the MS monitors the high frequency carrier to search and acquire the synchronization beam signal transmitted on the high frequency carrier. The MS determines the beam ID of the received synchronization beam signal and reports to the BS on the low frequency carrier. Figures 4A & 4B



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

(54) Title of the invention : METHOD AND APPARATUS FOR ORDERING SUB FIELDS OF VHT SIG A AND VHT SIG B FIELDS

(51) International classification :H04L5/00
 (31) Priority Document No :61/366276
 (32) Priority Date :21/07/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/044726
 Filing Date :20/07/2011
 (87) International Publication No :WO 2012/012567
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
 Address of Applicant :5775 Morehouse Drive San Diego
 California 92121 U.S.A.
 (72)Name of Inventor :
1)VAN ZELST Albert
2)JONES IV Vincent Knowles
3)SAMPATH Hemanth

(57) Abstract :

Certain aspects of the present disclosure relate to a technique of ordering sub fields within Signal (SIG) fields of a preamble in Very High Throughput (VHT) wireless communications systems and to a technique of managing sizes of these sub fields.

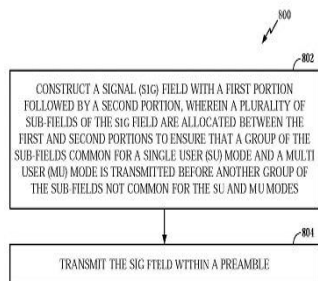


FIG. 8

No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3731/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : HERBAL COMPOSITION FOR OBESITY MANAGEMENT

(51) International classification	:A61k	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIDYA HERBS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :#101, JIGANI II PHASE, ANEKAL
(33) Name of priority country	:NA	TALUK, BANGALORE - 560 105 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KODIMULE SHYAM PRASAD
(87) International Publication No	: NA	2)BASAVEGOWDA LINGARAJU HAKANAHALLI
(61) Patent of Addition to Application Number	:NA	3)GOVINDARAJU DARSHAN RAJ CHENNA
Filing Date	:NA	4)DASAPPA SARASWATHI CHITTLUR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of an extract of Mangifera indica. The present invention further provides a Mangifera indica extract enriched with polyphenols and flavonoids. The present invention also provides a herbal composition for managing obesity and other related disorders.

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.433/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A LOAD DISTRIBUTING MEMBER TO INCREASE BOLT COMPRESSION ZONE

(51) International classification

:F16B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Mahindra & Mahindra Ltd

Address of Applicant :Mahindra Research Valley, Mahindra
World City, Plot No. 41/1, Anjur P.O., Chengalpattu 603204,
Kancheepuram Dist, Tamilnadu. Tamil Nadu India

(72)Name of Inventor :

1)Arun Ishvardas Mahajan

2)Abhay Kumar

(57) Abstract :

A load distributing member 101 in combination with a bolt 102 to join at least two parts together is disclosed. The load distributing member 101 disclosed is washer which is configured to be conical in shape. The conical washer 101 facilitates in increasing the half angle of an imaginary conical frustum. Further increase in the half angle of the imaginary conical frustum, increases the compression zone of the bolt. Fig. 2

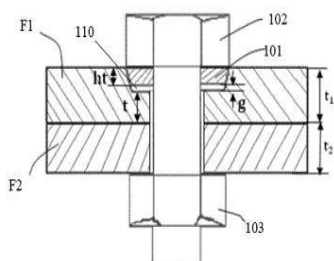


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.87/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/01/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : PND REPOSITIONING DETECTOR FOR BETTER NAVIGATION ACCURACY IN A CAR

(51) International classification :G01C17/38,G01C21/26,B60R11/02
(31) Priority Document No :12/848807
(32) Priority Date :02/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046001
Filing Date :29/07/2011
(87) International Publication No :WO 2012/018695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)Name of Inventor :
1)GARIN Lionel J.

(57) Abstract :

An apparatus and method for a personal navigation apparatus comprising a personal navigation device (PND) for providing navigational guidance information. The PND may include a single dimensional magnetic detector for sensing magnetic flux amplitudes of a magnetic field generated by a magnet. Alternatively the PND may include a three dimensional magnetic detector and a magnetic calibration module for determining an ambient magnetic field calibration value representing immediate surroundings of the PND.

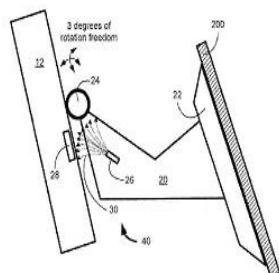


FIG. 2

No. of Pages : 45 No. of Claims : 36

(54) Title of the invention : PROTOCOL FOR CHANNEL STATE INFORMATION FEEDBACK

(51) International classification	:H04L1/00,H04B7/06	(71)Name of Applicant :
(31) Priority Document No	:61/368348	1)QUALCOMM INCORPORATED
(32) Priority Date	:28/07/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(86) International Application No	:PCT/US2011/045183	(72)Name of Inventor :
Filing Date	:25/07/2011	1)ABRAHAM Santosh Paul
(87) International Publication No	:WO 2012/015737	2)MERLIN Simone
(61) Patent of Addition to Application Number	:NA	3)SAMPATH Hemanth
Filing Date	:NA	4)VERMANI Sameer
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Certain aspects of the present disclosure relate to a low overhead method for communicating Channel State Information (CSI) feedback in Very High Throughput (VHT) wireless communications systems. The present disclosure also provides packet formats for Null Data Packet Announcement (NDPA) CSI Poll and CSI feedback. In some cases the CSI feedback may be too large to be carried in a single Media Access Control (MAC) protocol data unit (MPDU) or a Physical Layer (PHY) protocol data unit (PPDU) and a proposed protocol for CSI feedback segmentation can be then utilized.

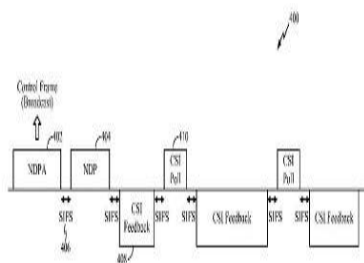


FIG. 4

No. of Pages : 70 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3714/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/08/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : WHEEL BALLAST FOR VEHICLE

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TRACTORS AND FARM EQUIPMENT LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 861, ANNA SALAI, CHENNAI -
(33) Name of priority country	:NA	600 002 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAKESH BAHADUR VERMA
(87) International Publication No	: NA	2)CHANDRASEKARAN RAJAGOPAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A ballast that is attachable to a wheel of an agricultural vehicle for providing stability to said vehicle comprises a bottom cover(1) comprising a plurality of tubular inserts(4) and a curved-in portion(6). Iron ore is filled and packed equally all around the curved-in portion(6) by means of vibration to achieve better traction and avoid uneven wear. The bottom cover(1) further comprises an inward projected recess(5) at the centre to facilitate proper positioning of the wheel ballast on a vehicle wheel. A top cover(2) comprising a plurality of mounting holes(3) is fixed on the bottom cover(1) by matching and welding the plurality of mounting holes(3) with the plurality of tubular inserts(4). The top cover(2) and the bottom cover(1) are welded together to prevent spillage of iron ore from the ballast and also to prevent the entry of foreign materials into the ballast.

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

(54) Title of the invention : A HOT MELT FRAGMENTATION PROCESS FOR THE MANUFACTURE OF A PHARMACEUTICAL COMPOSITION

(51) International classification :A61K9/10
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :290, 4TH MAIN, 4TH PHASE,
 PEENYA INDUSTRIAL AREA, BANGALORE - 560 058
 Karnataka India

(72)Name of Inventor :

1)PADMANABHAN, BABU

2)PRODDUTURI, SUNEELA

3)SEN, HIMADRI

(57) Abstract :

A co-rotating twin screw extruder for forming fragments is disclosed. The extruder comprises of an intake zone for receiving one or more excipient(s) suitable for oral dosage or one or more excipient(s) suitable for oral dosage along with one or more active pharmaceutical ingredient, a melt zone for softening at least one excipient to form a viscous mass or melt and a fragmenting zone for fragmenting and cooling the viscous mass into cooled fragments and an extruder outlet for recovering the cooled fragments from the extruder. Fig. 1 A co-rotating twin screw extruder for forming fragments is disclosed. The extruder comprises of an intake zone for receiving one or more excipient(s) suitable for oral dosage or one or more excipient(s) suitable for oral dosage along with one or more active pharmaceutical ingredient, a melt zone for softening at least one excipient to form a viscous mass or melt and a fragmenting zone for fragmenting and cooling the viscous mass into cooled fragments and an extruder outlet for recovering the cooled fragments from the extruder. Fig. 1

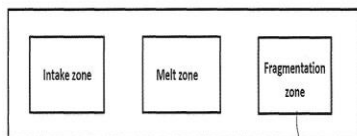


FIG.1

Sneha Agarwal
 SNEHA AGARWAL
 OBHAN & ASSOCIATES
 AGENT FOR THE APPLICANTS

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1894/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : REDUCED TOXICITY IN ALCOHOLIC BEVERAGES

(51) International classification	:C12G1/02,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHIGURUPATI TECHNOLOGIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :H.NO.512/M, ROAD NO.31, JUBILEE
(33) Name of priority country	:NA	HILLS, HYDERABAD 500 033 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHIGURUPATI HARSHA
(87) International Publication No	: NA	2)BIYANI MANISH RADHESHYAM
(61) Patent of Addition to Application Number	:NA	3)AUDDY BISWAJIT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to reduced toxicity of functional alcoholic beverage composition comprising distilled alcohol, deionized water, 18-Glycyrrhizin or 18a-Glycyrrhizin and a sugar alcohol or sugars, having pH in the range of 4.0-9.0. More particularly, alcoholic beverage composition comprises distilled alcohol, deionized water, 18-Glycyrrhizin or 18a-Glycyrrhizin and a sugar alcohol / sugars as hepato-protectants. The present invention provides an alcoholic beverage for reducing hepatotoxicity caused by its consumption and a process to manufacture the said alcoholic beverage.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4110/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PREDETERMINING THE ONSET OF IMPENDING OSCILLATORY INSTABILITIES IN PRACTICAL DEVICES

(51) International classification

:F04D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Indian Institute of Technology Madras

Address of Applicant :Combustion and Flow Diagnostics Lab
(C&FD Lab) Department of Aerospace Engineering Indian
Institute of Technology Madras (IITM) Chennai - 600036 Madhya
Pradesh India

(72)Name of Inventor :

1)Vineeth Nair Vinod

2)Gireeshkumaran Thampi

3)Sulochana Karuppusamy

4)Saravanan Gopalan

5)Sujith Raman Pillai Indusekharan Nair

(57) Abstract :

A system for early detection of onset of oscillatory instabilities in practical devices is described. The system consists of a measuring device, an instability detection unit and a control unit. The measuring device is configured to generate signals corresponding to the dynamics happening inside the practical device. The instability detection unit is configured to diagnose the stability of the practical device from the signals that are generated by the measuring device. Further, the control unit is configured to control various operating parameters in the practical device based on the information obtained from the instability detection unit.

No. of Pages : 48 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.305/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : CHECKING A VALIDITY OF COVERAGE AREA POSITION INFORMATION

(51) International classification :H04W64/00,G01S5/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/052703
Filing Date :16/06/2010
(87) International Publication No :WO 2011/158063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOKIA CORPORATION
Address of Applicant :Keilalahdentie 4 FI 02150 Espoo
Finland
(72)Name of Inventor :
1)KRISTOFFERSEN Jens Finn
2)JENSEN Henning Steensgaard

(57) Abstract :

It is inter alia disclosed to identify coverage area position information to obtain identified coverage area position information. The identified coverage area position information comprises at least respective position information for one or more coverage areas associated with a device for which a position estimate is to be determined at least based on at least a part of the identified coverage area position information. The respective position information for the one or more coverage areas is stored in a database. The identifying is at least based on coverage area identification information determined by the device and comprising at least respective identification information for the one or more coverage areas. A validity of respective position information for at least one coverage area is checked. The respective position information for the at least one coverage area is stored in the database and the checking is at least based on respective position information for at least one of the one or more coverage areas comprised in the identified coverage area position information.

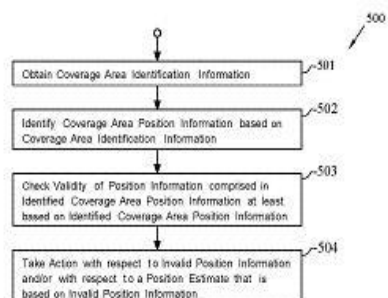


Fig.5

No. of Pages : 64 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2586/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYSACCHARIDES AND PROCESS THEREOF

(51) International classification	:C08B3/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, THIRUVANANTHAPURAM (IISER-TVM)
(32) Priority Date	:NA	Address of Applicant :COMPUTER SCIENCE BUILDING,
(33) Name of priority country	:NA	COLLEGE OF ENGINEERING TRIVANDRUM CAMPUS,
(86) International Application No	:NA	TRIVANDRUM - 695 016 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KANA MEETHALEVEETIL SURESHAN
(61) Patent of Addition to Application Number	:NA	2)ATCHUTARAO PATHIGOOLLA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

1. A monosaccharide compound of the general formula 1 wherein m is from 1 to 3, x is OH, SH, or NH₂, alkyne motif can be at any carbon (C 1 to C 6) on the sugar scaffold , sugar can be a pentose sugar or hexose sugar and can be in in furanose or pyranose form 2. A polysaccharide compound of the general formula 2 comprising repeating units of formula 1 as claimed in claim 1 wherein m is from 1 to 3, n is the number of repeating units and is from 2 to about 5,000., x is OH, SH or NH₂, alkyne motif can be at any carbon (C 1 to C 6) on the sugar scaffold. 3. A polysaccharide compound as claimed in claim 2, wherein the polysaccharide is preferably 1,4-triazolyl-linked polygalactose .

No. of Pages : 24 No. of Claims : 0

(54) Title of the invention : ARCING FAULT AND ARC FLASH PROTECTION SYSTEM HAVING A HIGH SPEED SWITCH

(51) International classification :H01H33/66
 (31) Priority Document No :12/825414
 (32) Priority Date :29/06/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/039920
 Filing Date :10/06/2011
 (87) International Publication No :WO2012/005865
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
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3)RODRIGUES Carlton
4)RAMSEY Jim
5)PICOT Philippe

(57) Abstract :

A high speed arc terminator for an electrical power distribution system includes a sealed evacuated housing and a controllable mechanical switch having first and second electrically conductive contacts enclosed within the housing and adapted to be coupled to the power distribution system outside the housing. A trigger conductor extends into the housing and has an exposed end near the gap between the contacts when the contacts are in the open position. At least one of the contacts is movable between an open position in which the contacts are separated by a gap and a closed position in which the contacts engage each other and an operating mechanism is provided for moving the at least one contact between the open and closed positions. A high voltage source is controllably coupled to the trigger conductor for supplying a high voltage pulse to the trigger conductor in response to the detection of an arcing fault. The high voltage pulse produces an arc within the gap between the contacts to shunt fault current from the power distribution system across the gap from one of the contacts to the other before the contacts engage each other.

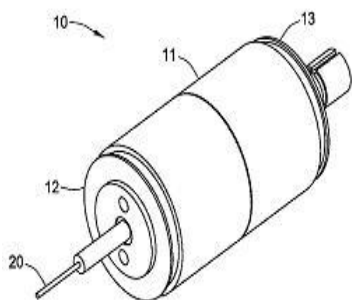


FIG. 1

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2338/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCEDURE FOR FABRICATING XENOGRAFT USING MAMMALIAN CHOLECYST DERIVED EXTRACELLULAR MATRIX FOR WOUND HEALING APPLICATIONS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL
(32) Priority Date	:NA	SCIENCES AND TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :INDIAN INSTITUTE OF
(86) International Application No	:NA	BIOMEDICAL TECHNOLOGY WING, POOJAPPURA,
Filing Date	:NA	THIRUVANANTHAPURAM 695 012 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DEEPA REVI
Filing Date	:NA	2)THAPASIMUTHU VIJAYAMMA ANILKUMAR
(62) Divisional to Application Number	:NA	3)JASEER MUHAMED CEETHAKULATH
Filing Date	:NA	JAMALUDHEEN

(57) Abstract :

This invention relates to a xenograft from mammalian cholecyst derived extracellular matrix having the properties: Flexural rigidity 0.16 ± 0.1 , suture retention strength 2.3 ± 0.9 , water vapour transmission rate 60.1 ± 21 Moisture content 14.5 ± 8

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4476/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PREDETERMINING THE ONSET OF IMPENDING OSCILLATORY INSTABILITIES IN PRACTICAL DEVICES

(51) International classification

:F04D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Indian Institute of Technology Madras

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Nadu India

(72)Name of Inventor :

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2)Gireeshkumaran Thampi

3)Sulochana Karuppusamy

4)Saravanan Gopalan

5)Sujith Raman Pillai Indusekharan Nair

(57) Abstract :

A system for early detection of onset of oscillatory instabilities in devices where the transition to oscillatory instability from chaotic or noisy behavior happens though intermittent bursts is described. The system comprises a measuring device an instability detection unit and a control unit. The measuring device 102 is configured to generate signals corresponding to the dynamics happening inside the practical device. The instability detection unit is configured to diagnose the stability of the practical device from the signals that are generated by the measuring device. Further the control unit is configured to control various operating parameters in the practical device based on the information obtained from the instability detection unit. FIG. 1

No. of Pages : 48 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : OBJECT RECOGNITION USING INCREMENTAL FEATURE EXTRACTION

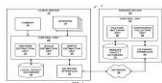
(51) International classification	:G06K9/46,G06K9/68
(31) Priority Document No	:61/369228
(32) Priority Date	:30/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/045942
Filing Date	:29/07/2011
(87) International Publication No	:WO 2012/016168
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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 Address of Applicant :5775 Morehouse Drive San Diego CA
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(72)**Name of Inventor :**
1)BAHETI Pawan Kumar
2)VADDADI Sundeep
3)SWAMINATHAN Ashwin
4)REZNIK Yuriy
5)HAMSICI Onur C.
6)CHARI Murali Ramaswamy
7)HONG John H.
8)LEE Chong Uk

(57) Abstract :

In one example an apparatus includes a processor configured to extract a first set of one or more keypoints from a first set of blurred images of a first octave of a received image calculate a first set of one or more descriptors for the first set of keypoints receive a confidence value for a result produced by querying a feature descriptor database with the first set of descriptors wherein the result comprises information describing an identity of an object in the received image and extract a second set of one or more keypoints from a second set of blurred images of a second octave of the received image when the confidence value does not exceed a confidence threshold. In this manner the processor may perform incremental feature descriptor extraction which may improve computational efficiency of object recognition in digital images.



No. of Pages : 56 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2660/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR MANUFACTURING OF SOLID OXIDE FUEL CELLS

(51) International classification :H01M4/00, (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)NONFERROUS MATERIALS TECHNOLOGY DEVELOPMENT CENTRE Address of Applicant :P.O. KANCHANBAGH, HYDERABAD - 500 058 Andhra Pradesh India (72)Name of Inventor : 1)BALASUBRAMANIAN, KRISHNAMURTY 2)PANDA, NIRMAL 3)KRISHNAN, VENKATESAN VENKATA 4)GOVINDARAJU, M. 5)KANOONGO, NITIN
---	--

(57) Abstract :

ABSTRACT A METHOD AND APPARATUS FOR MANUFACTURING OF SOLID OXIDE FUEL CELL A method of manufacturing a solid oxide fuel cell is disclosed. The method comprises of subjecting at least two consecutive layers of a multi-layered structure comprising a metal support layer, an anode functional layer and an electrolyte layer to a pressure in the range of 50-1000 bar and temperatures < 1000 °C to cause co-sintering and bonding thereof; and depositing and sintering a cathode layer on the sintered electrolyte layer. Fig. 1 c

Fig. 1 c

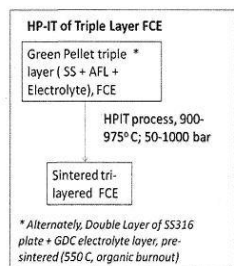


Figure 1c

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.230/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN APPARATUS TO DELIVER CONFORMAL RADIOTHERAPY USING EXTERNAL BEAM COBALT 60

(51) International classification

:A61N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Karnataka India

(72)Name of Inventor :

1)GOTETI VENKATA SUBRAHMANYAM

2)DEEPAK FERNANDO

3)TAMILRASAN MANI

4)KUPPA AVINASH RAO

(57) Abstract :

[0038] Abstract [0039] An apparatus to deliver conformal radiotherapy using external beam Cobalt 60 source is disclosed. The apparatus comprises an enclosed circular gantry placed above the bearings along with an integrated in house X-ray unit with the X-ray detector, source head and beam stopper. The X-ray unit along with the X-ray detector of the enclosed circular gantry are aligned to the radiation beam plane such that 3-D image of the tumour can be constructed using a cone beam computed tomography (CBCT) and radiation treatment is delivered by beam limiting device, without moving the patient from one patients treatment couch to other thus reducing the inconvenience to the patient achieving high tumour positioning accuracy and for alignment of X-ray and radiation beams.

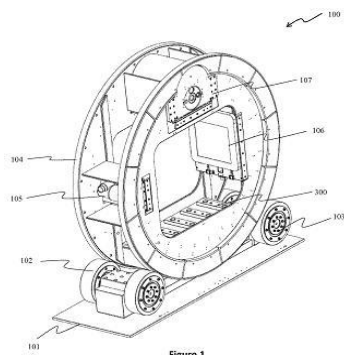


Figure 1

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

(54) Title of the invention : DETECTION OF TARGET NUCLEIC ACID SEQUENCES BY PTO CLEAVAGE AND EXTENSION ASSAY

(51) International classification :C12Q
 (31) Priority Document No :1020110002840
 (32) Priority Date :11/01/2011
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2012/000287
 Filing Date :11/01/2012
 (87) International Publication No :WO2012/096523
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SEEGENE INC.

Address of Applicant :8FL 9FL Taewon Bldg. 65 5 Bangi
 dong Songpa gu Seoul 138 050 Republic of Korea

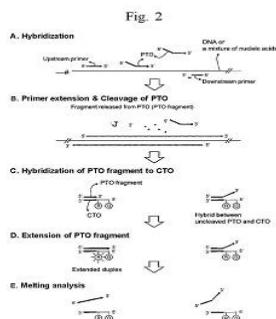
(72)Name of Inventor :

1)CHUN Jong Yoon

2)LEE Young Jo

(57) Abstract :

mThe present invention relates to the detection of a target nucleic acid sequence by a PTOCE (PTO Cleavage and Extension) assay. The present invention detects a target nucleic acid sequence in which the PTO (Probing and Tagging Oligonucleotide) hybridized with the target nucleic acid sequence is cleaved to release a fragment and the fragment is hybridized with the CTO (Capturing and Templating Oligonucleotide) to form an extended duplex followed by detecting the presence of the extended duplex. The extended duplex provides signals (generation increase extinguishment or decrease of signals) from labels indicating the presence of the extended duplex and has adjustable T value which are well adoptable for detection of the presence of the target nucleic acid sequence.



No. of Pages : 138 No. of Claims : 77

(54) Title of the invention : METHOD AND SYSTEM FOR ENABLING CELL RESELECTION BY USER EQUIPMENT IN WIRELESS COMMUNICATION

(51) International classification :H04W24/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SAMSUNG R&D INSTITUTE INDIA BANGALORE PRIVATE LIMITED

Address of Applicant :# 2870, ORION Building, Bagmane Constellation Business Park, Outer Ring Road, Doddanakundi Circle, Marathahalli Post, Bangalore -560037 Karnataka India

(72)Name of Inventor :

1)DUBEY, AVINASH KUMAR

2)NAGARAJAN, SHANTHOSSH

3)SHARMA, ASHISH

4)MATTAM, JAJOHN MATHEW

5)NAGARAJAN, ARUNKUMAR

(57) Abstract :

The various embodiments herein provide a method and system for enabling cell reselection by user equipments in wireless communication. The method comprising steps of detecting one or more target cells for reselection of a serving cell based on a plurality of reselection parameters by the user equipment, initiating a preset timer for one or more target cells conforming to the reselection parameters, storing a plurality of target cells for which the preset timer value is greater than a threshold, checking if signal conditions of a serving cell is above a predefined threshold and triggering the cell reselection to a first target cell if the signal condition of the serving cell is above the predefined threshold. The plurality of reselection parameters comprises at least one of a priority, signal strength and reselection timer value associated with the one or more target cells.



FIGURE 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1927/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/06/2011

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR FOSAPREPITANT

(51) International classification	:C07F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HETERO RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :HETERO DRUGS LIMITED HETERO
(33) Name of priority country	:NA	CORPORATE, 7-2-A2, INDUSTRIAL ESTATES, SANATH
(86) International Application No	:NA	NAGAR, HYDERABD - 500 018 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PARTHASARADHI REDDY, BANDI
(61) Patent of Addition to Application Number	:NA	2)RATHNAKAR REDDY, KURA
Filing Date	:NA	3)MURALIDHARA REDDY, DASARI
(62) Divisional to Application Number	:NA	4)SRINIVASA RAO, THUNGATHURTHY
Filing Date	:NA	5)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides a novel process for reducing palladium content in fosaprepitant dimeglumine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2604/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING ENHANCED DATA TO AT LEAST ONE WI-FI DEVICE IN A WI-FI DISPLAY ENVIRONMENT

(51) International classification	:G06T19/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA-BANGALORE
(32) Priority Date	:NA	PVT.LTD.
(33) Name of priority country	:NA	Address of Applicant :#2870, ORION BUILDING,
(86) International Application No	:NA	BAGMANE CONSTELLATION BUSINESS PARK, OUTER
Filing Date	:NA	RING ROAD, DODDANEKUNDI CIRCLE, MARATHAHALLI
(87) International Publication No	: NA	POST, BANGALORE-560 037 Karnataka India
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VEDULA, BHARADWAJ KIRAN
(62) Divisional to Application Number	:NA	2)KIM, JUN-HYUNG
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for providing enhanced data to at least one Wi-Fi device in a Wi-Fi display environment. A source device is configured with an enhanced display application. A connection is established between a source device and the at least one sink device. Capability information is exchanged between the source device and the at least one sink device. An enhanced display session is initiated between the source device and the at least one sink device. Session data with application description format (ADF) information is provided to the at least one sink device for the enhanced display session. The data is displayed on the at least one sink device formatted according to the ADF information.

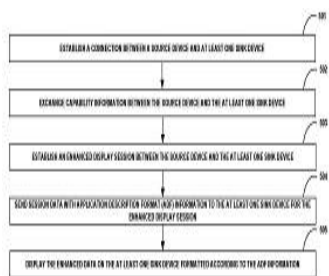


Figure 5

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2505/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYDRAULIC POWER PLANT

(51) International classification

:F03B17/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :No.466, Arignyar Anna Street,
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(72)Name of Inventor :

1)Kaarthik.C,

(57) Abstract :

A hydraulic power plant for generation of electricity includes a hydraulic speed breaker, that includes a speed breaker, a set of springs attached to ends of the speed breaker, wherein the springs are compressed when a vehicle rolls over the speed breaker, and is released when the vehicle moves away. A cylindrical portion includes a piston parallel to the speed breaker and attached thereto, wherein the piston is configured to move downwards when a vehicle rolls over the speed breaker, to cause an increased pressure in the portion below piston and suction in a portion above the piston, and wherein the piston move upwards on release of the set of springs to cause an increased pressure in a portion above piston and suction in a portion below piston. A reservoir is disposed at a ground level and a storage tank is disposed at a predetermined height from the ground level, and connected to the cylindrical portion. The fluid is pumped upwards from the reservoir to the storage tank by way of the cylindrical portion during downward and upward motion of the piston. An electricity generation unit (EGU) is connected to the storage tank and the reservoir, for converting the potential energy of the fluid stored in the storage tank to electricity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2334/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : NITRIC OXIDE (NO) STRIP TEST FOR THE DIAGNOSIS OF ASTHMA, ESPECIALLY IN PAEDIATRIC CASES

(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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3)DR. S. NARMADA

4)DR. A. SIVARAMAKRISHNA

(72)Name of Inventor :

1)TUSHAR WARRIER

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3)DR. S. NARMADA

4)DR. A. SIVARAMAKRISHNA

(57) Abstract :

ABSTRACT A kit for diagnosing asthma in an individual is provided. The kit includes a strip coated with a solution. The solution includes (a) 17 mM of 2,2-azinobis(3-ethylbenzthiazoline-6- sulfonic acid), and (b) 0.4 mM of n-(1-naphthyl) ethylenediamine dihydrochloride in 5 ml of double distilled water. The strip detects asthma with a colour change of the strip when exhaled breath of the individual includes high amount of nitric oxide.

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

(54) Title of the invention : VIDEO SWITCHING FOR STREAMING VIDEO DATA

(51) International classification :H04N7/26,H04N7/46,H04N7/50	(71)Name of Applicant :
(31) Priority Document No :61/363884	1)QUALCOMM INCORPORATED
(32) Priority Date :13/07/2010	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country :U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No :PCT/US2011/043885	(72)Name of Inventor :
Filing Date :13/07/2011	1)CHEN Ying
(87) International Publication No:WO 2012/009454	2)KARCZEWICZ Marta
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

In one example an apparatus includes a processor configured to provide information to a client device for accessing data for a first representation of a video sequence and a second representation of the video sequence and to provide information to the client device indicating that the client device can during transmission of the data for the first representation switch to the second representation without experiencing a presentation gap when displaying the video sequence and without simultaneously executing more than one decoder to decode the data for the first representation and the second representation during the switch in response to a first request from the client device to retrieve data from the first representation. In this manner the client device may use the information to perform seamless switching between the representations.

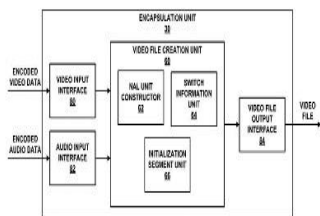


FIG. 2

No. of Pages : 74 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1585/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : BIODEGRADABLE INDUSTRIAL GEAR LUBRICANT FROM TOBACCO OIL

(51) International classification	:F01L1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Y.V.V. SATYANARAYANA MURTHY
(32) Priority Date	:NA	Address of Applicant :H. NO. 20-117-18, CHENGALARAO
(33) Name of priority country	:NA	PETA, TELAKALA VEEDHI, TOWNKOTHA ROAD,
(86) International Application No	:NA	VISAKHAPATNAM - 530 001 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Y.V.V. SATYANARAYANA MURTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an industrial gear lubricant comprising 95-99.5% w/w base oil and 0.5 to 5% w/w additives.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2078/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :17/04/2009

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD TO HIDE TRANSIT ONLY MYLTI-ACCESS NETWORKS IN OSPF

(51) International classification :H04L12/56
(31) Priority Document No :11/537,275
(32) Priority Date :29/09/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US07/067819
Filing Date :30/04/2007
(87) International Publication No :WO 2008/042463
A2
(61) Patent of Addition to Application Number :NA
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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3)JAMES, L. NG
4)ROY ABHAY
5)ALFRED C. LINDEM
6)SINA MIRTORABI
7)TIMOTHY M. GAGE
8)SYED KHALID RAZA

(57) Abstract :

A system for hiding transit-only interfaces in a network. When a routing system is advertising a transit-only interface, the advertisement is marked to indicate the address is a transit-only interface. A routing system receives the advertisement and detects the identifier of the transit-only interface and does not store the address in the Router Information Base of the routing system.

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

(54) Title of the invention : SYSTEM AND METHOD OF PAGING IN A BEAMFORMED WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04W4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA-BANGALORE
(32) Priority Date	:NA	PVT.LTD.
(33) Name of priority country	:NA	Address of Applicant :#2870, ORION BUILDING,
(86) International Application No	:NA	BAGMANE CONSTELLATION BUSINESS PARK, OUTER
Filing Date	:NA	RING ROAD, DODDANEKUNDI CIRCLE, MARATHAHALLI
(87) International Publication No	: NA	POST, BANGALORE-560 037 Karnataka India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGIWAL, ANIL
(62) Divisional to Application Number	:NA	2)NIGAM, ANSHUMAN
Filing Date	:NA	

(57) Abstract :

The present invention provides a system and method for transmitting and receiving paging in a beamformed wireless communication network. The method of transmitting paging in a wireless communication network comprises transmitting a plurality of paging channels using a plurality of distinct transmitting (TX) beams in a paging available interval by a paging transmitter , transmitting plurality of synchronization channels (SCH) and/or broadcast channels (BCH) using a plurality of distinct TX beams. The method of receiving paging in a wireless communication network comprises determining a wakeup time based on paging location in paging available interval, location of SCH and the number of received beams supported by paging receiver, performing a search for one or more SCH and one or more BCH when the UE wakes-up at the determined time, performing downlink (DL) synchronization by the paging receiver using the received SCH and/or BCH, determining the best RX beam by the paging receiver, and receiving one or more paging channels in the paging available interval using the determined best RX beam amongst the plurality of RX beams supported by the paging receiver.

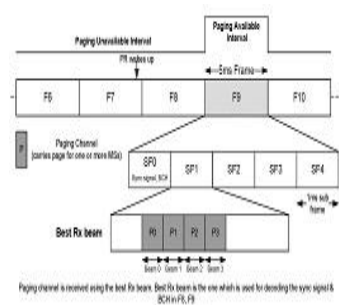


Figure 2

No. of Pages : 76 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.291/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 02/10/2015

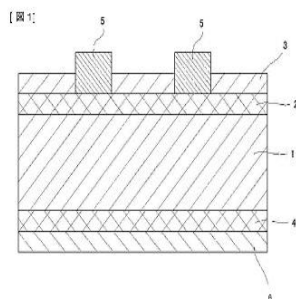
(54) Title of the invention : METHOD FOR PRODUCING SOLAR CELL AND FILM PRODUCING DEVICE

(51) International classification :H01L31/04
(31) Priority Document No :2010160394
(32) Priority Date :15/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065861
Filing Date :12/07/2011
(87) International Publication No :WO 2012/008436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Shin Etsu Chemical Co. Ltd.
Address of Applicant :6 1 Ohtemachi 2 chome Chiyoda ku
Tokyo 1000004 Japan
(72)Name of Inventor :
1)MITTA Ryo
2)TAKAHASHI Mitsuhiro
3)HASHIGAMI Hiroshi
4)MURAKAMI Takashi
5)TSUKIGATA Shintarou
6)WATABE Takenori
7)OTSUKA Hiroyuki

(57) Abstract :

Disclosed is a method that is for producing a solar cell and that is characterized by performing an annealing step on a semiconductor substrate before an electrode forming step. By means of performing annealing in the above manner it is possible to improve the electrical characteristics of the solar cell without negatively impacting reliability or outward appearance. As a result the method can be widely used in methods for producing solar cells having high reliability and electrical characteristics.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2253/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD TO PROACTIVELY SCHEDULE DISASTER RECOVERY (DR) DRILL(S)/TEST(S) FOR APPLICATION(S) IN INFORMATION TECHNOLOGY (IT) ENTERPRISES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANOVI TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :186-2, 3RD FLOOR, TAPASWIJI
(33) Name of priority country	:NA	ARCADE, MADIVALA, BTM LAYOUT 2, BANGALORE -
(86) International Application No	:NA	560 076 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GARG, DEVENDRA
(61) Patent of Addition to Application Number	:NA	2)KUPPUSAMY, VINODRAJ
Filing Date	:NA	3)RAGHUNATHAN, RAVIKUMAR
(62) Divisional to Application Number	:NA	4)NAGARAJAN, SIVAKUMAR
Filing Date	:NA	

(57) Abstract :

SYSTEM AND METHOD TO PROACTIVELY AND INTELLIGENTLY SCHEDULE DISASTER RECOVERY (DR) DRILL(S)/TEST(S) IN COMPUTING SYSTEM ENVIRONEMENT A system (10) and method for proactively and intelligently scheduling Disaster Recovery (DR) drill(s)/test(s) for application, a set of applications or entire site in a computing system environment, the system (10) comprising: one or more Drill Intelligence Module (12) logically connected to one or more Production Sites (14) and one or more Disaster Recovery Sites (16), one or more Replication Systems (28) logically connected to the said Drill Intelligence Module (12), the said Production Site (14) and the said Disaster Recovery Site (16), a Network (18) connecting the said Drill Intelligence Module (12) with the Production Site (14), the said Disaster Recovery Site (16) and the said Replication system (28) wherein the said Drill Intelligence Module (12) is provided with at least one Configuration Monitoring Module (20), at least one Application Load Monitoring Module (22), at least one Drill Tracker Module (24) and at least one Drill Advisor Module (26). (FIG. 1)

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1467/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD TO PROACTIVELY MAINTAIN A CONSISTENT RECOVERY POINT OBJECTIVE (RPO) ACROSS DATA CENTERS

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANOVI TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :186/2, 3RD FLOOR, TAPASWIJI
(33) Name of priority country	:NA	ARCADE, BTM LAYOUT 1ST STAGE, HOSUR ROAD,
(86) International Application No	:NA	BANGALORE - 560 068 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BABASHETTY, SHARANABASAPPA
(61) Patent of Addition to Application Number	:NA	2)GARG, DEVENDRA
Filing Date	:NA	3)VONNA, RAJASEKHAR
(62) Divisional to Application Number	:NA	4)MADAWAT, SUKUMAR
Filing Date	:NA	

(57) Abstract :

A system (10) and for proactively monitoring and maintaining a consistent recovery point objective (RPO) across data centers, the system comprising: one or more RPO Management Server(s) (12) logically connected to one or more Production Sites (14) and one or more Disaster Recovery Sites (16); a Network (18) connecting the said RPO Management Server(s) (12) with the said Production Site (14) and the said Disaster Recovery Site (16) wherein the said RPO Management Server (12) is provided with at least one RPO Manager (30), at least one Disaster Recovery Management (DRM) System (26) and at least one Replication Management System (28). (FIG. 1)

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR SHARING AND MANAGEMENT OF PERSONALIZED ENTERTAINMENT AND MEDIA FILES

(51) International classification	:G06F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANTOSH KUMAR KONGONDA
(32) Priority Date	:NA	Address of Applicant :HNO#24-544/1, PLOT#3, ROAD#3,
(33) Name of priority country	:NA	MARUTHI NAGAR, LOTHKUNTA, SECUNDERABAD - 500
(86) International Application No	:NA	015 Andhra Pradesh India
Filing Date	:NA	2)VARSHA SURYAPRAKASH SHRIVASTAVA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SANTOSH KUMAR KONGONDA
Filing Date	:NA	2)VARSHA SURYAPRAKASH SHRIVASTAVA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiment of the present disclosure is directed towards a user specific social networking system. The system includes a clustering module configured to enable one or more registered users to cluster a list of contacts in to one or more predefined categories, a prediction/profile management module configured to provide one or more personalized predictions to the one or more registered users, a messaging module configured to allow the one or more registered users to post one or more messages in a specific group and a content uploading module configured to upload a content in the specific group through one or more registered user account.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.109/KOL/2008 A

(19) INDIA

(22) Date of filing of Application :16/01/2008

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED LEVER OPERATED STEERING SYSTEM FOR CRANES

(51) International classification

:AS01

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(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 :6 UDAYACHAL, 2ND FLOOR, 9,
RAWDON STREET, KOLKATA 700 017, WEST BENGAL
23/7, MATHURA ROAD, BALLABGARH 121 004, HARYANA
West Bengal India

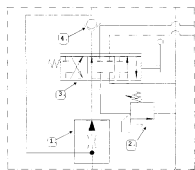
(72)Name of Inventor :

1)SANJEEV ARORA

2)ROOPAK SHARMA

(57) Abstract :

A smooth jerk-free improved lever operated steering system for a pick and carry crane wherein flow is controlled prior to the control valve increasing the efficiency of the hydraulic system by separating steering oil flow and facilitating the use of excess oil for other operation during steering. The steering system uses a single bi-directional steering system relief which relieves the opposite work port which leaves the steering volume neutral and thus helps in steering stability in rough terrain and eliminating possibility of causing self steering. The steering system also uses a single flow control valve, which eliminates the problem of time lag on either side operations of the steering cylinders.



No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.385/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN AUTOMATED APPARATUS AND A METHOD OF CHAMFERING, DE-BURRING AND MEASUREMENT OF LARGE VOLUME HOLES FOR DIFFERENT SIZES OF HEAT EXCHANGER AND CONDENSER PLATES

(51) International classification	:B24B 9/00	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. West Bengal
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AVINASH PATIL
Filing Date	:NA	2)JAGADAM ASHOK MOURYA
(62) Divisional to Application Number	:NA	3)SUBRATA BISWAS
Filing Date	:NA	

(57) Abstract :

An automated apparatus for chamfering/de-burring and measurement of large volume of holes for different sizes of heat exchanger and condenser, the said apparatus comprising two horizontal X-axis rail (1), one horizontal Y-axis rail (2) mounted on X-axis rails (1), two vertical Z-axes (Z1 and Z2 axis) rails (3, 4) mounted on Y-axis (2) when Z1-axis (3) carrying a rotating spindle (10) having chamfering/de-burring tool (11) and Z2-axis (4) carrying a measurement probe (9) wherein the Z1-axis (3) can extend such that the chamfering or de-burring tool (11) can travel below the bottom surface of the condenser plate (6) for chamfering or de-burring of the holes, a programmable controller, for motion control of X, Y and Z axes, a supporting structure having support blocks (8) disposed in the T-slotted plate (7) and supporting legs (5), wherein the chamfering tool (11) is disposed for chamfering or de-burring all the holes and the measurement probe (9) is disposed for measuring the said holes when all the movements and operations are controlled by a pre set program.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2014

(21) Application No.731/KOLNP/2014 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONDENSATE TRAP

(51) International classification :F16T1/14,F16T1/16,F16T1/22
(31) Priority Document No :2007585
(32) Priority Date :12/10/2011
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2012/050712
Filing Date :11/10/2012
(87) International Publication No :WO 2013/055216
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)THERMASS INNOVATIONS B.V.

Address of Applicant :Senecalaan 21 NL 6135 HS Sittard
Netherlands

(72)Name of Inventor :

1)BARTHOLOMEUS Titus Maria Christiaan

(57) Abstract :

A condensate trap is provided with a liquid supply hole (1) and a liquid discharge hole (9) as well as a vapour discharge hole (6) located in the upper side of the casing (2). A cylindrical chamber (12) is located in the casing (2) in which chamber an expansion piston (3) can move. A hollow piston rod (13) is attached to the lower side of the expansion piston. The liquid supply hole (1) communicates with the chamber around the piston rod (13). The wall of the piston rod (13) has throttling ports (4) which extend in tangential direction. A siphon (7) is located in the piston rod underneath the throttling ports (4). In the piston rod underneath the siphon is located a further throttling port (8) which can be made to communicate with the liquid discharge hole (9) in that the expansion piston (3) moves up. The space in a further chamber (10) underneath the bottom of the piston rod communicates via a channel (11) with the liquid discharge hole (9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PISTON PUMP/ MOTOR

(51) International classification :F01B11/00
(31) Priority Document No :2007584
(32) Priority Date :12/10/2011
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2012/050711
Filing Date :11/10/2012
(87) International Publication No :WO 2013/055215
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THERMASS INNOVATIONS B.V.
Address of Applicant :Senecalaan 21 NL 6135 HS Sittard
Netherlands
(72)Name of Inventor :
1)BARTHOLOMEUS Titus Maria Christiaan

(57) Abstract :

342A plunger pump / plunger motor comprises a block (1) accommodating a first cylindrical chamber (7) and a plunger (2) movable in this chamber and a drive shaft (19) connected to this plunger (2) as well as a second cylindrical chamber (7B) and a control valve (3) movable in this second cylindrical chamber. Holes O and O can alternately be brought into communication with the connection (6) for the delivery pipe by the plunger (2) and with a connecting hole (5) for a pressure line. The control valve (3) can establish a communication between the hole O and the connecting hole (5). The drive shaft (19) is connected to a further plunger (2a) which is movable in a third cylindrical chamber (8) in which there is a suction hole / delivery hole (9). The control valve (3) can alternately establish a communication between the suction hole / delivery hole (9) with a connecting hole (4) for a suction pipe and the connecting hole (5) for the pressure line. In this manner a simple plunger pump / plunger motor is obtained.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN ALTERNATING CURRENT (AC) MACHINE, SPECIALLY DESIGNED FOR IGBT BASED 3-PHASE DRIVE 25 KV ELECTRIC MULTIPLE UNIT (EMU)

(51) International classification	:H01F 27/00	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700 091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA. West Bengal India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NEERAJ VARSHNEY
Filing Date	:NA	2)ANAND SONI
(62) Divisional to Application Number	:NA	3)ARVIND KULSHRESHTHA
Filing Date	:NA	

(57) Abstract :

The present invention relates to an Alternating Current (AC) machine for IGBT based 3-phase drive 25 KV AC Electric Multiple Unit (EMU) to cater to the traction load and coach air conditioning load of a traction vehicle, wherein is provisioned a separate winding arrangement comprising traction windings, Hotel load winding with high winding impedances, high degree of magnetic decoupling, high overload withstand capability, the said windings being enclosed inside a sheath configured by a cooling circuit which operates in conformity with a cooling means, for effective cooling of the transformer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANODIC STRUCTURE FOR HORIZONTAL CELLS FOR PROCESSES OF METAL ELECTRODEPOSITION

(51) International classification :C25D7/06,C25D17/00,C25D17/10
(31) Priority Document No :MI2011A002136
(32) Priority Date :24/11/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/073527
Filing Date :23/11/2012
(87) International Publication No :WO 2013/076277
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INDUSTRIE DE NORA S.P.A.
Address of Applicant :Via Bistolfi 35 I 20134 Milan Italy
(72)Name of Inventor :
1)GOMES DE ABREU José Eduardo
2)OISHI Takashi
3)CALDERARA Alice

(57) Abstract :

2The present invention concerns an electrode for oxygen evolution in electroplating plants comprising a valve metal substrate and an outer catalytic layer the substrate consisting of a metal plate provided with slits of area ranging from 2 to 8 cm said slits being spaced apart by a distance of 5 to 25 cm. The invention also concerns a horizontal electrochemical cell for electroplating processes comprising at least one of said electrodes and an electroplating plant equipped with at least one of said cells. The invention also concerns an electroplating process comprising the step of anodically evolving oxygen on the surface of said electrode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.786/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ARRANGEMENT FOR UPDATING A CONTROL SYSTEM

(51) International classification :G06F9/445

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/FI2011/050874

Filing Date :11/10/2011

(87) International Publication No :WO 2013/053976

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SANDVIK MINING AND CONSTRUCTION OY

Address of Applicant :Pihtisulunkatu 9 FI 33330 Tampere
Finland

(72)Name of Inventor :

1)RANTANEN Arttu

2)VIITALA Janne

3)HAVERINEN Eemeli

(57) Abstract :

A method for updating software of a control system of a working machine the method comprising: creating an installation file structure comprising an installation application and files and data for the update of the control system; storing said installation file structure on a portable memory medium; connecting said portable memory medium to the control system of the working machine; and starting an update process from said installation file structure in response to a command from a control panel node of the working machine.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.787/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CONTROLLED PNEUMATIC DEVICE FOR AUTOMATICALLY INFLATING/DEFLATING A TYRE IN PARTICULAR

(51) International classification	:B60C23/00
(31) Priority Document No	:1158104
(32) Priority Date	:13/09/2011
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2012/052039
Filing Date	:12/09/2012
(87) International Publication No	:WO 2013/038107
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FAZEKAS Stéphane

Address of Applicant :Lieu dit Beaussiers F 42640 Noailly
France

(72)Name of Inventor :

1)FAZEKAS Stéphane

(57) Abstract :

The device comprises a hollow body (16) comprising an inlet port (20) secured to means for injecting a pressurised gaseous fluid an inflation port (24) in communication with the tyre at a pressure (PO) and an outlet port (21) for releasing said fluid to the outside; according to the invention it comprises a piston (25) slidably mounted in at least one chamber (17) of the body (16) under the effect of the injection of the fluid via the inlet port (20) said piston (25) cooperating with a movable assembly (35 36 39) in combination with an exhaust valve (27) such that: under the effect of the injection of the gaseous fluid at a pressure ($P1 > P0$) the piston (25) and the movable assembly (35 36 39) are moved linearly toward a first elastic member (38) relative to the exhaust valve (27) which remains fixed until said piston (25) and said assembly (35 36 39) reach a stop position corresponding to the opening of the injection valve (36) and the closing of the exhaust valve (27) under the effect of the injection of the gaseous fluid at a pressure ($P2 > P1$) the piston (25) is moved toward a second elastic member (40) and relative to the movable assembly (35 36 39) which remains in the stop position causing an inflation member (39) to close and the exhaust valve (27) to move toward a third elastic member (30) corresponding to the opening of same from the injection valve (36) which remains open.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.408/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : 'MACHINE VISION BASED STRIP VELOCITY MEASUREMENT SYSTEM'

(51) International classification	:G01N 21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001, INDIA Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PUNIT RATHORE
(61) Patent of Addition to Application Number	:NA	2)ASHISH TIWARI
Filing Date	:NA	3)PRABAL PATRA
(62) Divisional to Application Number	:NA	4)CHITRESH KUNDU
Filing Date	:NA	

(57) Abstract :

The present invention relates to a Strip Velocity Measurement system to measure the hot strip speed in hot strip mill, comprising a high resolution camera unit, an embedded hardware unit which hosts an analysis software, a telephoto lens to focus the strip image onto the CCD surface, a pin hole camera enclosure arrangement for accommodating an imaging system which makes it to work in very harsh environment, a clean air purging unit which delivers clean air, and a flow of the clean air which is delivered from said clean air unit, a calibration unit which consist of a plurality of checker boxes distributed over a steel sheet for determining extrinsic and intrinsic parameters of the camera, wherein the system employs edge detection to determine the optical flow between two successive frames obtained at a fixed time interval, wherein the edge detection based on adaptive threshold in each frame is computed to determine the optical flow between the successive image frames and wherein the hot strip speed is measured with its acceleration to allow crop shear to cut the deformed ends of strip very precisely.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM BASE STATION MOBILE STATION AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04W24/10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2011/072785

Filing Date :03/10/2011

(87) International Publication No :WO 2013/051089

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)FUJITSU LIMITED

Address of Applicant :1 1 Kamikodanaka 4 chome Nakahara
ku Kawasaki shi Kanagawa 2118588 Japan

(72)Name of Inventor :

1)ITO Akira

(57) Abstract :

A base station (10) communicates with a mobile station. The base station (10) has a scheduler (12) and a control signal transmitter (13). The scheduler (12) selects from among a plurality of data series corresponding to resources used for transmitting a signal used by a mobile station to measure reception quality identification information for identifying the data series that corresponds to the position of the mobile station. The control signal transmitter (13) transmits the identification information to the mobile station. The mobile station has a control signal receiver a channel state information (CSI) measuring unit and a CSI transmitter. The control signal receiver receives the identification information transmitted by the control signal transmitter (13). The CSI measuring unit uses a signal for the data series identified by the identification information to measure the reception quality. The CSI transmitter transmits information representing the reception quality measured by the CSI measuring unit to the base station (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.791/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ELASTOMERIC DRAFT GEAR FOR A RAILCAR

(51) International classification :B61G9/10,B65G11/10,F16F1/04
(31) Priority Document No :13/233231
(32) Priority Date :15/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054989
Filing Date :13/09/2012
(87) International Publication No :WO 2013/040119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GREGAR Peter
3)SPRAINIS John M.

(57) Abstract :

A draft gear assembly includes housing and an elastomeric spring stack disposed therewithin and including a plurality of compressible elastomeric springs disposed in series with each other. Each compressible elastomeric spring includes a compressible elastomeric pad a rigid member positioned in direct contact with one end surface of the compressible elastomeric pad a central aperture through a thickness of the rigid member an abutment upstanding axially on the end surface of the compressible elastomeric pad the abutment having a peripheral surface thereof sized to be received within the central aperture formed through the thickness of the rigid member and an annular lip disposed on a distal end of the axial abutment in a plane being substantially transverse to the central axis whereby an annular thickness portion of the rigid member is caged between the end surface of the compressible elastomeric pad and an inner surface of the annular lip.

No. of Pages : 35 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.409/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : 'NON CONTACT REAL-TIME RHOMBOIDITY MEASUREMENT'

(51) International classification	:G06K 9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001, INDIA Jharkhand
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PUNIT RATHORE
(61) Patent of Addition to Application Number	:NA	2)ASHISH TIWARI
Filing Date	:NA	3)PRABAL PATRA
(62) Divisional to Application Number	:NA	4)CHITRESH KUNDU
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for real-time measurement of rhomboidity of hot billet comprising a high resolution camera unit, an embedded hardware unit which hosts an analysis software, a telephoto lens to focus billet cross section image onto the CCD surface, a camera enclosure arrangement for imaging system which makes it to work in very harsh environment, a clean air purging unit which delivers clean air, and a flow of the clean air which is delivered from said clean air unit, wherein the system is operative to billets cross section edge detection to determine the billet rhomboidity, and wherein the known Hough Transform is used to determine the billet face edges which provides a basis for robust extraction of shapes, the properties of the Hough Transform being robust to impulsive noise, insensitivity to partial occlusion of patterns, the system is enabled to work even in presence of uncertainties like Scales, Burns.

No. of Pages : 16 No. of Claims : 3

(54) Title of the invention : DISK BRAKE AND BRAKE PAD FOR A DISK BRAKE

(51) International classification :F16D65/092,F16D65/095,F16D55/226
 (31) Priority Document No :10 2011 115 213.3
 (32) Priority Date :28/09/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2012/067888
 Filing Date :13/09/2012
 (87) International Publication No :WO 2013/045275
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 Address of Applicant :Moosacher Str. 80 80809 München Germany
 (72)Name of Inventor :
1)SCHOENAUER Manfred

(57) Abstract :

The invention relates to a disk brake for a commercial vehicle having a brake calliper (1) which takes the form of a sliding calliper comprises a brake disk (3) and in which brake pads (5 4) are arranged on the actuation side and on the reaction side and can be pressed against both sides of the brake disk (3) by means of an actuation device (8) during braking. The reaction side brake pad (4) is supported on a rear side wall (2) of the brake calliper (1) by a pad carrier plate (6) carrying a friction pad (7) and a gap is formed in a non operational position in a region facing an assembly opening (11) of the brake calliper (1) between the rear side wall (2) of the brake calliper (1) and the reaction side brake pad (4) said gap being wider than the adjacent region and the length of said gap corresponding at least to the length (L) of the contact surface of the wall (2) on the pad carrier plate (6) when applied the disk brake being disposed in such a manner that the gap is formed by at least one recess (9) of the pad carrier plate (6) said recess being integrated into the planar rear side (12) running parallel to the side (13) carrying the friction pad (7) the recess (9) running at a distance from the edges of the pad carrier plate (6) that delimit the longitudinal sides.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MULTILAYER IMAGE DISPLAY DEVICE AND METHOD

(51) International classification	:G02F1/1347,G02F1/13363	(71)Name of Applicant :
(31) Priority Document No	:10 2011 114 702.4	1)BLEXTON MANAGEMENT LTD.
(32) Priority Date	:30/09/2011	Address of Applicant :Pindarou Street 12 Office 501 1010
(33) Name of priority country	:Germany	Nikosia Cyprus
(86) International Application No	:PCT/EP2012/004083	(72)Name of Inventor :
Filing Date	:28/09/2012	1)WAMMES Klaus
(87) International Publication No	:WO 2013/045103	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a multilayer image display device comprising at least the following components arranged along a longitudinal extension direction from the rear toward the front in this order: a) a light source (16) b) a first liquid crystal layer (214) and c) a second liquid crystal layer (224) wherein at least one polarization filter (210 212) is assigned to the first liquid crystal layer and at least one polarization filter (220 222) is assigned to the second liquid crystal layer wherein the light from the light source is furthermore guided through at least one optical and/or electro optical retardation element (230 221 260) before it reaches an observer.

No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.796/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : THERAPEUTIC COMBINATION FOR THE TREATMENT OF CANCER

(51) International classification :A61K31/282,A61K36/24,A61P35/00
(31) Priority Document No :61/549386
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/061226
Filing Date :20/10/2012
(87) International Publication No :WO 2013/059753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)KNOCKE Dennis R.
2)NESTER Joseph B.
3)PAPASOTIRIOU Ioannis

(57) Abstract :

NeriumNerium oleanderThis invention relates to therapeutic combinations comprising a platinum based antineoplastic agent such as cisplatin and an extract from a species of the genus such as as well as methods of using such combinations to treat subjects including humans suffering from certain cancers such as prostate cancer melanoma pancreatic cancer lung cancer breast cancer or colorectal cancer.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.390/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SMOKE ABSORBER

(51) International classification	:F02B 3/00	(71)Name of Applicant : 1)RABINDAR KUMAR
(31) Priority Document No	:NA	Address of Applicant :JAGJIVAN NAGAR BETTIAH,
(32) Priority Date	:NA	WARD NO. 27, DIST. CHAMPARAN, PIN-845438 BIHAR,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RABINDAR KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a smoke absorber and in particular, this invention relates to a smoke absorber having a box with a coating inside. More particularly, this present invention relates to a smoke control box with a coating inside the box containing the composition of petrol, diesel and grease. Furthermore, this invention also relates to a smoke absorber which has the beneficial effects of having high efficiency, saving manpower cost, reducing labor intensity, and having safety and reliability in production.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.738/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR MAXIMUM DISTILLATE PRODUCTION FROM FLUID CATALYTIC CRACKING UNITS (FCCU)

(51) International classification :C07C4/02
(31) Priority Document No :13/298636
(32) Priority Date :17/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065257
Filing Date :15/11/2012
(87) International Publication No :WO 2013/074775
(61) Patent of Addition 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)BORIES Marc
3)LETZSCH Warren Stewart
4)LEROY Patrick
5)SANTNER Chris
6)ROSS Joseph L. Jr.

(57) Abstract :

The present invention provides an improved fluidized catalytic cracking process coupled with a two stage regeneration process in which the activity of the circulating catalyst is independently controlled for cracking hydrocarbon feedstocks or the vapors at low severity to produce maximum light cycle oil/distillate in one riser whilst cracking recycle streams comprising heavy cycle oil (HCO) light cracked naphtha (LCN) etc. in a second riser operating at high severity to produce LPG.

No. of Pages : 47 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.739/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INTERFERENCE MEASUREMENT INDICATION METHOD INTERFERENCE MEASUREMENT METHOD RELATED DEVICE AND COMMUNICATION SYSTEM

(51) International classification	:H04W24/00
(31) Priority Document No	:201110296342.9
(32) Priority Date	:30/09/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2012/082579
Filing Date	:08/10/2012
(87) International Publication No	:WO 2013/044886
(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)SUN Jingyuan

4)ZHOU Mingyu

5)REN Xiaotao

(57) Abstract :

Disclosed are an interference measurement indication method an interference measurement method a related device and a communication system. The interference measurement indication method comprises: a base station transmitting to a user equipment (UE) at least one first class channel state information reference signal (CSI RS) configuration signaling where the first class CSI RS configuration signaling indicates a first resource set used for CSI RS transmission; and the base station transmitting to the UE at least one second class CSI RS configuration signaling where the at least one second class CSI RS configuration signaling indicates a second resource set used for CSI RS transmission is a subset of the first resource set. The technical solution provided in embodiments of the present invention facilitates the flexibility of UE interference measurement.

No. of Pages : 67 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.800/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FUEL CELL BLOCK

(51) International classification :H01M8/04,F16K27/00
(31) Priority Document No :11191536.9
(32) Priority Date :01/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/071750
Filing Date :02/11/2012
(87) International Publication No :WO 2013/079273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BÄRNREUTHER Frank
2)DÖRFLER Stefan
3)HOFFMANN Joachim
4)MATTEJAT Arno

(57) Abstract :

The invention relates to a fuel cell block (1) with an operating medium supply unit (3) supplying the fuel cell block (1) with an operating medium (2) wherein the operating medium supply unit (3) has an integrated valve assembly (4) with at least a first valve (5) and a second valve (6). Both the first valve (5) and the second valve (6) are integrated into connection elements (7 8) jointly used by both valves (5 6). The invention further provides that the jointly used connection elements (7 8) are two flange plates (7 8) in each of which operating medium passages (9 21 22 23) for the operating medium (2) are arranged to which the first and second valves (5 6) are connected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.801/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SORBENT COMPRISING CROSSLINKED POLYVINYLAMINE ON ITS SURFACE FOR THE PURIFICATION OF ORGANIC MOLECULES

(51) International classification :B01J20/10,B01J20/283,B01J20/285
(31) Priority Document No :11181415.8
(32) Priority Date :15/09/2011
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2012/068194
Filing Date :17/09/2012
(87) International Publication No :WO 2013/037991
(61) Patent of Addition to Application Number :NA
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)DEGEL Björn
3)SCHWARZ Thomas
4)STUMM Gerhard
5)WELTER Martin

(57) Abstract :

In a first embodiment the present invention relates to a sorbent comprising a porous inorganic solid support material having on its surface a film of a crosslinked polyvinylamine comprising derivatized amine groups and amine groups binding to the surface of the support material via electron donor/acceptor interactions. In a second embodiment the present invention relates to a sorbent comprising a solid support material the surface of which comprises a residue of a general formula (I) wherein the residue is attached via a covalent single bond to a functional group on the surface of either the bulk solid support material itself or of a polymer film on the surface of the solid support material. Furthermore the present invention relates to the use of the sorbents according to the invention for the purification of organic molecules in particular pharmaceutically active compounds preferably in chromatographic applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4192/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF [4-(2-CHLORO-4-METHOXY-5-METHYLPHENYL)-5-METHYL-THI-AZOLO-2-YL]-[2-CYCLOPROPYL-1-(3-FLUORO-4-METHYLPHENYL-EHTYL)]-AMINE

(51) International classification	:C07D 277/42
(31) Priority Document No	:P09 00267
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/HU2010/000047
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/125414
(61) Patent of Addition to Application Number	:NA
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)FAZEKAS, JÁNOS

3)MISKOLCZI, PÉTER

4)MOLNÁR, ANNAMÁRIA

5)ÁGAI, BÉLA

(57) Abstract :

The subject of the present invention is a novel process for the preparation of the [4-(2-chloro-4-methoxy-5-methylphenyl)-5-methyl-thiazolo-2-yl]-[2-cyclopropyl- 1-(3-fluoro-4-methylphenyl)-ethyl]-amine of formula (I) and the new intermediates of the preparation process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.756/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : STARTER APPARATUS SYSTEM AND/OR METHOD FOR A SEPARABLE WINDING MOTOR

(51) International classification	:H02H3/08,H02H9/02	(71)Name of Applicant :
(31) Priority Document No	:61/531610	1)CERUS INDUSTRIAL CORPORATION
(32) Priority Date	:06/09/2011	Address of Applicant :22995 Nw Evergreen Pkwy. Hillsboro
(33) Name of priority country	:U.S.A.	OR 97124 U.S.A.
(86) International Application No	:PCT/US2012/054003	(72)Name of Inventor :
Filing Date	:06/09/2012	1)PERRA Andre Pierre
(87) International Publication No	:WO 2013/036670	2)HOLCE Kent Jeffrey
(61) Patent of Addition to Application	:NA	3)LEONARD Scott E.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Starter apparatuses are provided for multiple winding motors. Such starters can function with a single/combined overload device/circuit rather than requiring multiple overloads relays and separate overload trip circuits for each motor winding. A microcontroller (102) can keep track of the applicable overload trip points and can control multiple discrete contactors (202 204) appropriately via a single/combined overload relay (104). For a specific implementation additional and/or alternative desirable functionality can also be afforded including universal voltage input true power characteristic sensing for status output/annunciation integrated damper control and substantially automated trip point selection and/or implementation.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DUST MASK

(51) International classification :A62B18/02,A62B9/04,A62B18/08
(31) Priority Document No :1020110091410
(32) Priority Date :08/09/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/005641
Filing Date :16/07/2012
(87) International Publication No :WO 2013/035979
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Seoul 135 280 Republic of Korea
(72)Name of Inventor :
1)JEONG Cheong Dae

(57) Abstract :

The present invention relates to a dust mask. The dust mask of the present invention comprises: a mask main body in a shape enclosing the nose and mouth areas; a ring shaped eyepiece the outer perimeter of which is bound to the periphery of the main body; and a shape retainer detachably provided on an inner surface of the main body. In particular the shape retainer is a thin film which is not pervious to fluid and which has an intake hole and a discharge hole an outer perimeter contacting a joining portion between the main body and the eyepiece and a contactless passage connected from the end of the outer perimeter to the intake hole by means of a plurality of projecting guides radially formed on a surface thereof. The dust mask of the present invention does not exhibit loss of filtering ability of the mask main body caused by contact. Thus the dust filtering efficiency of the dust mask is significantly improved over conventional masks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.815/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : WASHING MACHINE AND METHOD FOR CONTROLLING THE SAME

(51) International classification	:D06F35/00
(31) Priority Document No	:201110330253.1
(32) Priority Date	:19/10/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/EP2012/070723
Filing Date	:19/10/2012
(87) International Publication No	:WO 2013/057234
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)CHEN Aifen
2)DAI Ting
3)LI Lianhua
4)ZHANG Xiaofeng

(57) Abstract :

A method for controlling a washing machine 1 includes steps as follows: executing a timing procedure after running of all working procedures input in the washing machine 1 is finished; finishing the timing procedure after a preset time T and executing a deodorizing procedure by the washing machine 1; and returning to executing the timing procedure after the deodorizing procedure is finished. The washing machine 1 stops working until a user takes out washings. A type judging procedure of an original working procedure may be first executed before the timing procedure is executed. An operation checking procedure may further be executed while the timing procedure is executed. The deodorizing procedure is a washing procedure or a rinsing procedure so as to more effectively and automatically removes a malodour phenomenon produced by the washings due to not being taken out of a drum of the washing machine 1 in time. In addition a washing machine 1 using the foregoing control method is further provided.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.394/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD OF INCREASING SURFACE HARDNESS OF STEAM TURBINE BLADING STEEL BY HIGH POWER DIODE LASER HARDENING

(51) International classification	:B05D 3/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. West Bengal
(31) Priority Document No	:NA	(72)Name of Inventor : 1)BHARAT KUMAR PANT
(32) Priority Date	:NA	2)ARJUN KALYANKAR
(33) Name of priority country	:NA	3)RAMANDEEP MANDYA
(86) International Application No	:NA	4)KASAVARAJU VIDYASAGAR
Filing Date	:NA	5)GOPALAN JAYARAMAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of increasing surface hardness of steam turbine blading steel by high power diode laser hardening, comprising the steps of :- providing a two stage heat treatment of an annealed and as produced steel sample to achieve an initial hardness of around 360 HV0.3; subjecting the treated sample a laser treatment using a high power diode laser followed by post laser heat treatment such that the hardness of the sample surface reaches higher than 450 Hv 0.3, with the surface hardness of the untreated part restricted to 330 Hv 0.3; wherein the optical laser power and the scan speed applied being 1500-2000 watt and 120-130 mm/min respectively, and wherein the wavelength of the diode laser is 0.840 and 0.980 micron.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ROLLER LEVELER AND PLATE FLATTENING METHOD USING THE SAME

(51) International classification :B21D1/05
(31) Priority Document No :2011200172
(32) Priority Date :14/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/069906
Filing Date :03/08/2012
(87) International Publication No :WO 2013/038837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)AOYAMA Toru

(57) Abstract :

The correction ratio of the widthwise end parts of a plate (P) is calculated from the degree of offset from the center of a pass line in the plate width center and from the load on pressing cylinders (4a 4b) at the two widthwise ends. The degree of tightening of the pressing cylinders (4a 4b) at the two widthwise ends is individually controlled and vertical deflection is corrected. The degree of tightening of a plurality of hydraulic crowning cylinders (12) is individually controlled and lateral deflection is corrected on the basis of detection values from a plurality of deflection detection sensors (21). The plate width center is determined from the degree of offset of the plate (P). The degree of compressive deformation in the plate thickness center is calculated on the basis of the mill constant of compressive deformation and the load at the plate width center. The degree of tightening of the plurality of hydraulic crowning cylinders (12) is individually controlled and the compressive deformation is corrected by multiplying the degree of compressive deformation in the plate thickness center by a function of the degree of offset and the plate width in the position of each of the hydraulic crowning cylinders (12).

No. of Pages : 69 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.755/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MOTOR PROTECTION AND CONTROL APPARATUS SYSTEM AND/OR METHOD

(51) International classification	:H02H3/08,H02H9/02	(71)Name of Applicant :
(31) Priority Document No	:61/531610	1)CERUS INDUSTRIAL CORPORATION
(32) Priority Date	:06/09/2011	Address of Applicant :22995 NW Evergreen Pkwy. Hillsboro
(33) Name of priority country	:U.S.A.	OR 97124 U.S.A.
(86) International Application No	:PCT/US2012/054037	(72)Name of Inventor :
Filing Date	:06/09/2012	1)PERRA Andre Pierre
(87) International Publication No	:WO 2013/036696	2)HOLCE Kent Jeffrey
(61) Patent of Addition to Application	:NA	3)LEONARD Scott E.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the field of motor protection for industrial automation systems HVAC systems pumping systems and/or similar implementations improved motor starters and overload electronics (104) can be configured to offer substantially automatic levels of protection for motors (200) independent of such starters and/or overload electronics (104) first being calibrated for or properly calibrated for the motor (200).

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.817/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TRIP MECHANISM AND ELECTRICAL SWITCHING APPARATUS INCLUDING A TRIP MEMBER PUSHED BY PRESSURE ARISING FROM AN ARC IN AN ARC CHAMBER

(51) International classification :H01H9/34,H01H71/12,H01H71/24
(31) Priority Document No :13/312364
(32) Priority Date :06/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051655
Filing Date :21/08/2012
(87) International Publication No :WO 2013/085578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SHEA John J.
2)SCHALTENBRAND Brian J.
3)JANUSEK Mark A.

(57) Abstract :

An electrical switching apparatus (2;50) includes separable contacts (10) an operating mechanism (16) structured to open and close the separable contacts and a trip mechanism (14) cooperating with the operating mechanism to trip open the separable contacts. The trip mechanism includes a trip latch (4) and an arc chamber (18) operatively associated with the separable contacts. The arc chamber includes a plurality of arc plates (20) and a barrier (22) disposed between the arc plates and the trip latch. The barrier has an opening (12;58) therein. A trip member (8) is disposed in or about the opening of the barrier of the arc chamber. During interruption of current flowing through the separable contacts pressure arising from an arc (11) in the arc chamber pushes the trip member away from the barrier of the arc chamber to engage the trip latch and cause the trip mechanism to trip open the separable contacts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.396/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN OPTIMIZED PROCESS TO UPGRADE IRON CONTENT AND LOWER ALUMINA CONTENT OF STEEL SLAG REJECTS.

(51) International classification	:G01N 33/00	(71)Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	AND SCIENTIFIC SERVICES DIVISION JAMSHEDPUR-831
(33) Name of priority country	:NA	001 INDIA Jharkhand
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DILIP MAKHIJA
(87) International Publication No	: NA	2)ABHAY SHANKAR PATRA
(61) Patent of Addition to Application Number	:NA	3)K. CHAKRAVARTY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for upgrading iron content and lower alumina content of waste steel slag comprising cooling the steel slag; crushing the steel slag to less than 6mm, subjecting the enriched steel slag to the step of magnetic separation, screening the non-magnetic fraction to obtain -6 + 0.5 mm and -0.5 mm fractions, subjecting the screened non-magnetic fraction to the step of jigging and spiral concentration to separate high density and low density material.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : HOT SLAB SHAPE CONTROL EQUIPMENT AND SHAPE CONTROL METHOD

(51) International classification :B21B15/00,B21B1/02,B21J1/04
(31) Priority Document No :2011233608
(32) Priority Date :25/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006639
Filing Date :17/10/2012
(87) International Publication No :WO 2013/061542
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SASAKI Shunsuke
2)MIYAKE Masaru
3)KIMURA Yukio

(57) Abstract :

According to conventional technology a slab cannot be formed into desired target dimensions with high productivity while minimizing yield loss and an increase in thickness due to unsteady deformation of front and rear ends during slab width reduction. Slab shape control equipment includes a horizontal rolling machine (1) disposed on the upstream side or an entry side horizontal rolling machine (1) and an exit side horizontal rolling machine (3) disposed on the upstream side and the downstream side respectively of a width press machine (2) for slab width reduction with respect to the direction of slab transportation. By using the equipment a single hot slab (10) is subjected to thickness rolling by the horizontal rolling machine (1) or the horizontal rolling machine (1) and the horizontal rolling machine (3) and to width reduction by the width press machine (2) simultaneously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.823/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND ASSEMBLY FOR OPERATING SYNCHRONOUS MOTORS

(51) International classification :H02P27/16,H02P6/22
(31) Priority Document No :10 2011 085 853.9
(32) Priority Date :07/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/071693
Filing Date :02/11/2012
(87) International Publication No :WO 2013/068301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2 80333 München
Germany
(72)Name of Inventor :
1)BENECKE Marcel

(57) Abstract :

The invention relates to a method for operating a synchronous machine by means of a three phase AC power controller which is connected to a three phase network comprising the following steps: determining the phase difference between the magnet wheel voltage of the synchronous machine and the network voltage of the three phase network; determining the rotational speed of the rotor of the synchronous machine; determining the phase position of the three phase network; determining a decision characteristic number on the basis of a stored data table that has been calculated in advance which data table associates a decision characteristic number with value triples of phase difference phase position and rotational speed; and determining at least one switching time point on the basis of the decision characteristic number.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.824/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND ASSEMBLY FOR OPERATING SYNCHRONOUS MOTORS

(51) International classification :H02P1/52,H02P25/02,H02P27/02

(31) Priority Document No :102011085859.8

(32) Priority Date :07/11/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/071345

Filing Date :29/10/2012

(87) International Publication No :WO 2013/068257

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BENECKE Marcel

(57) Abstract :

The invention relates to a method for operating a synchronous machine (1) by means of a three phase power controller (4) which comprises three semiconductor controllers (6 7 8) and is connected to a three phase network comprising the following steps: determining the phase difference between the magnet wheel voltage of the synchronous machine (1) and the network voltage of the three phase network; determining the rotational speed of the rotor of the synchronous machine; determining the phase position of the three phase network; determining at least some of the stator currents of the synchronous machine (1); determining a decision characteristic number on the basis of an advance calculation of the torque curve in the event of activation of at least two of the semiconductor controllers (6 7 8) while taking into account the current values for phase difference rotational speed stator current and phase position; and determining at least one switching time point on the basis of the decision characteristic number wherein the at least two semiconductor controllers (6 7 8) are activated at the switching time point.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 592/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/02/2010

(43) Publication Date : 02/10/2015

(54) Title of the invention : DIGITAL BROADCASTING SYSTEM AND METHOD OF PROCESSING DATA IN DIGITAL BROADCASTING SYSTEM

(51) International classification :H04N 7/24
(31) Priority Document No :60/957,714
(32) Priority Date :24/08/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2008/004966
Filing Date :25/08/2008
(87) International Publication No :WO 2009/028846
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SONG, JAE HYUNG
2)CHOI, IN HWAN
3)SUH, JONG YEUL
4)KIM, JIN PIL
5)LEE, CHOON
6)LEE, CHUL SOO

(57) Abstract :

A digital broadcast system and a method of processing data disclose. A receiving system of the digital broadcast system may include a baseband processor, a management processor, and a presentation processor. The baseband processor receives broadcast signals including mobile service data and main service data. The mobile service data configures a RS frame, and the RS frame includes the mobile service data and at least one type of channel setting information on the mobile service data. The management processor decodes the RS frame to acquire the mobile service data and the at least one type of channel setting information on the mobile service data, then extracts position information of an SDP message. Herein, the SDP message includes Codec information for each component in the respective virtual channel from file channel setting information, thereby accessing the SDP message from the extracted position information and gathers SDP message information. The presentation processor decodes mobile service data of a corresponding component based upon the gathered SDP message information.

No. of Pages : 82 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.770/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : REFRACTORY AND NOZZLE FOR CASTING

(51) International classification :C04B35/06,B22D11/10,B22D41/54
(31) Priority Document No :2011263870
(32) Priority Date :01/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/081101
Filing Date :30/11/2012
(87) International Publication No :WO 2013/081113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)MORIKAWA Katsumi
2)SASAKI Akinari
3)YOSHITSUGU Naomi
4)Li Ling

(57) Abstract :

23225252The present invention provides for long term prevention of hydration (slaking) of CaO during a production stage during storage and during an operation stage in a refractory comprising a CaO component. That is this refractory comprises refractory particles including a CaO component and refractory particles including an MgO component where a chemical component after heating in a 1 000°C non oxidizing atmosphere contains 0.1 5.0 mass% in total of one or more species of metal oxide selected from BO TiO VO PO and SiO and 2 35 mass% of free carbon the remainder being CaO and MgO and the (CaO/MgO) mass ratio being 0.1 1.5 and where an inorganic material coating 0.1 25 µm in thickness comprising CaO and the metal oxide(s) is formed on at least the CaO surface of the refractory particles including the CaO component and/or the MgO component in room temperature microscopic observation of a sample after heating in a 1 000°C non oxidizing atmosphere.

No. of Pages : 80 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.771/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR HOLDING WORKPIECES

(51) International classification	:B29C49/42
(31) Priority Document No	:10 2011 116 883.8
(32) Priority Date	:21/10/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/002049
Filing Date	:11/05/2012
(87) International Publication No	:WO 2013/056753
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)KHS CORPOPLAST GMBH
Address of Applicant :Meiendorfer Straße 203 22145
Hamburg Germany
(72)Name of Inventor :
1)LINKE Michael
2)KLATT Dieter
3)BAUMGARTE Rolf

(57) Abstract :

The device used to hold workpieces is designed in the manner of tongs and is provided with two tong arms (45 46). The tong arms are held by a tong base (47) and can be arranged at least in an open position and in a closed position. The tong base is held by a base element (48). The tong base is arranged on a transfer wheel an opening movement of the tong arms being carried out by means of a movement component transverse to a radial direction of the transfer wheel. The first tong arm (45) extends on both sides of a central line of the tong base at least in some regions said central line being oriented in a radial direction of the transfer wheel. A workpiece holding recess which is spanned by the tong arms at least in some regions is delimited by the second tong arm (46) only in a holding recess (68) region arranged on the outside in a radial direction of the transfer wheel relative to a holding recess transverse central line that runs transverse to the central line of the tong base.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.832/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : GRAFT FOR TISSUE LIFTING

(51) International classification :A61F2/10,A61F2/08,A45D44/22
(31) Priority Document No :1020110112135
(32) Priority Date :31/10/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/004421
Filing Date :05/06/2012
(87) International Publication No :WO 2013/065923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KIM Jong Woo

(57) Abstract :

The present invention relates to a graft for tissue lifting intended for pulling or spreading tissue by being inserted between drooping or wrinkled skin (S) and a subcutaneous muscle (m) layer wherein the graft (2) for tissue lifting comprises: a bio insertable thread (6) which can be inserted between the skin and the subcutaneous muscle layer and which has a distal portion to be pulled and a pulling proximal portion; and a mesh member (4) which is fixed and coupled to a side of the distal portion of the bio insertable thread (6) and which is provided with a plurality of voids wherein living tissue can grow and fill the insides of the voids.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.765/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : COATED STEEL MATERIAL WITH EXCELLENT LASER CUTTABILITY PRIMARY RUST PREVENTION PERFORMANCE AND LEGIBILITY

(51) International classification :B32B15/08,C09D5/10,C09D7/12
(31) Priority Document No :2011238543
(32) Priority Date :31/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064731
Filing Date :01/06/2012
(87) International Publication No :WO 2013/065349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Tokyo 1000011 Japan
(72)Name of Inventor :
1)KOMORITsutomu
2)KAGEIsamu
3)SHIOTANIKazuhiko

(57) Abstract :

22222222 Provided is a coated steel material which combines excellent laser cuttability with excellent primary rust prevention performance and which is excellent in terms of legibility in particular the legibility of characters written with a white paint. Specifically the coated steel material comprises a steel material and formed as a dry coating film on a surface thereof a coating film which contains a titania powder a zinc powder an aluminum powder and a color pigment comprising one or more of black iron oxide pigments and black burned pigments the contents of the titania powder zinc powder and aluminum powder being 4.5 26 g/m 5 30 g/m and 0.1 10 g/m respectively. When the contents of the titania powder zinc powder aluminum powder and color pigment are expressed by A g/m B g/m C g/m and X g/m respectively the value of Y represented by equation (1) is 0.010 0.200. The surface of the dry coating film has a Munsell lightness of 7.0 or less. $Y=X/(A+B+C)$ (1)

No. of Pages : 42 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.766/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : BELT HAVING EMBEDDED TENSION MEMBERS

(51) International classification :F16G1/10,F16G1/12,F16G1/28
(31) Priority Document No :10 2011 114 919.1
(32) Priority Date :06/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/004144
Filing Date :04/10/2012
(87) International Publication No :WO 2013/050143
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GIBSON Daniel Pattie

(57) Abstract :

In a force transmission belt or a conveyor belt in particular a toothed belt having a main belt body or a cord embedding zone made of a customary belt elastomer (20) in particular of polyurethane and having at least one tension member of carbon cord (10; 1 2) embedded in the elastomer (20) a material (30) is provided which is enclosed between the strands (1) of the cord (10) and which could have been introduced by applying coatings onto strands (1) of the cord (10) for example. Said filler material (30) which is different from the elastomer (20) in which the carbon cord is embedded consists of a composition of hydroxyaromates and aldehydes without any addition of rubber or rubber latex a hydroxyaromates aldehyde resin that does not contain rubber reaction products from hydroxyaromates or hydroxyaromates aldehyde compositions with isocyanates or isocyanate prepolymers and/or aromatically or polyaromatically cross linked polyurethanes or contains these substances. The elasticity of the carbon cord (10; 1 2) is thus successfully maintained good integration in the belt elastomer (20) is ensured and the service time of the belt is substantially increased.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.827/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICE FOR ATTACHING A KNOB OF A GEAR LEVER FOR A MOTOR VEHICLE

(51) International classification:F16H59/02,B60R21/02,G05G1/06

(31) Priority Document No :1159272

(32) Priority Date :13/10/2011

(33) Name of priority country :France

(86) International Application
No :PCT/FR2012/052235

Filing Date :03/10/2012

(87) International Publication
No :WO 2013/054021

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)BLANC Hugues

2)PRADIER Philippe

(57) Abstract :

The invention relates to a device including an insert (2) made of a plastic material and arranged so as to enable the attachment of a knob said insert having a portion overmolded onto one of the ends (1a) of said lever (1) as well as a space (2b) coaxially aligned with the portion (2) of the insert overmolded onto the end of the lever (1) said space enabling the limited coaxial movement of the knob (3) and of the insert (2) relative to the lever upon the exertion of an impact on the knob (3) with a view to absorbing the impact.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.828/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : POWER TRANSMISSION DEVICE

(51) International classification	:F16D13/52
(31) Priority Document No	:2011236447
(32) Priority Date	:27/10/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/077652
Filing Date	:25/10/2012
(87) International Publication No	:WO 2013/062063
(61) Patent of Addition 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)ANDO Go
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4)OISHI Hideyuki

(57) Abstract :

[Problem] To provide a power transmission device with which an engine can be started reliably by a kick starter means without increasing the transmission capacity. [Solution] A power transmission device having: a clutch housing (2) in which driving side clutch plates (6) are formed; a clutch member (4); driven side clutch plates (7) formed so as to alternate with the driving side clutch plates (6); a pressure member (5) with which the driving side clutch plates (6) and the driven side clutch plates (7) can be pressed into contact or with which the compressing force can be released; and a kick starter means (10) which is capable of applying rotational force to a shaft (3) and is capable of starting the engine when that rotational force is transmitted to the engine via the clutch member (4). In addition a reverse drive side compression assist cam is formed to increase the compression force of the driving side clutch plates (6) and the driven side clutch plates (7) when rotational force is applied to the shaft (3) by the kick starter means (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.402/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :27/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A CONTROL SYSTEM FOR ELECTROSTATIC PRECIPITATOR OPERATION.

(51) International classification	:B03C 3/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA. West Bengal
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VELU SUBBAN SURESHKUMAR
Filing Date	:NA	2)VIVEK PHILIP JOHN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of controlling the ESP operation comprising the steps: Providing monitoring means to monitor the operation of atleast the rapper process, hopper heater and ash level indicator (ALI) switch; Synchronizing the monitored data of the said rapper process, hopper heater and ash level indicator (ALI) switch; Controlling rapping process of an ESP field based on the synchronized data mentioned above and the field position; Communicating with the central control room through wired and/or wireless network thereby integrating the operation of the ESP and indicating for the any possible malfunction of the ESP and to trigger plant trip.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.781/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM INTERFACE DEVICES USE OF THE INTERFACE DEVICES AND METHOD FOR EYE SURGERY

(51) International classification	:A61F9/008,A61F9/009	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WAVELIGHT GMBH
(32) Priority Date	:NA	Address of Applicant :Am Wolfsmantel 5 91058 Erlangen
(33) Name of priority country	:NA	Germany
(86) International Application No	:PCT/EP2011/005062	(72)Name of Inventor :
Filing Date	:10/10/2011	1)GORSCHBOTH Claudia
(87) International Publication No	:WO 2013/053367	2)VOGLER Klaus
(61) Patent of Addition to Application	:NA	3)DONITZKY Christof
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The laser system for eye surgery comprises the eye surgical laser apparatus having optical components for providing pulsed focused laser radiation with radiation properties matched to the generation of photodisruptions in human eye tissue and with a control unit for positional control of the radiation focus of the laser radiation the control unit being designed for executing various control programs that represent various types of incision figure; and a set of interface devices each of the interface devices including a contact body that is transparent to the laser radiation with an abutment face for abutment against an eye to be treated and also a coupling portion for detachable coupling of the interface device onto a counter coupling portion of the laser apparatus the interface devices of the set differing by virtue of a differing optical effect on the laser radiation provided in the laser apparatus.

No. of Pages : 38 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.782/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COOLANT CYCLE SYSTEM

(51) International classification :F25B1/00,F24F11/02
(31) Priority Document No :2011218342
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075228
Filing Date :28/09/2012
(87) International Publication No :WO 2013/047828
(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)KIBO Kousuke

(57) Abstract :

Provided is a coolant cycle system in which the volume of information that needs to be specified in advance is lowered the computation processing load is reduced and differences in the actual operating conditions are reflected to make it possible to speed up stabilization of an operating state in which the total sum of the required input energy is minimized. The coolant cycle system (300) is provided with a plurality of actuators including outdoor fan motors (19m 29m) compressors (15m 25m) and indoor fan motors (47m 57m 67m) in order to perform a coolant circuit (310) refrigeration cycle. A controller (307) obtains the gradient for the current evaporation temperature or the current condensation temperature with regard to a graph of a function between each of the actuators and the evaporation temperature or the condensation temperature. The controller renews the value of the target evaporation temperature or the target condensation temperature so that the total sum of the input energy for each of the actuators is smaller than the present time.

No. of Pages : 113 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.841/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH TENSILE STRENGTH HOT ROLLED STEEL SHEET AND METHOD FOR PRODUCING SAME

(51) International classification :C22C38/00,B21B1/26,C21D9/46
(31) Priority Document No :2011244346
(32) Priority Date :08/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/007089
Filing Date :06/11/2012
(87) International Publication No :WO 2013/069252
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUNAKAWA Yoshimasa
3)MORIYASU Noriaki

(57) Abstract :

Provided are: a high tensile strength hot rolled steel sheet provided with both high strength and favorable workability (stretch flangeability) and moreover has superior material uniformity; and a method for producing same. The hot rolled steel sheet has a tensile strength of at least 780 MPa and has: a composition containing by mass% at least 0.03% and less than 0.07% of C no greater than 0.3% of Si 0.5 2.0% inclusive of Mn no greater than 0.025% of P no greater than 0.005% of S no greater than 0.0060% of N no greater than 0.1% of Al 0.07 0.11% inclusive of Ti and at least 0.08% and less than 0.15% of V in a manner such that Ti and V satisfy $0.18 = \text{Ti} + \text{V} = 0.24$ (Ti and V being the amount contained (mass%) of the respective elements) the remainder comprising Fe and unavoidable impurities; a matrix such that the area ratio of ferrite phase with respect to the total structure is at least 95%; and a structure such that minute carbides containing Ti and V and having an average grain size of less than 10 nm are dispersed/precipitated and the volume ratio of the minute carbides with respect to the total structure is at least 0.0020.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.404/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AN IMPROVED RAIL SLEEPER FOR HAULAGE ROAD TRAMLINE IN UNDERGROUND MINES/TUNNELS.

(51) International classification	:B65D 90/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. D. M. VISWAKARMA
(32) Priority Date	:NA	Address of Applicant :M/S D M VISWAKARMA VILL-
(33) Name of priority country	:NA	SYAGUDRI PUTKI NEAR KRISHNA TALKIES, P.O -
(86) International Application No	:NA	KUSUNDA, DIST.- DHANBAD. JHARKHAND - 826116
Filing Date	:NA	Jharkhand India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DEVI RUBY
Filing Date	:NA	2)VIHSWAKARMA DASARATH M ISTRI
(62) Divisional to Application Number	:NA	3)VISHWAKARMA NARESH
Filing Date	:NA	

(57) Abstract :

An improved rail sleeper for haulage road tramline in underground mines / tunnels, which comprises a base steel bar of rectangular size (1) having two nos. inverted steel U-plate attachments (3) on both the top sides (being welded) along with a couple of one side cut circular steel rings (2) on both the bottom sides of said main bar (1), the said inverted U-plate (3) having a couple of holes (4) on its top side suitable for fixing with Nut (5) and bolt (7) having a cleat (6) tightened in between with the U-plates (3); the each end of main base bar (1) having wrapped with a semi-circular steel wire net (8) keeping the U-plate (3) inside it in a manner so that the topside remaining open, both the ends of the said main bar (1) along with its arrangements (2,3) and wire net (8) being solidified with concrete mixture (9) in a 3D trapezoidal form; being capable of holding steel rail (10) of suitable size over the top surface of concrete block (9) with the help of nut (5), bolt (7) and cleat (6) on both the sides of the main bar(1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.780/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : LASER ASSISTED EPITHELIAL REMOVAL

(51) International classification :A61F9/008

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2011/005659

Filing Date :10/11/2011

(87) International Publication No :WO 2013/068025

(61) Patent of Addition 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)KLENKE Joerg

(57) Abstract :

In certain embodiments a device configured to perform epithelial removal comprises a laser device and a control computer. The laser device can separate the epithelium from the Bowman s layer of an eye using pulsed laser radiation having ultrashort pulses. The laser device includes controllable components that control a focus of the pulsed laser radiation. The control computer controls the controllable components to focus the pulsed laser radiation at one or more epithelial cell layers of the epithelium to photodisrupt at least a portion of the epithelial cell layers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.838/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CARRIER PLATFORM

(51) International classification :H02B5/00,H02B1/54,H01G4/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/069133
Filing Date :31/10/2011
(87) International Publication No :WO 2013/064167
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The invention relates to a device (15) for carrying high voltage equipment (3 4 5 6) in an electrically insulated manner said device comprising electrically non conductive support insulators (7) that are configured for mounting a carrier platform (2) which receives said high voltage equipment (3 4 5 6) on a foundation (9) in an electrically insulated manner each support insulator (7) extending towards the foundation (9) from a bearing (13) connected to the carrier platform (2). In order to provide such a device which is cost effective and easy to produce it is suggested that two support insulators (7) extend at an incline from each bearing (13) these two support insulators (7) forming an acute angle with respect to their shared bearing (13).

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : POLYAMIDE FIBER AND AIRBAG FABRIC

(51) International classification :D01F6/60,B60R21/23,D03D1/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/078348
Filing Date :07/12/2011
(87) International Publication No :WO 2013/084326
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)ISE Fumiaki
2)MIZUNO Shingo

(57) Abstract :

The purpose of the present invention is to provide a polyamide fiber from which a fabric appropriate for use in airbags is obtainable and which exhibits weave loosening prevention properties after weaving thereof and excellent mechanical properties. This polyamide fiber is characterized by having: a total fiber density of 100 700 dtex; a tensile strength of 8.0 11.5 cN/dtex; a boiling water shrinkage of 4.0 11.0%; a slack recovery rate (A) represented by formula (1) after a fixed length heat treatment of 0 4.0%; and a tightening index (F) represented by formula (2) of 3.8 or higher. $A = [(Ta - Tb)/Ta] \times 100$ (1) (In formula (1) Ta represents the amount of slack immediately after the heat treatment and Tb represents the amount of slack at the time of stabilization after the heat treatment.) $F = A + 0.35 \times B$ (2) (In formula (2) A represents the slack recovery rate after the fixed length heat treatment and B represents the boiling water shrinkage rate.)

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR RECEIVING A MULTIMEDIA BROADCAST MULTICAST SERVICE IN A MOBILE COMMUNICATION SYSTEM

(51) International classification :H04B7/26,H04W36/06
(31) Priority Document No :61/545363
(32) Priority Date :10/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/008208
Filing Date :10/10/2012
(87) International Publication No :WO 2013/055099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIM Soeng Hun
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(57) Abstract :

The present invention relates to a method and device for receiving a multimedia broadcast multicast service (MBMS) in a mobile communication system. The method for receiving the MBMS of a terminal in the mobile communication system according to an embodiment of the present invention is characterized in that it includes: determining whether service area ID (SAI) information on a serving cell is broadcast during the MBMS; receiving the SAI information on the serving cell when it is determined that the SAI information is broadcast; determining by using the received SAI information of the serving cell whether an SAI of the MBMS matches the SAI of the serving cell; and changing the cell reselection priority of the frequency of the serving cell to the highest priority if it is determined that the SAI of the MBMS matches the SAI of the serving cell. According to the present invention it is possible to efficiently receive MBMS services by enabling a terminal to select a proper frequency or cell when an MBMS service of interest starts.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.845/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : RECONNECTION IN A TRANSMISSION TREE

(51) International classification :H04L12/18,H04L12/761,H04L12/703
(31) Priority Document No :61/547905
(32) Priority Date :17/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/070600
Filing Date :17/10/2012
(87) International Publication No :WO 2013/057158
(61) Patent of Addition 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)CSÁSZÁR András

(57) Abstract :

The invention refers to operating a first node of a communication network comprising a plurality of nodes which are interconnected by communication links and wherein data traffic is provided over the communication links to provide a data stream to the nodes wherein the first node (15) performs the steps of: detecting a data traffic interruption with respect to a second node (16) determining if the data traffic is still received and forwarding the data traffic to the second node (16) if the first node (15) receives the data traffic and otherwise notifying a third node (17) of the plurality of network nodes about the data traffic interruption. The invention further refers to a corresponding node a network and a computer program to be run in the node

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.846/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CARBAZOLE DERIVATIVES FOR ORGANIC ELECTROLUMINESCENCE DEVICES

(51) International classification :C07D209/86,H01L51/50,C07D209/88
(31) Priority Document No :11007693.2
(32) Priority Date :21/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/003563
Filing Date :23/08/2012
(87) International Publication No :WO 2013/041176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARHAM Amir Hossain
3)PFLUMM Christof
4)STOESSEL Philipp
5)KROESSER Jonas Valentin
6)ANEMIAN Rémi Manouk
7)EBERLE Thomas

(57) Abstract :

121111The present invention describes carbazole derivatives of formula (1) in which the symbols used stand for the following: in each occurrence Y is the same or different and represents CR or N; X is selected from C(R) O S PR P(=O)R or BR; characterized in that at least one group R is present which is the same or different and stands in each occurrence for a group of the following formula (2) and/or that at least one group R is present that stands for a group of the following formula (3) or (4) particularly for use as triplet matrix materials in organic electroluminescent devices. The invention further relates to a method for producing the compounds according to the invention and to electronic devices containing them.

No. of Pages : 62 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.847/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUBSTITUTED PYRAZOLYL BASED CARBOXAMIDE AND UREA DERIVATIVES BEARING A PHENYL MOIETY SUBSTITUTED WITH AN N CONTAINING GROUP AS VANILLOID RECEPTOR LIGANDS

(51) International classification :C07D231/12,A61K31/415,A61P29/00
(31) Priority Document No :11008913.3
(32) Priority Date :09/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/072141
Filing Date :08/11/2012
(87) International Publication No :WO 2013/068462
(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)STOCKHAUSEN Hannelore
8)KIM Yong Soo
9)KIM Myeong Seop
10)LEE Jeewoo

(57) Abstract :

The invention relates to substituted pyrazolyl based carboxamide and urea derivatives of formula (R) bearing a phenyl moiety substituted with an N containing group as vanilloid receptor ligands to pharmaceutical compositions containing these compounds and also to these compounds for use in the treatment and/or prophylaxis of pain and further diseases and/or disorders.

No. of Pages : 115 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.743/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INSTALLATION AND METHOD FOR CONTINUOUSLY SHAPING LONGITUDINALLY SLOTTED PIPES

(51) International classification :B21C37/083,B21D5/12
(31) Priority Document No :10 2011 114 847.0
(32) Priority Date :05/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000970
Filing Date :05/10/2012
(87) International Publication No :WO 2013/050021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Mönchengladbach Germany
(72)Name of Inventor :
1)ROSSBACH Axel

(57) Abstract :

The invention relates to a method and an installation for continuously shaping longitudinally slotted pipes (10) from a flat material in which markings in the material can be minimised or avoided if the rolling forces of at least two rolls (40) acting successively on the flat material are evenly introduced into the roll stand and/or the two successively acting rolls (40) can be freely adjusted relative to one another.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.744/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEHUMIDIFICATION SYSTEM

(51) International classification :F24F3/14
(31) Priority Document No :2011214432
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006243
Filing Date :28/09/2012
(87) International Publication No :WO 2013/046715
(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)KUWANA Koichi

6)KUSABE Takahiro

7)IWATA Tetsuro

8)UCHIDA Hideki

(57) Abstract :

A dehumidification system configured from a first dehumidification unit (60) having an outside-air-cooled heat exchanger (61), a second dehumidification unit (20) that uses two adsorption heat exchangers (22, 24) by switching air channels, and a third dehumidification unit (30) having an adsorption rotor (31), wherein it is possible to reduce regeneration energy for the third dehumidification unit (30), and to conserve energy and reduce costs in the dehumidification system, by supplying the third dehumidification unit (30) with low-temperature and low-humidity air that was cooled and dehumidified by the second dehumidification unit (20).

No. of Pages : 63 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.868/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : AIR CONDITIONING INDOOR UNIT

(51) International classification :F24F11/02,F24F13/14,F24F13/15

(31) Priority Document No :2011217494

(32) Priority Date :30/09/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/072585

Filing Date :05/09/2012

(87) International Publication No :WO 2013/047126

(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)KAMADA Masashi

4)TERAOKA Hironobu

5)OKUDA Noriyuki

(57) Abstract :

Provided is an air conditioning indoor unit with which discharged air can be guided in a prescribed direction without bringing the discharge port into a somewhat closed state. With this air conditioning indoor unit (10) a control unit (40) executes a mode wherein the Coanda effect is utilized thereby enabling discharged air the air direction of which has been adjusted with a first air direction adjustment plate (31) to form a Coanda airflow which due to the Coanda effect flows along the lower surface of a second air direction adjustment plate (32) that is separated from the front surface part of the indoor unit. Consequently in contrast to a conventional structure that generates airflow along a front surface panel (11b) the discharged air is guided in the prescribed direction while a low ventilation resistance is maintained with the discharge port (15) in a somewhat open state.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR OPERATING A GAS AND STEAM TURBINE SYSTEM FOR FREQUENCY ASSISTANCE

(51) International classification	:F01K3/00	(71)Name of Applicant :
(31) Priority Document No	:11188956.4	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:14/11/2011	Address of Applicant :Wittelsbacherplatz 2 80333 München
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/071478	(72)Name of Inventor :
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(87) International Publication No	:WO 2013/072183	2)SCHMID Erich
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for operating a gas and steam turbine system (1) having a gas turbine (2) a steam turbine (3) and a waste heat steam generator (8) in which steam for the steam turbine (3) can be generated in the exchange of heat with exhaust gas from the gas turbine (2) wherein in order to assist the frequency in the power system starting from a steady state operating mode the absorption capacity of the steam turbine (3) can be increased and the pressure in the waste heat steam generator (8) can be lowered in order to utilize storage reserves in the waste heat steam generator (8) for increased generation of steam and wherein thermal energy is fed to the waste heat steam generator (8) so quickly that a power profile of the gas and steam turbine system (1) is greater than or equal to a directly preceding power level of the steady state operating mode owing to the enlargement of the absorption capacity of the steam turbine (3) and the reduction in pressure in the waste heat steam generator (8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : 'AN APPARATUS AND METHOD FOR SEPARATION OF GENERATOR OR MOTOR STATOR CORE LAMINATION'

(51) International classification	:H02K 1/00	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
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(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA. West Bengal
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AVINASH PATIL
Filing Date	:NA	2)DEEPAK SACHAN
(62) Divisional to Application Number	:NA	3)SUBRATA BISWAS
Filing Date	:NA	

(57) Abstract :

The invention relates to an apparatus for separating a top lamination from the other laminations in a stack of laminations to enable lifting only the single top lamination to form annular layers of superimposed laminations for use in generator or motor stator core, comprising a stacking table, two vertically moved tapered positioning pins, two magnets mounted on the sides of each positioning pin, and means to cause vertical movement of the positioning pins.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.748/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR MANUFACTURING TERT BUTYL ALCOHOL FROM ISOBUTANOL METHOD FOR MANUFACTURING METHACROLEIN AND METHACRYLIC ACID FROM ISOBUTANOL AND MANUFACTURING DEVICE FOR SAID METHODS

(51) International classification :C07C27/12,C07C45/35,C07C47/22
(31) Priority Document No :2011243518
(32) Priority Date :07/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078714
Filing Date :06/11/2012
(87) International Publication No :WO 2013/069630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Tokyo 1008253 Japan
(72)Name of Inventor :
1)OOYACHI Ken
2)YASUKAWA Toshiya
3)AKIHARA Shuji

(57) Abstract :

Disclosed are: a tert Butyl alcohol manufacturing method that in order to efficiently manufacture a methacrylic resin feedstock from isobutanol has a step (1) in which isobutanol is dehydrated to produce butenes and a step (2) in which said butenes are hydrated to produce tert Butyl alcohol; a method for manufacturing methacrolein and methacrylic acid that has a further step (3) in which the aforementioned tert Butyl alcohol is dehydrated and oxidized to produce methacrolein and methacrylic acid; and a device for performing steps (1) through (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.809/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR TRANSMITTING STREAM MEDIA

(51) International classification :H04L29/08,H04N7/173,G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/080449
Filing Date :30/09/2011
(87) International Publication No :WO 2012/162995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Bantian Longgang Shenzhen Guangdong 518129 China
(72)Name of Inventor :
1)ZHANG Shaobo
2)WANG Xin

(57) Abstract :

A method and device for transmitting stream media is provided in the present invention. The method comprises: generating at least one index segment which includes index information of at least one media segment the at least one index segment is independent of the at least one media segment; generating a storage location information corresponding to the at least one index segment according to the generation rules of the storage location information corresponding to the at least one index segment; storing the at least one index segment at the storage location corresponding to the storage location information so that a client can obtain the at least one index segment from the storage location. The embodiments of the present invention provides the index information of the media segments by the index segments be independent of the media segments to enable the client to obtain the index segment according to the requirement thereby reduces the unnecessary data transmission and saves bandwidth.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.810/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPROVED WATER ROTORS

(51) International classification :F03B13/12,F01D1/22,F03B13/22
(31) Priority Document No :13/236955
(32) Priority Date :20/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/002327
Filing Date :19/09/2012
(87) International Publication No :WO 2013/041965
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)FERGUSON Frederick D.

(57) Abstract :

According to some embodiments a drum may be submerged in water and extend horizontally along a center axis between a first point on a first side of the drum and a second point on a second side of the drum opposite the first side. Three curved vanes may be attached to the drum such that the vanes when acted upon by a water flow perpendicular to the axis are operable to cause rotation about the axis wherein an edge portion of each vane located substantially opposite the drum defines a plane substantially parallel to a plane defined by a surface of the drum located between the edge portion and the axis. An electrical generator coupled to the drum may convert rotational energy produced by the rotation about the axis into electrical energy.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.870/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ENERGY ABSORBER AND FALL ARREST SYSTEM SAFETY DEVICE

(51) International classification	:A62B35/04,E04G21/32	(71)Name of Applicant :
(31) Priority Document No	:1118597.2	1)LATCHWAYS PLC
(32) Priority Date	:27/10/2011	Address of Applicant :Hopton Park Devizes Wiltshire SN10
(33) Name of priority country	:U.K.	2JP U.K.
(86) International Application No	:PCT/GB2012/052681	(72)Name of Inventor :
Filing Date	:29/10/2012	1)JONES Owain
(87) International Publication No	:WO 2013/061087	2)JONES Karl
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A safety device for use in a fall arrest or fall safety system includes an energy absorber to absorb energy in the event of a fall or other impulse event. The energy absorber is a resilient element (such as a tolerance ring) providing an interference fit between a first component of the device and a second component of the device. In the event of a fall arrestor other impulse event the first and second components effect movement relative to one another the interference fit being overcome and the resilient element/tolerance ring acting to resist the relative movement thereby absorbing energy.

No. of Pages : 35 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.388/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : 'AN IMPROVED ARRANGEMENT FOR PREVENTING CIRCULATING SHAFT CURRENT DAMAGES TO THE END SHIELD MOUNTED BEARINGS OF EXPLOSION PROOF ROTATING ELECTRICAL MACHINES'

(51) International classification	:H02K 5/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA. West Bengal
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GUDURU RAMAKRISHNA
Filing Date	:NA	2)MUKESH KUMAR MARAVI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved arrangement for preventing circulating shaft current caused damages to the end shield mounted bearings of explosion proof rotating electrical machines, the improvement is characterized in that the inner ring (11) including the outer ring (02), the rotor shaft (15) and the bearing housing (01) forming a flame path along the shaft; a spigot joint on the stator housing holding the end shield (16) on the outer diameter of the bearing housing; the joint gaps and length of the path through and across the joint surface between the end shield and the bearing housing, and between the end shield and the stator housing designed to a predetermined length; an insulation disc (12), an insulation washer (13) and an insulation tube (14) configured to isolate the radial surface of the joint and head and shank of the screw (7) holding the outer ring (02); and the jointing surface of the bearing is machined and applied with a plurality of insulation layers consisting of fired retardant material which is cured and machined to specified site and tolerances.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.811/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : FRICTION PIECE OPERATING IN A LUBRICATED MEDIUM

(51) International classification :C10M135/18,C23C30/00,F16N15/00
(31) Priority Document No :1159546
(32) Priority Date :21/10/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/052236
Filing Date :03/10/2012
(87) International Publication No :WO 2013/057407
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :rue Benoît Fourneyron F 42160
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(72)Name of Inventor :

1)MAURIN PERRIER Philippe

2)HEAU Christophe

(57) Abstract :

The lubricated medium comprises a friction modifier. A coating is applied to the part. According to the invention the coating is chromium nitride and the friction modifier is MoDTC. Chromium nitride is selected to have NaCl type crystallisation with a microhardness of 1800 +/- 200 HV.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.812/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYDRAULIC DRIVE SYSTEM FOR WORK VEHICLE

(51) International classification	:E02F9/22,F15B11/00	(71)Name of Applicant :
(31) Priority Document No	:2011230758	1)HITACHI CONSTRUCTION MACHINERY CO. LTD.
(32) Priority Date	:20/10/2011	Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Tokyo
(33) Name of priority country	:Japan	1128563 Japan
(86) International Application No	:PCT/JP2012/075510	(72)Name of Inventor :
Filing Date	:02/10/2012	1)KOBAYASHI Yoshinobu
(87) International Publication No	:WO 2013/058099	2)YAMASHITA Ryohei
(61) Patent of Addition to Application	:NA	3)KOBAYASHI Takeshi
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The aim of the present invention lies in providing a hydraulic drive system for a work vehicle in which hydraulic oil can be supplied to an accumulator when a work device is raised and in which when the work device is held in a raised state except during loaded travel lowering of the work device caused by leakage of hydraulic oil inside a bottom chamber of a hydraulic cylinder into a hydraulic oil tank through a gap in a control valve can be reliably prevented. When a work device (2) is raised discharge oil from a main pump (13) is conducted through an accumulator valve (61) to an accumulator (40). Further when the work device (2) is held in a raised state except during loaded travel leakage of hydraulic oil inside a bottom chamber (11a) of a lift arm cylinder (11) into a hydraulic oil tank (17) through a gap in a control valve (20) for the lift arm is prevented by means of a poppet (71) of a load retention valve (70).

No. of Pages : 56 No. of Claims : 2

(54) Title of the invention : COMBINED SERVICE BRAKE CYLINDER AND SPRING BRAKE CYLINDER HAVING A BAYONET COUPLING

(51) International classification	:B60T17/08	(71)Name of Applicant :
(31) Priority Document No	:10 2011 115 122.6	1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
(32) Priority Date	:07/10/2011	Address of Applicant :Moosacher Str. 80 80809 München
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/069371	(72)Name of Inventor :
Filing Date	:01/10/2012	1)DEROUAULT Sylvain
(87) International Publication No	:WO 2013/050329	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a combined service brake cylinder and spring brake cylinder (1) for brake systems of vehicles comprising a service brake membrane (25 27) which is arranged in the service brake cylinder (3) and can be actuated by a pressure medium and is operatively connected to a service brake piston rod (29) that protrudes from the service brake cylinder (3) and acts on brake actuation elements a spring brake piston (9) which is arranged in the spring brake cylinder (5) and can be actuated by an accumulator spring (11) and is bounded on one side by a pressure chamber (15) and on the opposite side by a spring chamber (17) that accommodates the accumulator spring (11) wherein the accumulator spring (11) is supported on the spring brake piston (9) at one end and on the bottom (13) of the spring brake cylinder (5) at the other end an intermediate wall (7) between the service brake cylinder (3) and the spring brake cylinder (5) through which intermediate wall a spring brake piston rod (19) connected to the spring brake piston (9) extends a bayonet coupling (33) between the spring brake cylinder (5) and the intermediate wall (7) which bayonet coupling has locking segments (37) protruding radially outward on an end side edge (35) of the wall (31) of the spring brake cylinder (5) and recess segments (39) formed radially inward and recess segments (45) corresponding thereto that are formed radially outward and formed on a ring chamber (43) connected to the intermediate wall (7) and locking segments (47) protruding radially inward into the ring chamber (43) a bottom side stop surface (49) in the ring chamber (43) as an axial stop for the end side edge (35) of the wall (31) of the spring brake cylinder (5) and a ring seal (55) arranged between the circumferential surface (51) of the edge (35) of the wall (31) of the spring brake cylinder (5) pointing radially inward and the circumferential surface (53) of the ring chamber (43) pointing radially outward. According to the invention a recess (61) is provided in the bottom (59) of the ring chamber (43) for accommodating at least one end section (65) of the ring seal (43) and end face contact surfaces (50) are provided on the locking segments (37) of the spring brake cylinder (5) for stopping on the bottom side stop surface (49) in the ring chamber (43) wherein at least the end section (65) of the ring seal (55) is clamped between the recess (61) in the bottom (59) of the ring chamber (43) and the edge (35) of the wall (31) of the spring brake cylinder (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : AIR FILTER CARTRIDGE FOR COMPRESSED AIR PREPARATION FOR A COMPRESSED AIR PROCESSING INSTALLATION

(51) International classification :B01D46/00,B01D53/26,B60T17/00
(31) Priority Document No :10 2011 116 520.0
(32) Priority Date :20/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/070459
Filing Date :16/10/2012
(87) International Publication No :WO 2013/057088
(61) Patent of Addition 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)SCHAEBEL Stefan

(57) Abstract :

The present invention relates to an air filter cartridge (10) for processing compressed air for a compressed air processing installation (12) in particular a compressed air processing installation (12) of a commercial vehicle (14) comprising a drying agent container (16) filled with a drying agent (18) and a coalescence filter (20) wherein a flow passes through the drying agent (18) in an axial extension direction (22) of the drying agent container (16) during the compressed air preparation. According to the invention the coalescence filter (20) is arranged in the axial extension direction (22) upstream of the drying agent (18) in an inflow surface (24) of the drying agent container (16).

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

(54) Title of the invention : METAL PHOSPHATES AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification :C01B25/37,C01B25/45,H01M4/58
 (31) Priority Document No :10 2011 056 812.3
 (32) Priority Date :21/12/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2012/076679
 Filing Date :21/12/2012
 (87) International Publication No :WO 2013/093017
 (61) Patent of Addition 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)GRAF Christian
3)JAZDANIAN Andreas
4)SCHWARZ Kilian
5)RAPPHAHN Michael

(57) Abstract :

34223422Process for preparing a monometallic or mixed metallic phosphate of the type (M1 M2 M3...Mx)(PO) · a HO where 0 = a = 9 where (M1 M2 M3... Mx) represents the one metal of the monometallic phosphate or the plurality of metals of the mixed metallic phosphate and is/are selected from among Mn Fe Co Ni Sc Ti V Cr Cu Zn Be Mg Ca Sr Ba Al Zr Hf Re Ru La Ce Pr Nd Sm Eu Gd Tb Dy Ho Er Tm Yb and Lu with the proviso that at least one of the metals in the phosphate is selected from among Mn Fe Co and Ni where the process is characterized in that a) an aqueous solution (I) which contains at least one or more of the metals Mn Fe Co and/or Ni as divalent cations by introducing oxidic metal(II) metal(III) and/or metal(IV) compounds or mixtures thereof or compounds having mixed oxidation states selected from among hydroxides oxides oxide hydroxides oxide hydrates carbonates and hydroxide carbonates of at least one of the metals Mn Fe Co and/or Ni together with the elemental forms or alloys of at least one of the metals Mn Fe Co and/or Ni into an aqueous medium containing phosphoric acid and reacting the oxidic metal compounds with the elemental forms or alloys of the metals (in a redox reaction) to form the divalent metal ions b) separating any solids present from the aqueous solution (I) containing phosphoric acid c) when the phosphate is a mixed metallic phosphate and the aqueous solution contains further metals selected from among (M1 M2 M3... Mx) in addition to the metals introduced into the solution in step a) at least one compound of at least one of the metals (M1 M2 M3... Mx) is also added in the form of an aqueous solution or as solid in the form of a salt to the aqueous solution (I) where the at least one compound is preferably selected from among hydroxides oxides oxide hydroxides oxide hydrates carbonates hydroxide carbonates carboxylates sulphates chlorides and nitrates of the metals d) providing an initial charge solution (II) having a pH of from 5 to 8 produced from an aqueous phosphoric acid solution by neutralization with an aqueous alkali metal hydroxide solution or produced from an aqueous solution of one or more alkali metal phosphates e) adding the aqueous solution (I) to the initial charge solution (II) and at the same time adding a basic aqueous alkali metal hydroxide solution in such a way that the pH of the resulting reaction mixture is kept in the range from 5 to 8 preferably from 6 to 7 resulting in precipitation of the phosphate of the type (M1 M2 M3...Mx)(PO) · a HO and separating the precipitated phosphate from the reaction solution.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : ALLOYED HOT DIP GALVANIZED STEEL SHEET WITH EXCELLENT CORROSION RESISTANCE AFTER COATING

(51) International classification :C23C2/06,B32B15/01,C22C38/00

(31) Priority Document No :2011204415

(32) Priority Date :20/09/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/005959

Filing Date :20/09/2012

(87) International Publication No :WO 2013/042356

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)SUZUKI Yoshitsugu

(57) Abstract :

Provided are an alloyed hot dip galvanized steel sheet which includes a Si containing high strength steel sheet as the base and which after coated has excellent corrosion resistance and a process for producing the galvanized steel sheet. The base steel sheet contains in terms of mass% 0.05 0.30% C 1.0 3.0% Si 0.5 3.0% Mn 0.01 3.00% Al 0.001 0.010% S and 0.001 0.100% P with the remainder comprising Fe and incidental impurities and has on the surface thereof a zinc deposit layer which contains 7 15% Fe and 0.02 0.30% Al with the remainder comprising Zn and incidental impurities. The zinc deposit layer has a content of zinc metal exposed in the surface thereof of 20% or higher.

No. of Pages : 27 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.763/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR RESELECTING A CELL IN HETEROGENEOUS NETWORKS IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W36/30,H04W36/14,H04W48/08
(31) Priority Document No :61/543475
(32) Priority Date :05/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/008038
Filing Date :04/10/2012
(87) International Publication No :WO 2013/051858
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)JANG Jae Hyuk
2)VAN LIESHOUT Gert Jan
3)JEONG Kyeong In

(57) Abstract :

The present invention relates to a method for reselecting a cell in networks in which various radio access technologies coexist. The method of reselecting a cell by a terminal in a wireless communication system in which heterogeneous networks coexist includes the steps of: receiving from a base station a system information block including parameters relating to cell reselection; confirming whether or not cell reselection parameters based on a cell selection quality value are set in the received system information block; and when the cell reselection parameters based on the cell selection quality value are not set performing cell reselection on the basis of a value of the cell selection reception level. According to the present invention unnecessary cell reselection by the terminal can be prevented.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.825/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CATALYST COMPOSITION FOR SELECTIVE HYDROGENATION WITH IMPROVED CHARACTERISTICS

(51) International classification :B01J31/02,B01J23/44,B01J37/02
(31) Priority Document No :11185710.8
(32) Priority Date :19/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/070747
Filing Date :19/10/2012
(87) International Publication No :WO 2013/057244
(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)HOU Hongyi C.
6)BOYER Jennifer
7)SUN Mingyong
8)URBANCIC Michael
9)LUGMAIR Claus
10)LOWE David Michael

(57) Abstract :

2This invention relates to heterogeneous catalysts useful for selective hydrogenation of unsaturated hydrocarbons comprising palladium and optionally a promoter supported on a substrate having an uncoated BET surface area of < 9 m/g the surface being coated with an ionic liquid. Also described are methods of making the catalysts and methods of selective hydrogenation of acetylene in front end mixed olefin feed streams.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.826/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR IMPROVING THE QUALITY OF THE SURFACES OF CRANKSHAFTS

(51) International classification :B23K26/00,B23P25/00,C21D5/00

(31) Priority Document No :10 2011 113 801.7

(32) Priority Date :16/09/2011

(33) Name of priority country :Germany

(86) International Application
No :PCT/DE2012/000915

Filing Date :14/09/2012

(87) International Publication
No :WO 2013/037353

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MALDANER Jandrey

2)HEIMANN Alfred

(57) Abstract :

The invention relates to a method for machining surfaces of the bearing seats of main and pin bearings on crankshafts made of cast steel following the machining of surfaces with an undefined cutting edge by grinding or finishing. The problem of improving the quality of the running surfaces of the bearings of hardened or unhardened crankshafts is solved. This is achieved by irradiating the surfaces with a laser beam.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH STRENGTH HOT ROLLED STEEL SHEET AND PROCESS FOR PRODUCING SAME

(51) International classification:C22C38/00,C21D9/46,C22C38/14

(31) Priority Document No :2011242299

(32) Priority Date :04/11/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/007021

Filing Date :01/11/2012

(87) International Publication No :WO 2013/065313

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FUNAKAWA Yoshimasa

2)ARIGA Tamako

3)YAMAMOTO Tetsuo

4)UCHOMAE Hiroshi

5)OWADA Hiroshi

(57) Abstract :

A high strength hot rolled steel sheet that has a composition which contains in terms of mass% 0.035 0.07% excluding 0.035% C up to 0.3% Si 0.35 0.7% excluding 0.35% Mn up to 0.03% P up to 0.03% S up to 0.1% Al up to 0.01% N and 0.135 0.235% Ti so that the contents of C S N and Ti satisfy the relationship $((Ti (48/14)N (48/32)S)/48)/(C/12)<1.0$ (C S N and Ti are the contents of the respective elements (mass%)) with the remainder comprising Fe and incidental impurities and that has a structure comprising both a matrix which comprises a ferrite phase in an areal proportion higher than 95% and titanium carbide which has an average grain diameter less than 10 nm and has finely precipitated in the crystal grains of the ferrite phase. This steel sheet hence has a tensile strength of 780 MPa or higher.

No. of Pages : 57 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MOBILE TREATMENT DIAGNOSTIC AND MINOR SURGERY FACILITY

(51) International classification :A61G3/00
(31) Priority Document No :61/561963
(32) Priority Date :21/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065988
Filing Date :20/11/2012
(87) International Publication No :WO 2013/078162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MED1 PARTNERS LLC
Address of Applicant :4520 East west Highway Suite 640
Bethesda MD 20814 U.S.A.
(72)Name of Inventor :
1)BLACKWELL Thomas H.
2)MASUD Timothy J.
3)FISCHER Jeffrey D.

(57) Abstract :

The invention is directed to a mobile medical facility capable of treating diagnosing and performing minor surgery on multiple patients at one time. In general the facility includes a health care area which is interchangeable between a first transportable configuration and a second operational configuration. In the operational configuration the health care area is expanded and capable of providing general care or diagnostic facilities to multiple patients as well as registration counseling and triage to at least one patient. Preferable a row of patient treatment bays are provided with intake counseling and triage cubicles and storage areas.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.774/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : RADIO RESOURCE MANAGEMENT CONCEPT FOR TRANSFERRING MEDIA CONTENT FROM A SERVER TO A CLIENT

(51) International classification	:H04W28/16,H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:61/550126	1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(32) Priority Date	:21/10/2011	Address of Applicant :Hansastraße 27c 80686 München
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2012/070890	2)TECHNISCHE UNIVERSITÄT BERLIN
Filing Date	:22/10/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/057315	1)SCHIERL Thomas
(61) Patent of Addition to Application Number	:NA	2)WIRTH Thomas
Filing Date	:NA	3)HAUSTEIN Thomas
(62) Divisional to Application Number	:NA	4)SANCHEZ Yago
Filing Date	:NA	

(57) Abstract :

Assignment of resources of a base station for streaming media content from a server to a client wherein media presentation descriptions are available for different bandwidth requirements for the media content. Resources are assigned based on a media presentation description in particular for dynamic adaptive streaming over HTTP (DASH). Also buffer content is taken into account as well as unicast or multicast transmission.

No. of Pages : 106 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR BEAM ALLOCATION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B7/02
(31) Priority Document No	:1020110093267
(32) Priority Date	:16/09/2011
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2012/007382
Filing Date	:14/09/2012
(87) International Publication No	:WO 2013/039352
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO. LTD.

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(72)Name of Inventor :

1)YU Hyun Kyu

2)KIM Tae Young

3)PARK Jeong Ho

4)SEOL Ji Yun

5)JEONG Su Ryong

(57) Abstract :

A beam allocation method of a Base Station (BS) in a wireless communication system is provided. The method includes transmitting a reference signal to a Mobile Station (MS) using a plurality of downlink transmit (Tx) beams receiving information of a plurality of candidate downlink Tx beams determined by the MS in response to the received reference signal selecting at least one downlink Tx beam from the plurality of candidate downlink Tx beams according to a predefined rule generating control information for burst transmission comprising the selected at least one downlink Tx beam information transmitting the control information to the MS using the selected at least one downlink Tx beam and transmitting a data burst based on Tx beam information included in the control information.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.831/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR OPERATING MULTIPLE BEAMFORMING TRANSCEIVER IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/04,H04W72/04,H04B7/26
(31) Priority Document No :1020110093845
(32) Priority Date :19/09/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/007461
Filing Date :18/09/2012
(87) International Publication No :WO 2013/042922
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO. LTD.
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(72)Name of Inventor :
1)PARK Jeong Ho
2)JEONG Su Ryong
3)SEOL Ji Yun
4)YU Hyun Kyu

(57) Abstract :

A method for operating a base station in a wireless communication system in order to support a plurality of propagation characteristics is provided. The method includes allocating resource periods for respective propagation characteristics transmitting system information including information on the propagation characteristics transmitting a reference signal with the propagation characteristic corresponding to the relevant resource period through at least one of the resource periods and receiving feedback information determining channel qualities for all of the propagation characteristics.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A PROCESS FOR PRODUCING IRON ORE SINTER WITH IMPROVED REDUCTION DEGRADATION INDEX (RDI)

(51) International classification	:C22B 1/00	(71)Name of Applicant : 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAMSHEDPUR-831001, INDIA
(32) Priority Date	:NA	Jharkhand
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SRI HARSHA NISTALA
Filing Date	:NA	2)MANOJ KUMAR CHOUDHARY
(87) International Publication No	: NA	3)MRIGANSHU GUHA
(61) Patent of Addition to Application Number	:NA	4)MONI SINHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A low reduction degradation index is desired in Iron ore sinter. Indian iron ore fines contain a high percentage of alumina and this has a deleterious effect of sinter quality, particularly RDI. This invention proposes a method for improving the RDI of sinter by increasing the CaO content and the suction pressure employed during sintering. This combination of sinter CaO and suction pressure helps in controlling RDI by increasing the amount of unassimilated hematite and decreasing the amount of secondary hematite present in sinter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.769/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : BENZONITRILE DERIVATIVES AS KINASE INHIBITORS

(51) International classification :C07D401/12,C07D401/14,C07D405/14
(31) Priority Document No :10 2011 112 978.6
(32) Priority Date :09/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/003449
Filing Date :13/08/2012
(87) International Publication No :WO 2013/034238
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MERCK PATENT GMBH
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Darmstadt Germany
(72)Name of Inventor :
1)HOELZEMANN Guenter
2)DORSCH Dieter
3)EGGENWEILER Hans Michael

(57) Abstract :

12inter aliaThe invention relates to compounds of the formula (I) wherein R R X and Y have the meaning specified in claim 1 are inhibitors of TBK1 and e and can be used for the treatment of cancer and inflammatory diseases.

No. of Pages : 140 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.829/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ELECTRICAL SWITCHING APPARATUS AND TRIP LATCH ASSEMBLY THEREFOR

(51) International classification :H01H71/50

(31) Priority Document No :13/333193

(32) Priority Date :21/12/2011

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

(86) International Application No :PCT/US2012/068076

Filing Date :06/12/2012

(87) International Publication No :WO 2013/095937

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)EATON CORPORATION

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Cleveland Ohio 44114 U.S.A.

(72)Name of Inventor :

1)GOTTSCHALK Andrew Lawrence

2)RAKUS Paul R.

(57) Abstract :

A trip latch assembly (100) is provided for an electrical switching apparatus (2) such as a circuit breaker. The circuit breaker operating mechanism (8) includes a pole shaft (10). The trip latch assembly (100) includes a trip latch (102) pivotably coupled to the circuit breaker housing and being movable between a latched position and an unlatched position. A trip latch reset spring (104) is structured to bias the trip latch (102) toward the latched position. A spring housing (106) at least partially overlays the trip latch reset spring (104). A trip latch spring link (108) includes a first end (110) movably coupled to the pole shaft (10) and a second end (112) cooperating with the spring housing (106). When the circuit breaker needs to be reset the trip latch spring link (108) engages the spring housing (106) in order apply torque to the trip latch reset spring (104). When the circuit breaker (2) is closed the bias of the trip latch reset spring (104) on the trip latch (102) is removed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PLANT DISEASE CONTROL COMPOSITION AND ITS USE

(51) International classification :A01N43/56,A01N43/78,A01P3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/005393
Filing Date :26/09/2011
(87) International Publication No :WO 2013/046247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO CHEMICAL COMPANY LIMITED
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1048260 Japan
(72)Name of Inventor :
1)MATSUZAKI Yuichi

(57) Abstract :

12 A composition comprising a carboxamide compound represented by following formula (I) wherein R represents a hydrogen atom or a methyl group and R represents a methyl group a difluoromethyl group or a trifluoromethyl group and ethaboxam is provided by the present invention. This composition has excellent effect for controlling plant disease.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS AUTOMATION METHOD AND SYSTEM

(51) International classification :H04L29/06

(31) Priority Document No :11010237.3

(32) Priority Date :27/12/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/005295

Filing Date :20/12/2012

(87) International Publication No :WO 2013/097935

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SCHULZ Dirk

2)RUPPERT Markus

(57) Abstract :

The invention relates to a Process automation system having at least one wireless aware component for detection of the occurrence i.e. start and end of a wireless volume data transfer from at least one other component which might be a wireless unaware component whereas upon such detection the at least one wireless aware component requests for bandwidth on behalf of that wireless unaware component to decrease the communication time and subsequently releases this bandwidth again. Furthermore the invention relates to a method for operation of the process automation system whereas an upload/download is generally detected by either explicit initiation of the up/download in the wireless aware component or by automatic detection in the wireless aware component.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3928/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD&NBSP; APPARATUS&NBSP; AND SYSTEM FOR SETTING UP RADIO BEARER

(51) International classification :H04W 76/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2009/070838
Filing Date :17/03/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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China China
(72)**Name of Inventor :**
1)MA Hui;
2)YU Yinghui;

(57) Abstract :

A method and device for setting up a radio bearer are disclosed in the embodiments of the present invention, which relate to the field of the radio communication technology, and are invented for the realization of the setup of the radio bearer of the point-to-point of the UE-to-eNB in a relay network system. The method includes the steps of: receiving the first radio bearer setup message transmitted by a base station; performing the radio bearer setup preprocessing according to the first radio bearer setup message; generating the second radio bearer setup message according to the result of the radio bearer setup preprocessing; transmitting the second radio bearer setup message to the corresponding user device, and informing the user device to set up the radio bearer in an access link. The embodiments of the present invention are mainly applied in the relay network system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.767/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVED METHOD FOR THE TREATMENT OF WATER WITH CHLORINE DIOXIDE

(51) International classification	:C01B11/02,C02F1/76	(71)Name of Applicant :
(31) Priority Document No	:11185154.9	1)INFRACOR GMBH
(32) Priority Date	:14/10/2011	Address of Applicant :Paul Baumann Straße 1 45772 Marl
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/070115	(72)Name of Inventor :
Filing Date	:11/10/2012	1)GRUND Gerda
(87) International Publication No	:WO 2013/053789	2)RAHTZ Hartmut
(61) Patent of Addition to Application	:NA	3)KORTE Hermann Josef
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

222The invention relates to a process for the production of chlorine dioxide (ClO₂) from hydrochloric acid (HCl) and sodium chlorite (NaClO₂) in the presence of water (H₂O). The invention addresses the problem of improving the method in such a way that it can be installed and implemented in a more cost effective way. The problem is solved in that the hydrochloric acid is used in an aqueous solution with a concentration of 27 to 33 wt% the sodium chlorite is used in an aqueous solution with a concentration of 22 to 27 wt% and the molar ratio of hydrochloric acid used to sodium chlorite used is between 2.14 and 4.2.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.768/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MACHINE TOOL

(51) International classification	:B23Q1/01
(31) Priority Document No	:20 2011 108 058.0
(32) Priority Date	:18/11/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/000486
Filing Date	:03/02/2012
(87) International Publication No	:WO 2013/071984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TÜLLMANN Udo
2)KÜMMEL Stephan

(57) Abstract :

The invention relates to a machine tool comprising a machine frame (1) which has a stand (2) and a machine sub structure (3) a workpiece carrier arrangement (15) which can be moved by a motor on linear guides and a machining unit (11) which is arranged on the stand (2) can be moved by a motor along at least one coordinate axis and comprises an exchangeable cutting tool. According to the invention the linear guides (19 20 29 42 43; 74 75) and the linear drives of the workpiece carrier arrangement (15 47) are covered by longitudinally continuous stationary covering elements (22 33; 52 53; 23 80) and are thus protected against chipping deposits.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.834/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PROCESS FOR PREPARING 1 2 BENZISOTHIAZOLIN 3 ONE

(51) International classification :C07D275/04

(31) Priority Document No :13/281600

(32) Priority Date :26/10/2011

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

(86) International Application No :PCT/EP2012/071130

Filing Date :25/10/2012

(87) International Publication No :WO 2013/060766

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BERG Carsten

2)HOULLEMARE Didier

3)SINGH Sangita

(57) Abstract :

Sodium sulfide hydrate is at least partially dehydrated by heating with N methyl 2 pyrrolidone. 2 Chlorobenzamide is added to the mixture which is heated further. The mixture is cooled and treated with aqueous hydrogen peroxide to give the sodium salt of 1 2 benzisothiazolin 3 one in good yield. Acidification if desired gives rise to the free 1 2 benzisothiazolin 3 one.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.835/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : BIOCIDES

(51) International classification :A01N43/80,A01N25/02
(31) Priority Document No :13/282508
(32) Priority Date :27/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/051787
Filing Date :02/02/2012
(87) International Publication No :WO 2013/060485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BERG Carsten

(57) Abstract :
Aqueous solutions of the tetramethylammonium salt of 1 2 benzothiazolone stable below 0°C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.772/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND UNIT FOR THE PROCESSING OF SUNFLOWER EXTRACTION MEAL

(51) International classification :C10L1/18,A23J1/14,A23K1/14
(31) Priority Document No :10 2011 116 564.2
(32) Priority Date :21/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/070589
Filing Date :17/10/2012
(87) International Publication No :WO 2013/057149
(61) Patent of Addition 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)TAUTPHOEUS FREIHERR VON Andreas
(72)Name of Inventor :
1)BAZAK Erhard
2)TAUTPHOEUS FREIHERR VON Andreas

(57) Abstract :

An optimal separation of sunflower seed meal into at least one fraction with high protein content and at least one fraction with high cellulose content is to be achieved with a method for the processing of sunflower extraction meal producing a fraction with a low protein content for use as fuel and a fraction having a higher protein content for use as animal feed wherein the extraction meal is fed to a plurality of dissolving and extraction stages. This is achieved by at least two protein removal steps preferably by means of corrugated rolls or hammer blows or impact mills with impactation of the starting material in a short cycle sequence the subsequent sifting by means of sieves as well as the collecting of the sifted material and the remaining coarse material.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.773/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : USE OF PRECIPITATED CARBONATE IN THE MANUFACTURE OF A FIBRE PRODUCT

(51) International classification :C09C1/02

(31) Priority Document No :20116326

(32) Priority Date :28/12/2011

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2012/051286

Filing Date :21/12/2012

(87) International Publication No :WO 2013/098480

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SAASTAMOINEN Sakari

2)GRÖNBLOM Teemu

3)GRÖNROOS Lars

(57) Abstract :

The present invention relates to a filler or a filler mixture containing carbonate as well as to a process for manufacturing the same by precipitating the filler directly into the pulp or as a separate process without the presence of fibres particularly from the wire water of the paper or board manufacture. The invention also relates to a fibre product containing this filler such as a paper or board product or a plastic rubber concrete or paint product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.840/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH TENSILE STRENGTH HOT ROLLED STEEL SHEET AND METHOD FOR PRODUCING SAME

(51) International classification:C22C38/00,C21D9/46,C22C18/04

(31) Priority Document No :2011244269

(32) Priority Date :08/11/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/007088
Filing Date :06/11/2012

(87) International Publication No :WO 2013/069251

(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)UCHIDA Yasunobu

(57) Abstract :

Provided is a hot rolled steel sheet having: a composition containing by mass% over 0.05% and no greater than 0.13% of C no greater than 0.3% of Si 0.5 2.0% inclusive of Mn no greater than 0.025% of P no greater than 0.005% of S no greater than 0.0060% of N no greater than 0.1% of Al 0.07 0.18% inclusive of Ti and over 0.13% and no greater than 0.30% of V such that Ti and V satisfy $0.25 < \text{Ti} + \text{V} \leq 0.45$ (Ti and V being the amount contained (mass%) of the respective elements) having at least 0.05% and less than 0.15% of solid solution V and the remainder comprising Fe and unavoidable impurities; a matrix having an area ratio of ferrite phase that is at least 95% of the overall structure; and a structure such that minute carbides containing Ti and V and having an average grain size of less than 10 nm are dispersed/precipitated the volume ratio of the minute carbides with respect to the overall structure is at least 0.0050 and the number fraction of carbides containing Ti and having a grain size of at least 30 nm as a share of the total number of carbides is less than 10%. Further provided is a method for producing the hot rolled steel sheet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.833/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HYBRID POWERTRAIN CONTROL

(51) International classification :B60W20/00

(31) Priority Document No :61/560803

(32) Priority Date :17/11/2011

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

(86) International Application No :PCT/US2012/065944

Filing Date :19/11/2012

(87) International Publication No :WO 2013/075139

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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95131 U.S.A.

(72)Name of Inventor :

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2)YUILLE Ronald D.

3)SHOST Mark A.

4)SERRANO Louis J.

(57) Abstract :

Methods and arrangements for controlling hybrid powertrains are described. In one aspect an engine is alternately operated at different effective displacements. One displacement delivers less than a requested powertrain output and the other delivers more. A motor/generator system is used to add and subtract torque to/from the powertrain to cause the net delivery of the requested powertrain output. In some embodiments energy added and subtracted from the powertrain is primarily drawn from and stored in a capacitor (e.g. a supercapacitor or an ultracapacitor) when alternating between effective displacements. In another aspect a hybrid powertrain arrangement includes an engine a motor/generator and an energy storage system that includes both a battery and a capacitor. The capacitor stores and delivers electrical energy to the motor/generator unit during operation of the engine in a variable displacement or skip fire mode.

No. of Pages : 37 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : INFUSION SOLUTION PUMP

(51) International classification :A61M5/142,A61M1/10
(31) Priority Document No :2011209735
(32) Priority Date :26/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073145
Filing Date :11/09/2012
(87) International Publication No :WO 2013/047185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UEDA Mitsutaka
2)AKAI Ryoichi
3)TAKAHASHI Hidenori

(57) Abstract :

The pump: is provided with a sloped surface (21a) on the main finger (21) the surface sloping at an angle with respect to the direction of forward and backward movement; is provided with a sloped surface (23a) on an accessory finger (23) the surface being capable of sliding relative to the sloped surface (21a) of the main finger (21); and is configured so that when the main finger (21) moves forward the accessory finger (23) moves backward in proportion to the change (increase) in the total width of the infusion solution tube (T) and when the main finger (21) moves backward the accessory finger (23) moves forward in proportion to the change (reduction) in the total width of the infusion solution tube (T). The configuration makes it possible to limit the occurrence of a gap between the tip of the accessory finger (23) and the outer circumferential surface of the infusion solution tube (T) during the forward or backward movement of the main finger (21) thereby making it possible to prevent the twisting of the infusion solution tube (T) and limit reductions in the precision of infusion solution flow.

No. of Pages : 79 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ANTI SLIDING LOCKING STRUCTURE AND SADDLE OF CABLE STAYED BRIDGE HAVING SAME

		(71)Name of Applicant : 1)LIUZHOU OVM MACHINERY CO. LTD. Address of Applicant :No.3 Longquan Road Liuzhou Guangxi 545005 China
		(72)Name of Inventor : 1)LI Wenxian 2)SONG Qiang 3)QIN Weiwei 4)QIU Min 5)ZHAO Jingzhao 6)XIE Zhengyuan 7)YAN Yunyou 8)PANG Weilin 9)HUA Jianping 10)GAO Ningtuo 11)LIANG Lixia 12)GUO Xu 13)LI Xiaopei 14)LI Huaping 15)ZHOU Yunqiu 16)GU Yin 17)LI Haifeng
(51) International classification	:E01D19/14	
(31) Priority Document No	:201210074357.5	
(32) Priority Date	:20/03/2012	
(33) Name of priority country	:China	
(86) International Application No	:PCT/CN2013/072925	
Filing Date	:20/03/2013	
(87) International Publication No	:WO 2013/139272	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An anti sliding locking structure and a saddle of cable stayed bridge having same. The anti sliding locking structure is employed to support a cable which composed of n ply of steel strands (1). The anti sliding locking structure comprises a protection barrel (2) with a connector mounted on its one end side at least one hollow cylinder (3) having an anti sliding effect an anti sliding block (6) disposed within the protection barrel and a fastener used for locking the anti sliding block. The at least one hollow cylinder (3) are used for passing through and fastened to at least one portion of n ply of steel strands respectively and with aligned ends. The anti sliding block (6) has an end closely contacted with one end surface of the hollow cylinder (3) and is provided with at least one through hole in which the steel strands are passed through. Because the saddle of cable stayed bridge is provided with the anti sliding locking structure the anti sliding force is steady and durable and the safety and life of the cable are greatly improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.848/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : C10RF32 ANTIBODIES AND USES THEREOF FOR TREATMENT OF CANCER

(51) International classification :C12P21/06
(31) Priority Document No :61/593344
(32) Priority Date :01/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050087
Filing Date :31/01/2013
(87) International Publication No :WO 2013/114367
(61) Patent of Addition 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)DASSA Liat

3)PERGAM Tania

4)LEVINE Zurit

5)LEVY Ofer

6)BRIANTE Raffaella

7)SINGH Shweta

8)WATSON Susan R.

9)ROTMAN Galit

(57) Abstract :

This invention relates to C10RF32 specific antibodies antibody fragments alternative scaffolds conjugates and compositions comprising same for treatment of cancer.

No. of Pages : 266 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION

(21) Application No.849/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUBSTITUTED PYRAZOLYL BASED CARBOXAMIDE AND UREA DERIVATIVES BEARING A PHENYL MOIETY SUBSTITUTED WITH AN O CONTAINING GROUP AS VANILLOID RECEPTOR LIGANDS

(51) International classification :C07D231/12,C07D407/12,A61K31/415
(31) Priority Document No :11008914.1
(32) Priority Date :09/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/072140
Filing Date :08/11/2012
(87) International Publication No :WO 2013/068461
(61) Patent of Addition 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)CHRISTOPH Thomas
3)SCHIENE Klaus
4)DE VRY Jean
5)DAMANN Nils
6)LESCH Bernhard
7)BAHRENBURG Gregor
8)SAUNDERS Derek John
9)STOCKHAUSEN Hannelore
10)KIM Yong Soo
11)KIM Myeong Seop
12)LEE Jeewoo

(57) Abstract :

The invention relates to substituted pyrazolyl based carboxamide and urea derivatives of formula (Q) as vanilloid receptor ligands to pharmaceutical compositions containing these compounds and also to these compounds for use in the treatment and/or prophylaxis of pain and further diseases and/or disorders.

No. of Pages : 176 No. of Claims : 15

(54) Title of the invention : V RAJ POWER HEAVY SOLAR TECHNOLOGY

(51) International classification	:F24J	(71)Name of Applicant :
(31) Priority Document No	2/00	1)V RAJ MOTOR MANUFACTURING COMPANY PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :CORPORATE IDENTITY NUMBER:
(33) Name of priority country	:NA	U29253BR2013PTC020678 HOUSE NO. -540, VILLAGE-
(86) International Application No	:NA	MAJROHI RAGHUNANDAN, POST SAHDEI BUZURG,
Filing Date	:NA	DIST-VAISHALI, (BIHAR) PIN - 844509 INDIA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VIRENDRA MAHTO
Filing Date	:NA	2)LAKSHAMINIYA DEVI
(62) Divisional to Application Number	:NA	3)RADHESHYAM KUMAR
Filing Date	:NA	4)AVISHKAR KUMAR MAHTO

(57) Abstract :

In the field of new source of energy there is a vital change and a new system has developed, calles Solar Energy. As for example Voltaic cell is a device which changes the light energy directly into electric energy. In it there is a copper plate on which a thin layer of cuprous oxide has coated. On this plate there is a thin sheet of silver. The thickness is made such that it be haves like a translucent material. When it comes in contact with cuprous oxide it is nega tively charged and copper plate is positively charged., In this way a potential differences is developed. Since electric current is directly propostional to intensity of light. If the intensity is O (zero) there is no current, therefore here a new technology is developed by use of convex lense that converges the sun light. On a small region of solar plate. So that a high temprature is created on this region and the electric current so obtained is twenty times more than before. The convex lense will be fitted on the upper part of the solar system by adjusting system. The sun light through the convex lense incident on the solar plate due to which a high solar voltage is due to which a high Solar Voltage is produced. In this way there is no effective change on rise in temprature due to change in intensity of the sun causes due to rotation of the earth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.788/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR OPTIMIZATION OF SUBSCRIPTIONS TO RESOURCE CHANGES IN MACHINE TO MACHINE (M2M) SYSTEMS

(51) International classification	:H04L29/08
(31) Priority Document No	:13/230748
(32) Priority Date	:12/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2012/054752
Filing Date	:12/09/2012
(87) International Publication No	:WO 2013/038353
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :SE 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)FOTI George

(57) Abstract :

Systems and methods provide for bundling subscriptions associated with a Machine to Machine (M2M) device or M2M application into a single hypertext transport protocol (HTTP) session. A method includes subscribing by a gateway (GW) to an M2M device on behalf of a plurality of subscribers using a single Hypertext Transport Protocol (HTTP) session.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.789/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TECHNIQUE FOR DELIVERING SCHEDULE INFORMATION FOR AN MBMS USER SERVICE

(51) International classification	:H04W52/02
(31) Priority Document No	:61/545626
(32) Priority Date	:11/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2012/004137
Filing Date	:02/10/2012
(87) International Publication No	:WO 2013/053448
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
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(72)**Name of Inventor :**
1)LOHMAR Thorsten
2)SLSSINGAR Michael John

(57) Abstract :

A technique for delivering schedule information for MBMS User Services is presented. A method implementation of this technique comprises the steps of providing schedule information that describes a schedule for an MBMS User Service in the form reoccurring events. Additionally or in the alternative the schedule may be described in the form of start/stop lists. A User Service Description (USD) and the schedule information which is linked to the USD (e.g. via an identifier such as a URI) are then delivered to a mobile client.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : APPARATUS AND METHOD FOR SYNCHRONIZING AND OBTAINING SYSTEM INFORMATION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W56/00,H04B7/04,H01L27/26
(31) Priority Document No :1020110091913
(32) Priority Date :09/09/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/007091
Filing Date :05/09/2012
(87) International Publication No :WO 2013/036021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)YU Hyun Kyu
2)KIM Tae Young
3)CHO Jae Weon

(57) Abstract :

A base station and terminal use methods of obtaining synchronization and system information in a wireless communication system. An operation of a base station includes generating a synchronization signal to be transmitted through a Synchronization Channel (SCH) generating a broadcast signal to be transmitted through a Broadcast Channel (BCH) and transmitting repetitively the SCH and the BCH by performing beamforming on the channels with different transmission beams.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/04/2014

(21) Application No.727/KOLNP/2014 A

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD OF RECOVERING RUBBER FROM SKIM NATURAL RUBBER LATEX

(51) International classification :C08C1/075,C08C1/08,C08C1/10
(31) Priority Document No :PI 2011004876
(32) Priority Date :11/10/2011
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2012/000259
Filing Date :03/10/2012
(87) International Publication No :WO 2013/055202
(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)AHMAD Jaril Asis
4)MAIZATUL Putri Ahmad Sabri
5)KHAIRUL Muis Mohamed Yusof
6)NIK Meriam Binti Nik Sulaiman
7)MOHAMED Kheireddine Ben Taieb Aroua

(57) Abstract :

The present invention relates to a method of recovering rubber from skim natural rubber latex. The method comprises pre treating the skim latex concentrating the skim latex using one membrane module or two membrane modules in series with addition of ammonium laureate optionally treating the concentrated skim latex with a tetramethylthiuramdisulphide (TMTD) and zinc oxide (ZnO) dispersion blending the concentrated latex with fresh field latex centrifuging the blend to obtain a latex concentrate. The latex concentrate if further blended with a fresh latex concentrate and treated with ammonia to obtain the final latex concentrate.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.790/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPRESSIBLE ELASTOMERIC SPRING

(51) International classification :B61G11/08,F16F3/08,B61G9/14	(71)Name of Applicant :
(31) Priority Document No :13/233270	1)WABTEC HOLDING CORP.
(32) Priority Date :15/09/2011	Address of Applicant :1001 Air Brake Avenue Wilmerding
(33) Name of priority country :U.S.A.	Pennsylvania 15148 U.S.A.
(86) International Application No :PCT/US2012/055010	(72)Name of Inventor :
Filing Date :13/09/2012	1)SPRAINIS Ronald J.
(87) International Publication No :WO 2013/040128	2)GREGAR Peter
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A compressible spring includes a substantially solid body defining a central axis and manufactured from an elastomeric material. A substantially solid abutment upstands axially on one end of the substantially solid body. There is also a lip that is disposed on a distal end of the axial abutment in a plane being substantially transverse to the central axis. An axial bore may be provided extending through the thicknesses of the body and abutment. Furthermore a plate shape member may be provided that is mechanically secured to the substantially solid body during the forming process wherein the abutment is passed through a central aperture in the rigid member and wherein the lip cages a thickness portion of the rigid member around the central aperture.

No. of Pages : 45 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HOSE CLAMP

(51) International classification :F16L33/08,F16L21/08,F16B2/08
(31) Priority Document No :61/538233
(32) Priority Date :23/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056672
Filing Date :21/09/2012
(87) International Publication No :WO 2013/044103
(61) Patent of Addition to Application Number :NA
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)IGNACZAK Brian T.

(57) Abstract :

A hose clamp includes a band and a worm drive mechanism. The band has a set of slots located between a first and second circumferential end of the band. The worm drive mechanism is connected to the band and causes radial contraction of the band to tighten the band. The worm drive mechanism includes a screw that engages the set of slots for radial contraction of the band. A clamping pressure restoring construction is provided in order to maintain a seal between the hose clamp and an underlying hose during use of the hose clamp and when the underlying hose experiences size expansion and contraction due to for example temperature fluctuations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.793/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SORBENT COMPRISING ON ITS SURFACE A CATIONIC OR PROTONIZABLE ALIPHATIC RESIDUE FOR THE PURIFICATION OF ORGANIC MOLECULES

(51) International classification :B01J20/32,B01J20/288,B01J20/286
(31) Priority Document No :11181412.5
(32) Priority Date :15/09/2011
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2012/068198
Filing Date :17/09/2012
(87) International Publication No :WO 2013/037994
(61) Patent of Addition 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)DEGEL Bjrn
3)SCHWARZ Thomas
4)STUMM Gerhard
5)WELTER Martin

(57) Abstract :

The present invention relates to a sorbent comprising a solid support material the surface of which comprises a residue of a general formula (I) wherein the residue is attached via a covalent single bond to a functional group on the surface of either the bulk solid support material itself or of a polymer film on the surface of the solid support material. Furthermore the present invention relates to the use of the sorbent according to the invention for the purification of organic molecules in particular pharmaceutically active compounds preferably in chromatographic applications. The present invention relates to a sorbent comprising a solid support material the surface of which comprises a residue of a general formula (I) wherein the residue is attached via a covalent single bond to a functional group on the surface of either the bulk solid support material itself or of a polymer film on the surface of the solid support material. Furthermore the present invention relates to the use of the sorbent according to the invention for the purification of organic molecules in particular pharmaceutically active compounds preferably in chromatographic applications.

No. of Pages : 86 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.856/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SOFT BUFFER PROCESSING

(51) International classification :H04J11/00,H04B7/26,H04L1/18	(71)Name of Applicant :
(31) Priority Document No :201110279383.7	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date :20/09/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country :China	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No :PCT/KR2012/007497	(72)Name of Inventor :
Filing Date :19/09/2012	1)LI Yingyang
(87) International Publication No:WO 2013/042936	2)SUN Chengjun
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A network side equipment a user equipment and a method for soft buffer processing are provided. The method includes allocating by a base station transmission resource for a User Equipment (UE) and processing a soft buffer according to at least one parameter of the soft buffer when uplink and downlink configurations of a plurality of cells of the UE Carrier Aggregation (CA) are different sending by the base station data to the UE by a Physical Downlink Control Channel (PDCCH) and a Physical Downlink Shared Channel (PDSCH) wherein the at least one parameter of soft buffer is determined by at least one of a Primary cell (Pcell) and a Secondary cell (Scell) uplink and downlink configurations of the UE and wherein rate matching is performed on the PDSCH.

No. of Pages : 61 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.735/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DISK BRAKE IN PARTICULAR FOR A UTILITY VEHICLE AND BRAKE LINING FOR A DISK BRAKE

(51) International classification	:F16D65/092,F16D55/226	(71) Name of Applicant :
(31) Priority Document No	:10 2011 115 214.1	1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
(32) Priority Date	:28/09/2011	Address of Applicant :Moosacher Str. 80 80809 München
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/069094	(72) Name of Inventor :
Filing Date	:27/09/2012	1)PAHLE Wolfgang
(87) International Publication No	:WO 2013/045556	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a disk brake in particular for a utility vehicle comprising a brake caliper (1) which reaches over a brake disk (3) and in which brake linings (4 5) are positioned that can be pressed against the brake disk (3) on both sides by means of at least one brake application device and that each have a lining carrier plate (6) and a friction lining (7) fastened thereto wherein the brake application device has at least one brake piston (8) that acts on the lining carrier plate (6) at the end face of the brake piston. Said disk brake is designed in such a way that at least one of the brake linings (4 5) is supported in an articulated preferably tiltable manner in the radial direction of the brake disk (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.799/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CUTTING MACHINE

(51) International classification :B26D1/54
(31) Priority Document No :10 2011 084 987.4
(32) Priority Date :21/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/070652
Filing Date :18/10/2012
(87) International Publication No :WO 2013/057190
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FECKEN KIRFEL GMBH & CO. KG
Address of Applicant :Prager Ring 1 15 52070 Aachen
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(72)**Name of Inventor :**
1)TILLMANN Michael
2)TÖNNES Helmut

(57) Abstract :

In a cutting machine (1) with a rotating band blade (3) wherein the band blade (3) is moved in opposite directions in a circulation section (5) of the band blade (3) that forms a cutting section (7) and with a first and a second deflection device (9 11) for redirecting and returning the band blade (3) provision is made that the first and the second redirection device (9 11) each deflect the band blade without a reverse bending cycle and return it again.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.862/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A TWO PART HYBRID WHEEL MADE OF A LIGHT ALLOY IN PARTICULAR ALUMINUM

(51) International classification	:B60B3/04,B21D53/26	(71)Name of Applicant :
(31) Priority Document No	:1159645	1)SAINT JEAN INDUSTRIES
(32) Priority Date	:25/10/2011	Address of Applicant :180 rue des Frères Lumière F 69220
(33) Name of priority country	:France	Saint Jean dArdières France
(86) International Application No	:PCT/FR2012/051625	(72)Name of Inventor :
Filing Date	:10/07/2012	1)DI SERIO Emile Thomas
(87) International Publication No	:WO 2013/060952	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method for manufacturing a light alloy hybrid wheel including a disk (2) and a rim (1) that are rigidly connectable by friction welding is characterized in that said method implements the following different operational phases: creating the front disk obtained by a dual operation of casting a foundry preform and transferring said preform into a forging die an operation of forging said preform in order to obtain the front disk and a flash removal operation for obtaining said front disk; creating the rim portion by means of the manufacture of a light alloy billet and the transformation of the latter into a circular flank through hot or cold extrusion (P1) then expanding (P2) said circular flank to the size of the final rim then performing an operation of cold or hot flow forming (P3) said circular flank to the profile of the rim in the final form and profile thereof; and assembling by welding the front disk portion and the rim by means of a friction welding operation after machining the areas to be assembled. The invention further relates to the light alloy hybrid wheel obtained according to the method.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.863/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DELAY COMPENSATION DURING SYNCHRONIZATION IN A BASE STATION IN A CELLULAR COMMUNICATION NETWORK

(51) International classification	:H04W56/00,H04W88/08	(71)Name of Applicant :
(31) Priority Document No	:13/281146	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:25/10/2011	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/055889	1)JOHANSSON Magnus
Filing Date	:25/10/2012	2)GRIFFIOEN Robert
(87) International Publication No	:WO 2013/061277	3)BUSSEY Paul
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to delay compensation during synchronization of uplink and downlink frames in a base station in a cellular communication network. In general the base station includes a radio equipment and a radio equipment controller that together form at least part of the base station. In one embodiment the radio equipment includes a first interface configured to receive data from the radio equipment controller and a second interface configured to send data to the radio equipment controller. During synchronization the radio equipment receives at the first interface of the radio equipment a synchronization message from the radio equipment controller. The radio equipment then passes the synchronization message from the first interface of the radio equipment to the second interface of the radio equipment with a synthetic delay that is in addition to an in equipment delay from the first interface to the second interface.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.384/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SOLAR POWERED FAN

(51) International classification	:F24J 2/00	(71)Name of Applicant : 1)SURENDAR SHARMA
(31) Priority Document No	:NA	Address of Applicant :SUNSHINE SOLAR, 38/2, A.J.C
(32) Priority Date	:NA	BOSE ROAD, KOLKATA-700017 West Bengal India
(33) Name of priority country	:NA	2)BIRENDAR SHARMA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURENDAR SHARMA
(87) International Publication No	: NA	2)BIRENDAR SHARMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a solar powered fan with motor and in particular, this invention relates to a fan structure with solar cell. More particularly, this present invention relates to the solar fan with motor is capable of providing power for a fan through solar energy, a user can enjoy cool wind and coolness is brought to the user in a hot summer.. Furthermore, this invention also relates to a solar fan which provides a more pleasant life, convenience, and stability by forming, in a fan structure, a flexible colour solar cell applied. This invention also relates to a solar fan which has the beneficial effects of having high efficiency, saving manpower cost, reducing labor intensity, and having safety and reliability in production.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.740/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR MANUFACTURING CYLINDER BODY OF ACTUATING CYLINDER AND CONCRETE PUMPING APPARATUS

(51) International classification :F15B15/14
(31) Priority Document No :201210195986.3
(32) Priority Date :14/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/086108
Filing Date :07/12/2012
(87) International Publication No :WO 2013/185451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZOOMLION HEAVY INDUSTRY SCIENCE AND TECHNOLOGY CO. LTD.
Address of Applicant :No.361 Yinpen South Road Yuelu District Changsha Hunan 410013 China
(72)Name of Inventor :
1)LI Xiaochao
2)WANG Jiaqian
3)LI Shu

(57) Abstract :

A cylinder body of an actuating cylinder comprising an inner lining layer (1) and a first composite fiber material layer (2) bonded with the exterior of the inner lining layer where the first composite fiber material layer is formed by compounding a first fiber material and a matrix resin. Also disclosed is a concrete pumping apparatus having the cylinder body. Also discloses is a method for manufacturing the cylinder body of the actuating cylinder comprising: an inner lining layer forming step: forming the inner lining layer; and a bonding step: forming the first composite fiber material layer by employing the first fiber material and the matrix resin and bonding the first composite fiber material layer to the exterior of the inner lining layer. With the method the actuating cylinder is provided with an increased cylinder body intensity reduced weight improved fatigue resistance and corrosion resistance and reduced thermal expansion. In addition because the inner lining layer of the cylinder body is capable of meeting the requirements of the cylinder body for air tightness of the inner wall and for abrasion resistance for contact with a piston use performance of the cylinder body is not affected.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.363/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVEMENT IN OXIDATION BEHAVIOUR OF CALCINED PETROLEUM COKE USED FOR PRODUCTION OF ANODES IN ALUMINIUM INDUSTRY

(51) International classification	:B01J 29/00	(71) Name of Applicant : 1)NATIONAL ALUMINIUM COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :(A GOVERNMENT OF INDIA
(32) Priority Date	:NA	ENTERPRISE) NALCO BHAWAN, P/1, NAYAPALLI,
(33) Name of priority country	:NA	BHUBANESWAR-751061, ORISSA, INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BINUTA PATRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of calcined petroleum coke having improved oxidation behavior comprising: adding boric acid powder to the calcined petroleum coke at the discharge end of the calcining process, subjecting the mixture to the step of thorough mixing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.741/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR CONTROLLING A CASTING SYSTEM

(51) International classification :B22D2/00,B22D15/04,B22D30/00
(31) Priority Document No :11184325.6
(32) Priority Date :07/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068262
Filing Date :17/09/2012
(87) International Publication No :WO 2013/050237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NEMAK LINZ GMBH
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(72)Name of Inventor :
1)SCHICKMAIR Martin
2)GRÖSCHEL Andre

(57) Abstract :

The invention relates to a method for controlling a casting system (4) comprising at least one ingot mould (10) for receiving a liquid substance(8) said liquid substance (8) hardening during a setting time in the ingot mould (10) at least one process parameter being detected during the production process and the setting time being determined in accordance with the detected process parameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.742/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR DETECTING AUTOANTIBODIES

(51) International classification :G01N33/53

(31) Priority Document No :13/228705

(32) Priority Date :09/09/2011

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

(86) International Application No :PCT/US2011/050976

Filing Date :09/09/2011

(87) International Publication No :WO 2013/036239

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUIDEL CORPORATION

Address of Applicant :10165 McKellar Court San Diego CA

92121 U.S.A.

(72)Name of Inventor :

1)LI Yunsheng

2)OLIVO Paul D.

3)KIM Jaekyung

(57) Abstract :

Compositions and methods for detecting thyroid hormone blocking immunoglobulin (TBI) are disclosed. The methods are sensitive and specific for TBI and may be used for the dual detection of both TBI and TSI. The compositions and methods are useful for the diagnosis of diseases that are associated with the presence of TBI and/or TSI for monitoring the progress of disease and/or treatment regimens therapeutics vaccines etc. and for assisting clinicians in making treatment decisions.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.864/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : PERMEABLE NONWOVEN FABRIC

(51) International classification :D06M15/647,A61F13/49,A61F13/511
(31) Priority Document No :2011241383
(32) Priority Date :02/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078358
Filing Date :01/11/2012
(87) International Publication No :WO 2013/065794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ASAHI KASEI FIBERS CORPORATION
Address of Applicant :3 23 Nakanoshima 3 chome Kita ku
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(72)Name of Inventor :
1)YAHANASHI Masahiro
2)ZEISHO Kazuya
3)NAKAHIGASHI Toshiko

(57) Abstract :

The objective of this invention is to provide a permeable nonwoven fabric imparted with uniform permeability for smoothly absorbing urine bodily fluids and the like. This permeable nonwoven fabric is characterized in comprising a polyolefin thermoplastic fiber the average value and CV value of the permeable flow length value at a 45° inclination in the MD direction of the nonwoven fabric being respectively no more than 90 mm and no more than 5.0 and the R value of the second time permeability durability index being no more than 60%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.865/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SUBSTITUTED PYRAZOLYL BASED CARBOXAMIDE AND UREA DERIVATIVES BEARING A PHENYL MOIETY SUBSTITUTED WITH AN SO₂ CONTAINING GROUP AS VANILLOID RECEPTOR LIGANDS

(51) International classification :C07D231/12,A61K31/415,A61P29/00
(31) Priority Document No :11008927.3
(32) Priority Date :09/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/072143
Filing Date :08/11/2012
(87) International Publication No :WO 2013/068464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)FRANK FOLTYN Robert
2)CHRISTOPH Thomas
3)DAMANN Nils
4)LESCH Bernhard
5)BAHRENBERG Gregor
6)SAUNDERS Derek John
7)STOCKHAUSEN Hannelore
8)KIM Yong Soo
9)KIM Myeong Seop
10)LEE Jeewoo

(57) Abstract :

2The invention relates to substituted pyrazolyl based carboxamide and urea derivatives bearing a phenyl moiety substituted with a SO₂ containing group as vanilloid receptor ligands to pharmaceutical compositions containing these compounds and also to these compounds for use in the treatment and/or prophylaxis of pain and further diseases and/or disorders.

No. of Pages : 89 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1367/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013

(43) Publication Date : 02/10/2015

(54) Title of the invention : BLOOD GROUP DETECTOR EMPLOYED WITH OPTICAL FIBER SENSOR.

(51) International classification	:G01N33/80	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANAT KUMAR RATHORE
(32) Priority Date	:NA	Address of Applicant :4/47C,CHANDITALA
(33) Name of priority country	:NA	LANE,KOLKATA-700040 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANAT KUMAR RATHORE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic blood group detector comprising a cooling chamber which comprises a plurality of conical arrangement, insulator coupled to an adjusting means which may be a clipper configured to receive all antigen type; plurality of LED at the tapering end of the plurality of conical arrangement; a housing which further comprises a power supply alongwith an amplifier a sensor module which works on the principle of reflection of un-modulated infrared rays from the incident surface, a thermoelectric cooler plate, a 7 segment display, wherein the sensor is configured with a specialized property of absorption of light with their intensity, the optical fiber sensor as employed herein by variation of its colour identifies the blood group, wherein the detector may be configured to other peripheral devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.813/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : IMPROVEMENT OF THE MOTOR PROTECTION OF A DC DRIVE

(51) International classification :H02H7/08,B63H21/00,H02H3/02
(31) Priority Document No :10 2011 085 253.0
(32) Priority Date :26/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/070406
Filing Date :15/10/2012
(87) International Publication No :WO 2013/060591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Wittelsbacherplatz 2 80333 München
Germany
(72)Name of Inventor :
1)AHLF Gerd
2)M-RSCH Michael

(57) Abstract :

The invention relates to an electrical DC power supply system for underwater and above water vessels and for offshore installations with at least one DC source (12 13) arranged in a respective source phase and at least one DC drive motor (2) arranged in a respective motor phase. Furthermore the invention relates to a method for influencing a direct current flowing in a DC power supply system. In order to ensure improved protection in the event of a short circuit in an electrical DC power supply system it is proposed to provide in each case at least one current measuring device (14 15) for detecting a current and/or current rise at the at least one DC source (12 13) and at least one controller (4) for influencing a direct current flowing in the respective motor phase of the DC power supply system if the current and/or current rise detected by the at least one current measuring device (14 15) is greater than a predeterminable current and/or current rise.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.814/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : WASHING MACHINE AND METHOD FOR CONTROLLING THE SAME

(51) International classification :D06F39/14
(31) Priority Document No :201110321044.0
(32) Priority Date :14/10/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/055505
Filing Date :11/10/2012
(87) International Publication No :WO 2013/054279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Carl Wery Str. 34 81739 München
Germany
(72)Name of Inventor :
1)DAI Ting
2)LI Lianhua
3)YANG Chao
4)ZHANG Xiaofeng

(57) Abstract :

The invention relates to a washing machine 100 including a washing machine main body 10 with a built in main controller 13 a cylindrical cavity 50 disposed in the washing machine main body 10 a washing machine door 20 a lock catch 21 and a door lock latch 22 used for locking or unlocking the washing machine door 20 an electromagnetic component 30 and an attracted component 40 wherein upon triggering a start button 60 of the washing machine the electromagnetic component 30 employs a transient attraction force on the attracted component 40 so that the lock catch 21 automatically locks the door lock latch 22. The washing machine door 20 is capable of being automatically attracted and locked in deadlock thereby avoiding a washing program error and omitting the procedure and time for processing this program error. Meanwhile the present invention further provides a method for controlling the washing machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.387/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :25/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : A METHOD OF MANUFACTURING HEADER PIPES/LINKS FOR BOILERS WITH COUNTER WEIGHT ASSEMBLY FIXED ON THE PIPE FOR UNIFORM ROTATION DURING SUB MERGED ARC WELDING PROCESS.

(51) International classification	:B23K 9/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. West Bengal India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)AMIRTHAM ANTONY ADIMAI
(32) Priority Date	:NA	2)MUTHUSAMY MURUGANANTHAM
(33) Name of priority country	:NA	3)GANESAN SENTHILKUMAR
(86) International Application No	:NA	4)CHITHIRAJ JAYARAMAN
Filing Date	:NA	5)RAMAKRISHAN VENKATRAMAN
(87) International Publication No	: NA	6)RENGARAJU RAGUPATHY
(61) Patent of Addition to Application Number	:NA	7)GENGAN MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of welding links (super heater pipes) in submerged Arc welding automatic machine using counter weight assembly comprises of welding a heavy thickness pipe (01) with a solid block (02) and welding the pipe (01) and block (02) with lifting hook (03) having lifting hole (04) to handle counter weight assembly. A plurality of stiffener plates (05) are welded to the heavy thickness pipe (01) to provide strength and stiffness. The top clamp (06) is welded with heavy thickness pipe (01) and stiffness plate (05). The above assembly is fixed on the workpiece (11) and clamped with hexagonal bolt (10), nut (08) and spring washer (09). The already connected portion of other workpieces (12) and (13) are then uniformly rotated without jerking when the welding is carried out automatically to connect elbow (15) and straight pipe (14). After necessary completion of joint 16, the counter weight assembly is shifted near to the joint 17 to perform the welding. Accordingly, the work pieces (b), (c), (d) and (e) are completed with this counter weight device for smooth welding of joints.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DEVICES SYSTEMS AND METHODS FOR THE WHITENING OF TEETH

(51) International classification	:A61C17/02
(31) Priority Document No	:61/533303
(32) Priority Date	:12/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/054652
Filing Date	:11/09/2012
(87) International Publication No	:WO 2013/039906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAVRIK DENTAL SYSTEMS LTD.
Address of Applicant :22 Hatzlil Street 43396 Raanana Israel
(72)**Name of Inventor :**
1)SANDERS Daniel DDS

(57) Abstract :

A device method and system are provided for aiding the whitening of teeth. The device includes a mouthpiece suitable for implementing a dental treatment wherein the mouthpiece includes one or more stock dental cover layers suitable for forming a treatment cavity having a vacuum wherein the dental cover layers includes a layer over the upper teeth and/or a layer over the lower teeth; and one or more treatment supply layers wherein the treatment supply layer has one or more flow channel in fluid communication with the treatment cavity so that the treatment supply layer can deliver and/or remove one or more treatment fluids from the treatment cavity.

No. of Pages : 62 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MUTANTS OF HYDANTOINASE

(51) International classification :C12N9/86,C12N1/15,C12N1/21

(31) Priority Document No :11189395.4

(32) Priority Date :16/11/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/072891

Filing Date :16/11/2012

(87) International Publication No :WO 2013/072486

(61) Patent of Addition 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)OSSWALD Steffen

2)SCHUSTER Heiko

3)ROOS Jürgen

4)KARAU Andreas

5)SCHWANEBERG Ulrich

6)MARTINEZ Ronny

7)MUNDHADA Hemanshu

8)HOLTER Ursula

(57) Abstract :

The present invention relates to a hydantoinase having an amino acid sequence selected from (i) or (ii) with (i) amino acid sequence selected from SEQ ID NO: 6 20 and SEQ ID NO: 73 119 (ii) amino acid sequence wherein in the amino acid sequence of SEQ ID NO: 6 20 and SEQ ID NO: 73 119 1 to 75 amino acid residues have been substituted deleted inserted and/or added and wherein further the catalytic activity of the hydantoinase is higher by a factor of at least 1.2 than the catalytic activity of the hydantoinase having amino acid sequence SEQ ID NO: 1 The present invention further relates to a process for preparing amino acids wherein said hydantoinase is used.

No. of Pages : 222 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.867/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD FOR OPERATING AN ARC FURNACE

(51) International classification	:C21C5/52
(31) Priority Document No	:11187639.7
(32) Priority Date	:03/11/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/071107
Filing Date	:25/10/2012
(87) International Publication No	:WO 2013/064413
(61) Patent of Addition 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)KRÜGER Klaus
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3)DÖBBELER Arno

(57) Abstract :

12In a method for operating the arc furnace with at least one electrode a material to be melted is melted in the arc furnace by means of a plasma arc (2) produced by the at least one electrode. With a view to increasing the efficiency and output of an arc furnace the plasma arc (2) is regulated by virtue of one or more additional substances (ZS ZS) which influence the plasma composition being introduced into the plasma.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.816/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CIRCUIT BREAKER CIRCUIT BREAKER TERMINAL LUG COVER AND METHOD OF PROTECTING A TERMINAL LUG

(51) International classification :H01H9/04,H01H73/20,H01R13/533
(31) Priority Document No :61/569726
(32) Priority Date :12/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065418
Filing Date :16/11/2012
(87) International Publication No :WO 2013/089966
(61) Patent of Addition to Application Number :NA
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)MERCK Paul A.
3)MUELLER Robert W.

(57) Abstract :

A circuit breaker terminal lug cover (1) is structured to mechanically secure to a circuit breaker terminal lug (2) and protect the terminal lug from degradation or corrosion. The terminal lug includes a number of terminal lug screws (5) capable of securing a number of cables to the circuit breaker (3). The terminal lug cover includes a plurality of sides (10 11 12 13) structured to carry heat away from the terminal lug or deflect ionized gases away from the terminal lug. At least one (12 13) of the sides includes a number of securing members (8 9) structured to mechanically secure the terminal lug cover to the circuit breaker terminal lug. One (10) of the sides includes an access hole (6) permitting access to the number of terminal lug screws.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.873/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CLEANING INKJET PRINTING HEADS

(51) International classification :B32B15/08
(31) Priority Document No :P201330156
(32) Priority Date :08/02/2013
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070751
Filing Date :29/10/2013
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PERSONAS Y TECNOLOGÍA, S.L.
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(72)Name of Inventor :
1)GAYA FUENTES, FRANCISCO JAVIER

(57) Abstract :

A system for cleaning inkjet printing heads that is intended for cleaning these heads by means of a pressurized fluid, selected between a liquid solvent and a gaseous fluid, such as air. The pressurized fluid passes through various spaces inside the ink printing heads, through which ink normally flows when sprayed, in such a way that this path is taken in two circulation directions for much more effective cleaning. For cleaning, the ink printing head is placed inside a main tub, in such a way that the lower portion of the ink printing head is soaked in a liquid solvent contained within said first tub, further including, among other elements, a level control device that regulates the optimal height of the liquid solvent inside the main tub.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.874/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : WEB INFORMATION PROVIDING SYSTEM AND WEB INFORMATION PROVIDING PROGRAM

(51) International classification :G06F17/30
(31) Priority Document No :2011231636
(32) Priority Date :21/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/077204
Filing Date :22/10/2012
(87) International Publication No :WO 2013/058398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KOH Kyotetsu
2)SAKAGUCHI Eiji

(57) Abstract :

A Web information providing system and Web information providing program are provided to search for Web sites and content that provide services given the keywords input by a user and displays the linked data. When a user inputs the search keywords into a keyword input means (11) an entry decision means (12) determines the entered formats of the input keywords. An attribute decision means (13) determines the attributes from the content represented by the keywords corresponding to the format of the entry. A search means (14) searches for Web sites and content that provide the services corresponding to the attributes and displays the linked data of the searched Web sites and content on a display means (15). If the linked data displayed on the display means (15) is selected an access means (18) accesses the Web site and instructs the provision of the service indicated by the entry content of the keywords.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.417/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :31/03/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : WATER BASED THIN ORGANIC COATING FORMULATION FOR GALVANIZED

(51) International classification	:A61K 9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001,INDIA Jharkhand
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)A K SINGH
(61) Patent of Addition to Application Number	:NA	2)NITU RANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a coating formulation where 100 parts by weight formulation constitutes from (a) 40-60 parts of styrene acrylic resin (b) 0. 2 to 1 parts chromium from any of water soluble chromium compound (c) 1 to 3 parts of 2-amino 2-methyl 1-propanol (AMP) (d) 1-6 parts of Polyethylene wax and (e) rest water, the property of resultant coating formulation at room temperature being is 20 to 40 % non volatile content by weight, 7 to 9 pH and specific gravity 1.0 to 1.05 g/cm3.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : GEARBOX FOR INDUSTRIAL APPLICATIONS OR WIND POWER PLANTS

(51) International classification :F03D11/02,G01L3/12,F16H57/031
(31) Priority Document No :102011085299.9
(32) Priority Date :27/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/067406
Filing Date :06/09/2012
(87) International Publication No :WO 2013/060518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)DINTER Ralf Martin

(57) Abstract :

The invention relates to a gearbox having a sensing device (109) for sensing a torque which acts on a drive shaft (101) an output shaft (102) or a shaft which can be driven by the drive shaft (101). The sensing device (109) is electrically connected to an integrated energy generating device. A rotor (192) which is arranged inside the gearbox housing (103) and connected in a rotationally fixed fashion to a shaft which can be driven by the drive shaft (101) is assigned to the energy generating device. A bearing (194) which is secured by a housing lid (193) is assigned to this shaft. The housing lid (193) surrounds the rotor (192) in this context. The energy generating device is assigned a stator (191) which is mounted on the housing lid (193) within the gearbox housing (103).

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.758/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : TILLING APPARATUS

(51) International classification	:A01B33/02
(31) Priority Document No	:2011903588
(32) Priority Date	:05/09/2011
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2012/001048
Filing Date	:05/09/2012
(87) International Publication No	:WO 2013/033764
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OLSEN Niels Peter

(57) Abstract :

A tilling apparatus and a method of tilling soils which includes the use of a rotational shaft having a number of cutter assemblies located at spaced apart locations on the shaft in which each cutter assembly has a multitude of blades which rotate as the rotary shaft rotates to form a plurality of spaced apart trenches having the same spacing as the spacing of the cutters and a width caused by the width of the blades. As the blades dig the trench the soil contacted by the blades is granulated and is tossed about by the spinning blades so that some soil falls back into the trench and some falls along the periphery of the trench to form rows of aerated granules which promote enhanced growth of plants or seeds in the trench and along the edge of the trench to improve the yield of pasture having the trenches. Various attachments can be provided on the tilling apparatus either in front of or towards the rear of the spinning blades for different purposes such as rippers seeders levellers or similar. The advantage of the tilling apparatus is that the soil is formed into granules which are used to form an aerated array of soil granules having enhanced growing properties for plants.

No. of Pages : 41 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.759/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : LUBRICATION FREE RAILWAY SHUNTING DEVICE

(51) International classification :E01B7/26,C23C28/00,E01B5/08	(71)Name of Applicant :
(31) Priority Document No :1157986	1)VOSSLOH COGIFER (SOCIÉTÉ ANONYME)
(32) Priority Date :08/09/2011	Address of Applicant :21 avenue de Colmar F 92500 Rueil
(33) Name of priority country :France	Malmaison France
(86) International Application No :PCT/FR2012/052013	(72)Name of Inventor :
Filing Date :10/09/2012	1)BARRESI Francesco
(87) International Publication No :WO 2013/034868	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to a part including one surface (4) rubbing against a second surface said part including at least one steel structure (1 2) comprising an amorphous phase totalling more than 70% characterised in that the outer surface (4) of said structure is covered with at least one layer (3) of lubricating thermoplastic polymers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.882/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : SOLENOID DONUT

(51) International classification	:H01F7/06
(31) Priority Document No	:61/626403
(32) Priority Date	:26/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/057377
Filing Date	:26/09/2012
(87) International Publication No	:WO 2013/049240
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)ROSS Owen

(57) Abstract :

A donut shaped solenoid surrounds a central plate which spins clockwise or counter clockwise while holding an object such as a tube inside the solenoid coils so that the tube and its contents can be moved through the solenoid s magnetic field. Although the plate interrupts the solenoid coils the plate is a conductor which can maintain the conductivity of the coils and thus the strength of the magnetic field. The solenoid donut can be of any size but is especially intended to be at the approximate scale of a microchip so as to fit inside any kind of hand held or portable device such as a cell phone tablet or a laptop computer. Multiple solenoid donuts can be stacked in series to function within larger scale devices such as air conditioners generators or automobiles.

No. of Pages : 11 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.885/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : MODULATORS OF ATP BINDING CASSETTE TRANSPORTERS

(51) International classification :C07D405/12,C07D405/14,C07D498/04
(31) Priority Document No :61/557043
(32) Priority Date :08/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/064217
Filing Date :08/11/2012
(87) International Publication No :WO 2013/070961
(61) Patent of Addition 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)LOOKER Adam R.
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3)CHOUDHURY Anusuya
4)HARRISON Cristian L.
5)VELURI Ravikanth
6)RYAN Michael P.
7)JIANG Licong
8)LUSS LUSIS Eduard

(57) Abstract :

Compounds of the present invention and pharmaceutically acceptable compositions thereof are useful as modulators of ATP Binding Cassette (ABC) transporters or fragments thereof including Cystic Fibrosis Transmembrane Conductance Regulator (CFTR). The present invention also relates to methods of treating ABC transporter mediated diseases using compounds of the present invention.

No. of Pages : 105 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : DETERMINATION OF BEHAVIOR OF LOADED WHEELS BY LOAD SIMULATION

(51) International classification	:G01B21/32,G01M17/02	(71)Name of Applicant :
(31) Priority Document No	:11 008 537.0	1)SNAP ON EQUIPMENT SRL A UNICO SOCIO
(32) Priority Date	:25/10/2011	Address of Applicant :Via provinciale per Carpi 33 I 42015
(33) Name of priority country	:EPO	Correggio (re) Italy
(86) International Application No	:PCT/EP2012/071166	(72)Name of Inventor :
Filing Date	:25/10/2012	1)SOTGIU Paolo
(87) International Publication No	:WO 2013/060782	2)BRAGHIROLI Francesco
(61) Patent of Addition to Application Number	:NA	3)TRALLI Marco
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for contactless determining a behavior of a loaded tyre or wheel comprising the steps of determining a contour of at least a portion of the tyre or wheel; simulating loading of the tyre or wheel with a virtual loading element bearing against the tyre for at least one rotary position of the wheel on the basis of the determined contour a displacement of the determined contour caused by the virtual loading element and at least one parameter associated to the tyre or wheel or to a part of the tyre; and determining the behavior of the loaded wheel using the simulation results.

No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.883/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : MANAGING BEHAVIOR OF RELEASE 7 AND RELEASE 8 USER EQUIPMENT DURING CONTINUOUS PACKET CONNECTIVITY CONFIGURATION

(51) International classification :H04W24/04,H04W76/04
(31) Priority Document No :61/539137
(32) Priority Date :26/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/050706
Filing Date :25/06/2012
(87) International Publication No :WO 2013/048304
(61) Patent of Addition 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)HULTELL Johan
3)KIM Seungtai
4)SILVERIS Paulson Angelo Vijay

(57) Abstract :

When a serving Node B has deactivated Continuous Packet Connectivity and the UE then is reconfigured with a RRC reconfiguration message it can happen that the UE acts as though CPC is activated whereas the serving Node B on the other hand acts as though CPC functionality is still deactivated. In several embodiments of techniques for addressing this problem previously known signaling messages and/or user plane frame headers are modified to include new indicators/parameters which are used to signal that a given UE should be expected to have non uniform behavior with respect to remembering CPC activation status after acting on a RRC Reconfiguration message because it is a Release 7 or Release 8 mobile station. These new indicators/parameters may also be used by a Node B in some embodiments to acknowledge the receipt of an indication from an RNC that non uniform behavior should be anticipated for a given UE.

No. of Pages : 33 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.884/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR SENDING AND RECEIVING DATA

(51) International classification	:H04L25/03
(31) Priority Document No	:201110288736.X
(32) Priority Date	:26/09/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2012/079723
Filing Date	:06/08/2012
(87) International Publication No	:WO 2013/044686
(61) Patent of Addition to 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 Dongsheng

(57) Abstract :

Disclosed in the embodiment of the invention are a method and device for sending and receiving data. The method for sending data comprises: data bit 1 is transmitted in a periodic waveform within the period T1 data bit 0 is transmitted in the periodic waveform within the period T2 and the T1 is not equal to T2; and according to the bit sequence of data to be sent the corresponding periodic waveforms are sent continuously. According to the method and device for sending and receiving data disclosed by the embodiment of the invention a receiving terminal can determine the bit sequence of the received data according to the periods of the periodic waveforms so that the complicated process of detecting a duty ratio in the prior art is avoided and the load and the cost of the receiving terminal are reduced.

No. of Pages : 28 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : CHARGING ASSEMBLY WITH OVER ROTATION CONTROL AND ELECTRICAL SWITCHING APPARATUS EMPLOYING SAME

(51) International classification :H01H3/30,H01H33/40
(31) Priority Document No :13/306374
(32) Priority Date :29/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/064594
Filing Date :12/11/2012
(87) International Publication No :WO 2013/081803
(61) Patent of Addition to Application Number :NA
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)SLEPIAN Robert Michael

(57) Abstract :

A charging assembly (200) is provided for an electrical switching apparatus such as a circuit breaker (102). The circuit breaker (102) includes a housing (104) separable contacts (106) and an operating mechanism (108) for opening and closing the separable contacts (106). The charging assembly (200) includes a stored energy mechanism such as a closing spring (204) which is movable between charged and discharged positions. A cast member (218) is coupled to the closing spring (204) and moves therewith. The cast member (218) includes a projection (220). A cam shaft (208) is pivotably coupled to the housing (104) and includes a number of cams (210 212). A catchment (214) which is also pivotably coupled to the housing (104) includes an impact surface (224) and a protrusion (226). The impact surface (224) cooperates with a corresponding one of the cams (212) to resist over rotation of the cam shaft (208). The protrusion (226) of the catchment (214) cooperates with the projection (220) of the cast member (218) to maintain the desired relationship between the catchment (214) and the cam (212).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.879/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR TIME SYNCHRONIZATION OF IEDS VIA RADIO LINK

(51) International classification :H04B7/26,H04H20/67,H04J3/06
(31) Priority Document No :13/327531
(32) Priority Date :15/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/068915
Filing Date :11/12/2012
(87) International Publication No :WO 2013/090246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCHWEITZER ENGINEERING LABORATORIES INC.
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(72)Name of Inventor :
1)ACHANTA Shankar V.

(57) Abstract :

The present disclosure provides systems and methods for synchronizing the time signals of master and remote IEDs using a radio link. According to one embodiment a master IED may transmit an adjusted time signal to a remote IED via a radio signal. The master IED may determine a propagation delay between the master IED and a remote IED. The master IED may then adjust a master time signal by the propagation delay and transmit the adjusted time signal to the remote IED. Alternatively a remote IED may request and receive a master time signal from a master IED via a radio signal. The remote IED may then determine the propagation delay and adjust the received master time signal accordingly. According to various embodiments the time signal of a master and remote IED may be synchronized to within at least one millisecond.

No. of Pages : 36 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.880/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date : 02/10/2015

(54) Title of the invention : WASHING MACHINE WITH FILTRATION DEVICE AND METHOD FOR THE OPERATION THEREOF

(51) International classification :D06F39/00,D06F39/08,D06F39/10
(31) Priority Document No :10 2011 086 137.8
(32) Priority Date :11/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/071684
Filing Date :02/11/2012
(87) International Publication No :WO 2013/068300
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BISCHOF Andreas
3)HANAU Andreas
4)SCHAUB Hartmut

(57) Abstract :

The invention relates to a washing machine with a suds container (1) a washing drum (2) a water inlet system (8 9) a suds pump (16) a program controller (12) and at least one filtration device (17 29 30) wherein the at least one filtration device (17 29 30) is arranged between the suds container (1) and a supply line (10) to the suds container (1) and the washing machine is designed in such a manner that an aqueous fluid (6) present in the suds container (1) can be filtered at least part of the time during a laundry treatment step by being conducted through the at least one filtration device (17 29 30) and fed back to the suds container (1) and at least two filtration devices (17 29 30) with different average pore widths are present. The invention also relates to a method for treating laundry in said type of washing machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.778/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : METHOD BASE STATION AND RADIO NETWORK CONTROLLER FOR DETERMINING TRANSMISSION TIME INTERVAL

(51) International classification	:H04W72/04
(31) Priority Document No	:201110347629.X
(32) Priority Date	:04/11/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2012/084097
Filing Date	:05/11/2012
(87) International Publication No	:WO 2013/064124
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)CHEN Yanyan
3)LI Bingzhao

(57) Abstract :

A method base station and radio network controller (RNC) is provided in the embodiments of the present invention. The method for determining transmission time interval (TTI) includes: a base station receives uplink data sent in E DCH by an user equipment in idle or Cell FACH status; the base station determines the TTI used by the user equipment in sending the uplink data; the base station sends the uplink data which is carried in E DCH data frames and sends to an RNC and the E DCH data frames carry TTI indicators so as to inform the RNC the TTI used by the user equipment in sending the uplink data. According to the embodiments in the present invention it can be implemented that the RNC acquires the TTI used by the user equipment in idle or Cell FACH status in sending the uplink data and that it can be ensured that the RNC chooses appropriate TTI deployment for the user equipment when the user equipment transferring from the Cell FACH status to the Cell DCH status.

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.779/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : ULTRASONIC DEVICE WITH INTEGRATED GAS DELIVERY SYSTEM

(51) International classification :B06B3/00
(31) Priority Document No :13/270401
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059529
Filing Date :10/10/2012
(87) International Publication No :WO 2013/055778
(61) Patent of Addition 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)GILL Kevin S.

(57) Abstract :

Methods for degassing and for removing impurities from molten metals are disclosed. These methods can include operating an ultrasonic device in a molten metal bath and adding a purging gas into the molten metal bath through the tip of the ultrasonic device.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.836/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : POWER DISTRIBUTION APPARATUS FOR SEPARATE ELECTRICAL OVER CURRENT AND SHORT CIRCUIT PROTECTION

(51) International classification	:H02H3/08
(31) Priority Document No	:13/279303
(32) Priority Date	:23/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/053811
Filing Date	:05/09/2012
(87) International Publication No	:WO 2013/062674
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CYBERSWITCHINGPATENTS LLC.
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1)REYNOLDS Gregory
2)REYNOLDS Charles

(57) Abstract :

A system for protecting electrical power distribution circuits and loads electrically connected thereto comprises a circuit breaker or fuse in series with an over current protection device for example a virtual circuit breaker. The circuit breaker or fuse provides protection against a short circuit condition and the virtual circuit breaker provides against excess current. Separating the two protection means enables providing a higher current allowance for loads connected to outlets on a branch circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.837/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date : 02/10/2015

(54) Title of the invention : HIGH VOLTAGE PLATFORM

(51) International classification :H02B5/00,H01G4/38,H02J3/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/069131
Filing Date :31/10/2011
(87) International Publication No :WO 2013/064166
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)VON SECK Achim
2)KUHN German

(57) Abstract :

The invention relates to a device (1) for carrying high voltage equipment (8 9 10 11) in an electrically insulated manner and comprising a carrier platform (4) which is mounted and electrically insulated by means of support insulators (2) and on which said high voltage equipment (8 9 10 11) is arranged said carrier platform (4) comprising primary carriers (5) with which the platform (4) rests on the support insulators (2). In order to obtain such a device which prevents deflections of the carrier platform in a cost effective manner it is suggested that the high voltage equipment (8 9 10 11) is at least partially arranged in a carrier structure (4) that is equipped with support feet (17) each foot (17) being arranged vertically above a primary carrier (5).

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

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	268922	6597/DELNP/2009	28/04/2008	01/05/2007	ANTIFOULING COATING COMPOSITION BASED ON CURABLE POLYORGANOSILOXANE POLYOXYALKYLENE COPOLYMERS •	AKZO NOBEL COATINGS INTERNATIONAL B.V.	23/08/2013	DELHI
2	268923	5727/DELNP/2008	18/01/2007	18/01/2006	LAYERED ADHESIVE CONSTRUCTION WITH ADHESIVE LAYERS HAVING DIFFERENT HYDROCOLLOID COMPOSITION	COLOPLAST A/S	26/09/2008	DELHI
3	268924	3989/DELNP/2008	20/10/2006	21/10/2005	NOVEL UNSATURATED FATTY HYDROXY ACID DERIVATIVES AND THE DERMOCOSMETOLOGIC USE	PIERRE FABRE DERMOCOSMETIQUE	01/08/2008	DELHI
4	268925	1350/DEL/2006	06/06/2006 14:55:56	08/06/2005	SYSTEM AND METHOD FOR AUTOMATICALLY OPTIMIZING AVAILABLE VIRTUAL MEMORY	DELL PRODUCTS L.P.	24/08/2007	DELHI
5	268928	1345/DELNP/2007	26/08/2005	27/08/2004	SUPERABSORBENT POLYMERS IN AGRICULTURAL APPLICATIONS	ABSORBENT TECHNOLOGIES, INC.,	03/08/2007	DELHI
6	268931	2153/DELNP/2008	25/09/2006	29/09/2005	OLIGONUCLEOTIDE ANALOGUES INCORPORATING 5-AZACYTOSINE THEREIN	ASTEX PHARMACEUTICALS, INC.	11/07/2008	DELHI
7	268937	2589/DEL/2009	14/12/2009		A KIT FOR THE QUICK DETECTION OF PROTEIN IN URINE FOR ASSESSING KIDNEY'S HEALTH	JOHAR, SARABJEET SINGH, JOHAR, MANPREET SINGH, JOHAR GURDEEP SINGH	17/06/2011	DELHI
8	268938	873/DELNP/2009	11/09/2007	13/09/2006	PROCESS FOR PREPARING BIARYL SUBSTITUTED 4-AMINO-ACID OR DERIVATIVES THEREOF AND THEIR USE IN THE PRODUCTION OF NEP INHIBITORS	NOVARTIS AG	12/06/2009	DELHI
9	268939	7581/DELNP/2009	30/05/2007	30/05/2007	BINUCLEAR NITROSYL-IRON COMPLEXES WITH BENZO-TRANS-HETEROCYCLIC DERIVATIVES AND A METHOD FOR THE PRODUCTION THEREOF	INSTITUTE OF PROBLEMS OF CHEMICAL PHYSICS RAS (IPCP RAS)	02/07/2010	DELHI

10	268944	1069/DELNP/2007	29/08/2005	02/09/2004	OPTIMIZED LIQUID-PHASE OXIDATION	GRUPO PETROTEMEX, S.A. DE C.V.	03/08/2007	DELHI
11	268950	155/DELNP/2011	21/07/2009	22/07/2008	METHOD FOR PRODUCING A PARTIAL OXIDATION PRODUCT OF A LIGHT ALCOHOL IN THE PRESENCE OF A CATALYST	ARKEMA FRANCE	09/12/2011	DELHI
12	268957	2405/DELNP/2009	27/09/2007	29/09/2006	PROCESS AND APPARATUS FOR HOT-FORGING SYNTHETIC CERAMIC	CERAMEXT, LLC	20/08/2010	DELHI
13	268961	1424/DEL/2003	17/11/2003		A STAIN REMOVING WASHING MACHINE	WHIRLPOOL OF INDIA LIMITED	25/11/2005	DELHI
14	268963	909/DEL/2005	08/04/2005		A GINGER MUNCH AND A PROCESS FOR THE PREPARATION THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	01/12/2006	DELHI
15	268964	323/DELNP/2008	07/07/2006	13/07/2005	DEVICE FOR DRIVING AN ELECTROMAGNETIC PUMP AND RELATED ELECTROMAGNETIC DOSING PUMP	SEKO BONO EXACTA SPA	15/08/2008	DELHI
16	268965	2020/DEL/2004	15/10/2004	31/10/2003	A ROTOR BLADE FOR A GAS TURBINE ENGINE	GENERAL ELECTRIC COMPANY	22/09/2006	DELHI
17	268966	3506/DEL/2005	28/12/2005		INTRAVENOUS (IV) CATHETER APPARATUS	POLY MEDICURE LIMITED	17/04/2009	DELHI
18	268975	6370/DELNP/2008	23/01/2007	16/03/2006	CATALYSIS OF POLYIMIDE CURING	ALTANA ELECTRICAL INSULATION GMBH	24/10/2008	DELHI
19	268977	10405/DELNP/2008	17/05/2007	18/05/2006	PROCESS FOR PREPARING CERAMICS, CERAMICS THUS OBTAINED AND USE THEREOF, ESPECIALLY AS A SPUTTERING TARGET	HYDRO-QUEBEC,CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	27/03/2009	DELHI
20	268981	8538/DELNP/2008	02/04/2007	03/04/2006	THERMAL EXTRACTION METHOD AND PRODUCT	PHARMATHERM CHEMICALS INC.	01/05/2009	DELHI
21	268982	210/DELNP/2009	12/07/2007	14/07/2006	METHOD FOR PRODUCING ALKYLANILIDES FROM HALOBENZENE DERIVATIVES	BAYER CROPSCIENCE AG	02/07/2010	DELHI
22	268983	8598/DELNP/2008	01/06/2007	06/06/2006	HYDROLYSIS STABILIZER FOR THERMOPLASTIC MOLDING COMPOSITIONS	BAYER MATERIALSCIENCE LLC	01/05/2009	DELHI
23	268984	6910/DELNP/2006	21/04/2005	21/04/2004	SURFACE COATING COMPRISING BIOACTIVE COMPOUND	ALLVIVO INC	31/08/2007	DELHI
24	268991	1602/DEL/2006	11/07/2006	25/07/2005	A REPEATER APPARATUS, MONITOR TERMINAL, A BASE APPARATUS AND METHOD OF RELAYING COMMUNICATION	SONY CORPORATION	31/08/2007	DELHI

25	268994	387/DELNP/2007	17/06/2005	17/06/2004	EMULGATING AGENT FROM CEREAL GRAINS	BIOVELOP INTERNATIONAL B.V.	03/08/2007	DELHI
26	268999	10784/DELNP/2008	05/07/2007	12/07/2006	PULVERIZED COAL INJECTION LANCE	PAUL WURTH S.A.	15/05/2009	DELHI
27	269001	694/DEL/2006	14/03/2006		A PROCESS FOR EXTRACTION AND PURIFICATION OF MUSTARD PROTEIN ISOLATES FROM DE-OILED MUSTARD CAKE AND SYSTEM THEREOF	MUSTARD RESEARCH AND PROMOTION CONSORTIUM	28/09/2007	DELHI
28	269003	907/DELNP/2010	22/07/2008	27/07/2007	OIL-IN- WATER EMULSION COMPOSITION AND METHOD FOR PRODUCING THE SAME	SHISEIDO COMPANY LTD.	23/08/2013	DELHI
29	269010	729/DEL/2007	30/03/2007		METHOD OF SURFACE LABELLING OF PARTICULATE SUBSTRATE	DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	09/01/2009	DELHI
30	269011	7497/DELNP/2008	15/03/2007	15/03/2006	PEGYLATED MUTATED CLOSTRIDIUM BOTULINUM TOXIN	MERZ PHARMA GMBH & CO. KGaA	26/09/2008	DELHI
31	269012	6/DEL/2003	01/01/2003		BAFFLE TRAY FOR THE REFRIGERATOR	WHIRLPOOL OF INDIA LIMITED	05/02/2010	DELHI
32	269014	2767/DELNP/2008	06/10/2006	06/10/2005	PROBIOTIC ENTEROCOCCI FOR IMPROVED IMMUNITY	NESTEC S.A	25/07/2008	DELHI
33	269015	5298/DELNP/2010	16/01/2009	29/01/2008	NITRILE RUBBERS WHICH OPTIONALLY CONTAIN ALKYLTHIO TERMINAL GROUPS AND WHICH ARE OPTIONALLY HYDROGENATED	LANXESS DEUTSCHLAND GMBH	25/02/2011	DELHI
34	269016	599/DEL/2005	18/03/2005		NON SLIPPING/SKIDDING AUTOMATIC DIFFERENTIAL LOCK	AMERAWATI	12/01/2007	DELHI
35	269017	1584/DELNP/2009	31/10/2007	03/11/2006	THERMOPLASTIC COMPOSTION HAVING LOW GLOSS AND LOW TEMPERATURE IMPACT PERFORMANCE	BAYER MATERIALSCIENCE AG	20/08/2010	DELHI
36	269018	2591/DEL/2005	27/09/2005	22/10/2004	V-BELT TYPE AUTOMATIC TRANSMISSION	HONDA MOTOR CO. LTD	31/07/2009	DELHI
37	269020	1114/DEL/2007	24/05/2007 12:09:16	26/05/2006	PROCESS FOR THE RECOVERY OF ELEMENTAL SULPHUR FROM RESIDUES PRODUCED IN HYDROMETALLURGICAL PROCESSES	ENGITEC TECHNOLOGIES S.P.A	30/11/2007	DELHI
38	269021	4192/DELNP/2010	19/08/2008	30/11/2007	PHOSPHOR, LIGHT EMITTING DEVICE USING THE SAME AND METHOD OF MANUFACTURING THE PHOSPHOR	NICHIA CORPORATION	11/11/2011	DELHI

39	269025	2479/DELNP/2009	26/10/2007	01/11/2006	SEMICONDUCTOR CERAMIC COMPOSITION AND PROCESS FOR PRODUCING THE SAME	HITACHI METALS, LTD.	19/06/2009	DELHI
40	269039	1618/DELNP/2009	12/09/2007	14/09/2006	ELECTROLYSIS CELL AND METHOD FOR OPERATING THE SAME	NORSK HYDRO ASA	15/05/2009	DELHI
41	269040	3/DELNP/2009	20/07/2007	26/07/2006	NOVEL METHOD FOR PRODUCING BIODIESEL USING AN IMMOBILISED CATALYST	VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK [VITO]	22/05/2009	DELHI
42	269042	3810/DELNP/2010	19/11/2008	19/11/2007	BRIDGED METALLOCENE COMPOUND, OLEFIN POLYMERIZATION CATALYST CONTAINING THE SAME, AND ETHYLENE POLYMER OBTAINED WITH THE CATALYST	MITSUI CHEMICALS, INC.	11/11/2011	DELHI
43	269043	5786/DELNP/2009	21/03/2008	30/03/2007	A METHOD FOR PRODUCING A POLYVINYL BUTYRAL RESIN PELLET •	KURARAY CO., LTD.	11/06/2010	DELHI
44	269051	1644/DEL/2008	21/09/1998	25/09/1997	DRUG FORMULATION HAVING CONTROLLED RELEASE OF ACTIVE COMPOUND	BAYER PHARMA AKTIENGESELLSCHAFT	03/04/2009	DELHI
45	269057	3539/DELNP/2004	24/02/2003	27/05/2002	CONNECTOR FOR PACKAGING CONTAINING MEDICAL FLUIDS AND PACKAGING FOR MEDICAL FLUIDS	M/S. FRESENIUS KABI DEUTSCHLAND GMBH	13/11/2009	DELHI
46	269059	49/DEL/2009	12/01/2009 12:46:09		ROOM TEMPERATURE ELECATROCHEMICAL PROCESS FOR SYNTHESIZING TITANIUM DIOXIDE NANONEEDLES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	23/07/2010	DELHI
47	269060	9055/DELNP/2008	04/05/2007	05/05/2006	THIOETHER FUNCTIONAL OLIGOMERIC POLYTHIOLS AND ARTICLES PREPARED THEREFROM	PPG INDUSTRIES OHIO, INC.	27/03/2009	DELHI
48	269061	2983/DELNP/2009	15/05/2008	09/11/2006	RUBBER COMPOSITION FOR TYRES INCORPORATING A NOVEL ANTIOXIDANT SYSTEM	SOCIETE DE TECHNOLOGIE MICHELIN, MICHELIN RECHERCHE ET TECHNIQUE S.A	01/01/2010	DELHI
49	269062	3906/DELNP/2008	26/10/2006	27/10/2005	ANTIMONY-FREE PHOTOCURABLE RESIN COMPOSITION AND THREE DIMENSIONAL ARTICLE	HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH	29/08/2008	DELHI
50	269064	1185/DEL/2008	13/05/2008 13:05:23	16/05/2007	A SET OF CIRCUIT BOARD CONNECTORS AND A METHOD OF MOUNTING A CONNECTOR TO A CIRCUIT BOARD	SUMITOMO WIRING SYSTEMS, LTD.	26/12/2008	DELHI

51	269066	4129/DELNP/2005	02/10/2003	25/03/2003	METHOD OF REDUCING THE MOLECULAR WEIGHT OF POLYMER	PERFORMANCE FIBERS OPERATIONS INC	31/08/2007	DELHI
52	269068	4966/DELNP/2009	28/01/2008	02/02/2007	TRICYCLIC COMPOUNDS AND THEIR USE AS GLUCOCORTICOID RECEPTOR MODULATORS	PFIZER PRODUCTS INC.,	05/03/2010	DELHI
53	269074	7526/DELNP/2008	13/03/2006	13/03/2007	FOAMED MOLDING AND ITS MANUFACTURING METHOD	DAISEN INDUSTRY CO.,LTD.	26/09/2008	DELHI
54	269075	9321/DELNP/2008	27/04/2007	29/04/2006	PROCESS FOR THE ON-SITE PRODUCTION OF CHLORINE AND HIGH STRENGTH HYPOCHLORITE •	ELECTROLYTIC TECHNOLOGIES CORPORATION	12/06/2009	DELHI
55	269076	8366/DELNP/2010	25/06/2008	25/06/2008	PLASMA SPRAY COATING METHOD	MITSUBISHI HEAVY INDUSTRIES, LTD.	09/03/2012	DELHI
56	269077	6763/DELNP/2009	25/04/2008	30/04/2007	INK-JET INKS FOR NEUTRAL BLACK PRINTING	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	18/06/2010	DELHI
57	269078	1482/DEL/2008	20/06/2008 15:43:46	21/06/2007	MOBILE WIRELESS COMMUNICATIONS DEVICE INCLUDING ELECTRICALLY CONDUCTIVE, ELECTRICALLY FLOATING BEAM SHAPING ELEMENTS AND RELATED METHODS	RESEARCH IN MOTION LIMITED	25/07/2008	DELHI
58	269079	3519/DELNP/2006	20/01/2005	20/01/2004	SEMICONDUCTOR SUBSTRATE FOR MICRO-FLUID EJECTION HEAD AND PROCESS FOR MAKING FLUID EJECTION HEAD	FUNAI ELECTRIC COMPANY LIMITED	31/08/2007	DELHI
59	269082	861/DELNP/2004	22/10/2002	22/10/2001	ARTICLE FOR DESPENSING SPILL-RESISTANT FORMULATIONS	TARO PHARMACEUTICAL INDUSTRIES LTD	30/10/2009	DELHI
60	269083	2562/DEL/2004	27/12/2004		A system for automatic operation of the barrier used for railway crossing	RAJKUMAR DALAL,BHUPENDRA SINGH,H.P.MITTAL	03/11/2006	DELHI
61	269085	6150/DELNP/2005	28/05/2004	28/05/2004	SUBSTITUTED PYRROLE DERIVATIVES AND THEIR USE AS HMG-COA REDUCTASE INHIBITORS	RANBAXY LABORATORIES LIMITED	15/01/2010	DELHI
62	269086	9460/DELNP/2007	02/06/2006	02/06/2005	PEPTIDE NUCLEIC ACID PROBES FOR ANALYSIS OF MICROORGANISMS	ADVANDX, INC.	15/02/2008	DELHI
63	269088	5588/DELNP/2007	01/02/2006	15/02/2005	A SYNCHRONIZATION SYSTEM USING REDUNDANT CLOCK SIGNALS FOR EQUIPMENT OF A SYNCHRONOUS TRANSPORT NETWORK	ALCATEL LUCENT	31/08/2007	DELHI
64	269090	4547/DELNP/2007	22/12/2005	24/12/2004	PROCESS FOR PREPARATION OF 3-(2-HYDROXY-5-METHYLPHENYL)-N, N-DIISOPROPL-3-PHENYLPROPYLAMINE	LEK PHARMCEUTICALS D.D.,	31/08/2007	DELHI

65	269091	42/DEL/2007	05/01/2007 12:48:58		AN OPHTHALMIC COMPOSITION	SENTISS PHARMA PRIVATE LIMITED	01/08/2008	DELHI
66	269095	8320/DELNP/2008	06/03/2007	13/03/2006	A METHOD FOR INDUSTRIAL PRODUCTION OF BIOCATALYSTS IN THE FORM OF ENZYMES OR MICROORGANISMS IMMOBILIZED IN POLYVINYL ALCOHOL GEL, THEIR USE DEVICES FOR THEIR PRODUCTION	LENTIKAT'S A.S	23/04/2010	DELHI
67	269097	3909/DELNP/2009	19/12/2007	22/12/2006	SELFBONDING ENAMELS BASED ON NEW POLYESTER AMIDE IMIDES AND POLYESTER AMIDES	E.I. DU PONT DE NEMOURS AND COMPANY	02/04/2010	DELHI
68	269098	2282/DELNP/2009	19/10/2007	02/11/2006	COMBINATION THERAPY OF SUBSTITUTED OXAZOLIDINONES	BAYER SCHERING PHARMA AKTIENGAESSELLSCH AFT	20/08/2010	DELHI
69	269102	845/DELNP/2007	02/05/2006	11/05/2005	POWER SUPPLY CONTROL DEVICE	TOYOTA JIDOSHA KABUSHIKI KAISHA	03/08/2007	DELHI
70	269103	1887/DEL/2008	08/08/2008 14:50:02	10/08/2007	A JOINT CONNECTOR AND AN ASSEMBLING METHOD THEREFOR	SUMITOMO, WIRING SYSTEMS, LTD.	03/04/2009	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	268927	224/MUMNP/2010	15/08/2008	31/08/2007	DISTILLATION OF IONIC LIQUIDS •	BASF SE	18/11/2011	MUMBAI
2	268929	181/MUMNP/2010	31/07/2008	02/08/2007	HIGH TEMPERATURE, HIGH PRESSURE ELECTROLYSER WITH ALLOThermal FUNCTIONING AND HIGH PRODUCTION CAPACITY	COMMISSARIAT A L'ENERGIE ATOMIQUE.	25/06/2010	MUMBAI
3	268933	2145/MUMNP/2008	26/02/2007	10/03/2006	REGENERATION OF ION EXCHANGERS THAT ARE USED FOR SALT REMOVAL FROM ACID GAS CAPTURE PLANTS	CANSOLV TECHNOLOGIES INC	16/01/2009	MUMBAI
4	268936	896/MUMNP/2009	10/12/2007	13/12/2006	METHOD AND APPARATUS FOR ALLOCATING NETWORK RESOURCES IN A GROUP COMMUNICATION SYSTEM •	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
5	268940	1646/MUMNP/2009	17/03/2008	22/03/2007	BANDWIDTH CONTROL FOR RETRIEVAL OF REFERENCE WAVEFORMS IN AN AUDIO DEVICE •	QUALCOMM INCORPORATED	30/04/2010	MUMBAI
6	268942	1302/MUMNP/2008	05/01/2007	05/01/2006	POWER CONTROL AND HANDOFF WITH POWER CONTROL COMMANDS AND ERASURE INDICATIONS	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
7	268947	52/MUMNP/2007	10/06/2005	16/06/2004	BENIGN INTERFERENCE SUPPRESSION FOR RECEIVED SIGNAL QUALITY ESTIMATION	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	07/12/2007	MUMBAI
8	268954	1981/MUMNP/2008	28/02/2007	28/02/2006	SOLAR CELL MARKING METHOD AND SOLAR CELL	Q-CELLS AG	16/01/2009	MUMBAI
9	268960	1288/MUM/2006	17/08/2006		MODULAR WELL FOR RAIN WATER HARVESTING	ATTARWALA HABIL,ATTARWALA YUSUFI	04/07/2008	MUMBAI
10	268985	430/MUMNP/2008	21/02/2006	22/08/2005	DC INDUCTION ELECTRIC MOTOR GENERATOR	BOJIUC, DUMITRU	21/03/2008	MUMBAI

11	268992	1097/MUMNP/2007	11/01/2006	26/01/2005	MULTI - LAYER FUEL CELL DIFFUSER	INTELLIGENT ENERGY LIMITED	12/10/2007	MUMBAI
12	268998	2101/MUM/2007	24/10/2007		A PROCESS FOR SYNTHESIS OF PARA PROPOXY ETHYL BENZOATE	GUJARAT ORGANICS LTD.	12/06/2009	MUMBAI
13	269000	742/MUM/2005	22/06/2005		NOVEL COMPOSITIONS FOR IMPROVED DELIVERY OF DRUGS WITH POOR AQUEOUS SOLUBILITY	NAGARSENKER MANGAL SHAILESH	17/08/2007	MUMBAI
14	269002	1789/MUMNP/2009	26/03/2008	27/03/2007	ARCHITECTURAL UNIT POSSESSING RAPID DEEP-SECTION CURE SILICONE RUBBER COMPONENT	MOMENTIVE PERFORMANCE MATERIALS INC.	03/01/2014	MUMBAI
15	269006	473/MUMNP/2009	29/08/2007	31/08/2006	PORTABLE DEVICE WITH PRIORITY BASED POWER SAVINGS CONTROL AND METHOD THEREOF •	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
16	269007	2543/MUM/2008	05/12/2008	04/12/2007	PROCEDURE FOR THE INTEGRATION DEVICE OBJECTS INTO AN OBJECT-BASED MANAGEMENT SYSTEM FOR FIELD DEVICES	CODEWRIGHTS GMBH	19/06/2009	MUMBAI
17	269019	108/MUM/2010	13/01/2010 19:10:21		A PHARMACEUTICAL COMPOSITION FOR TREATMENT OF RESPIRATORY TRACT INFECTIONS	TOYOCEM LABORATORIES	04/06/2010	MUMBAI
18	269022	2157/MUM/2009	17/09/2009 16:43:34		PROCESS FOR PREPARATION OF OLOPATADINE HYDROCHLORIDE	INDOCO REMEDIES LIMITED	10/06/2011	MUMBAI
19	269031	2558/MUM/2007	26/12/2007		A SYSTEM FOR MAINTAINING INTERCOOLER AIR TEMPERATURE DURING ENGINE TESTING	GAWANDE AVINASH ANANDRAO	03/07/2009	MUMBAI
20	269050	824/MUMNP/2009	05/10/2007	06/10/2006	ANTIMICROBIAL AND IMMUNOSTIMULATORY SYSTEM COMPRISING AN OXIDOREDUCTASE ENZYME	INSTITUTE OF TECHNOLOGY SLIGO	17/07/2009	MUMBAI
21	269052	1272/MUMNP/2009	04/12/2007	07/12/2006	METHOD FOR REDUCING THE EMISSION OF GREEN HOUSE GASES INTO THE ATMOSPHERE	BRUNO MICHAEL S.,BILAK ROMAN,ROTHENBURG LEO,DUSSEAUT MAURICE B	29/01/2010	MUMBAI
22	269053	728/MUMNP/2010	08/10/2008	15/10/2007	APPARATUS AND METHOD FOR MEASURING PARAMETERS IN INDUSTRIAL PROCESS	ROSEMOUNT INC.	27/08/2010	MUMBAI

23	269056	1538/MUM/2007	08/08/2007 16:35:14		A PROCESS FOR DETERMINATION OF COAL CHAR REACTIVITY AND COAL CHAR STRENGTH AFTER REDUCTION IN A SMELTING REDUCTION IRON MAKING PROCESS.	JSW STEEL LIMITED	29/05/2009	MUMBAI
24	269069	187/MUM/2005	21/02/2005		VENTILATION BOARD & METHOD FOR MANUFACTURING THEREOF	VINAY K MEHTA	15/09/2006	MUMBAI
25	269072	1754/MUMNP/2008	19/03/2007	17/03/2006	A METHOD AND AN APPARATUS FOR IMAGE PROCESSING	QUALCOMM INCORPORATED	10/10/2008	MUMBAI
26	269100	2213/MUM/2011	04/08/2011 15:39:48		A METHOD AND A SYSTEM FOR PRODUCING THERMOLABILE NANOPARTICLES WITH CONTROLLED PROPERTIES AND NANOPARTICALS MATRICES MADE THEREBY	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	08/02/2013	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	268968	5223/CHENP/2009	13/03/2008	14/03/2007	METHOD OF SUPPORTING HETEROGENEOUS MODE IN A WIRELESS COMMUNICATION SYSTEM	LG ELECTRONICS INC	13/11/2009	CHENNAI
2	268969	3218/CHENP/2006	19/02/2005	05/03/2004	NOVEL HERBICIDAL COMPOSITION COMPRISING SUBSTITUTED THIEN-3-YL-SULPHONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES AND 4-HPPD-INHIBITORS	BAYER CROPSCIENCE AG	06/07/2007	CHENNAI
3	268970	2842/CHENP/2007	18/11/2005	27/11/2004	DEVICE FOR MUCOSA RESECTION	ERBE ELEKTROMEDIZIN GMBH	07/09/2007	CHENNAI
4	268971	5747/CHENP/2007	03/05/2006	13/05/2005	A MULTI-POLE OR SINGLE-POLE SWITCH FOR LOW VOLTAGE SYSTEMS	ABB S.p.A.	13/06/2008	CHENNAI
5	268972	1319/CHENP/2008	14/09/2006	15/09/2005	CATALYTIC OLEFIN BLOCK COPOLYMERS WITH CONTROLLED BLOCK SEQUENCE DISTRIBUTION	DOW GLOBAL TECHNOLOGIES INC.	28/11/2008	CHENNAI
6	268973	2082/CHENP/2007	12/10/2005	15/10/2004	ACTIVE ENERGY RAY CURABLE RESIN COMPOSITION AND SHEET-LIKE OPTICAL ARTICLE	MITSUBISHI RAYON CO., LTD	07/09/2007	CHENNAI
7	268974	5114/CHENP/2007	07/03/2006	13/05/2005	BIOLOGICAL OBSERVATION APPARATUS	OLYMPUS CORPORATION	13/06/2008	CHENNAI
8	268976	1410/CHE/2006	07/08/2006	10/08/2005	PROCESS FOR SEPARATING META-XYLENE FROM HYDROCARBON FEED BY LIQUID PHASE ADSORPTION USING TETRALINE AS DESORBANT	INSTITUT FRANCAIS DU PETROLE	07/12/2007	CHENNAI

9	268978	2551/CHE/2009	22/10/2009	24/10/2008	GAS INSULATED CIRCUIT BREAKER SYSTEM AND GAS INSULATED CIRCUIT BREAKER MONITORING METHOD	KABUSHIKI KAISHA TOSHIBA	18/06/2010	CHENNAI
10	268979	5742/CHENP/2007	03/05/2006	13/05/2005	SWITCH ADAPTABLE TO DIFFERENT OPERATING CONFIGURATIONS AND IMPROVED AXIAL SUPPORT	ABB SERVICE S.R.L	27/06/2008	CHENNAI
11	268980	2833/CHE/2009	17/11/2009	30/12/2008	APPARATUS, SYSTEM, AND METHOD FOR PRECISE EARLY DETECTION OF AC POWER LOSS	INTERNATIONAL BUSINESS MACHINES CORPORATION	09/07/2010	CHENNAI
12	268986	1574/CHE/2008	27/06/2008 15:47:43	28/06/2007	TIMEPIECE WITH MOON PHASE INDICATOR	ETA SA MANUFACTURE HORLOGERE SUISSE	11/09/2009	CHENNAI
13	268987	2724/CHENP/2006	10/12/2004	22/12/2003	DERMALLY AFFIXED SENSOR DEVICE	HADV • RY, Paul ,HANSJ–RG, Tschirky	08/06/2007	CHENNAI
14	268988	3398/CHENP/2008	07/12/2006	07/12/2005	DETECTING LOOPS BETWEEN NETWORK DEVICES BY MONITORING MAC MOVES	LUCENT TECHNOLOGIES INC.	06/03/2009	CHENNAI
15	268989	5288/CHENP/2007	05/04/2006	31/05/2005	SUB-BAND VOICE CODEC WITH MULTI-STAGE CODEBOOKS AND REDUNDANT CODING	MICROSOFT CORPORATION	25/01/2008	CHENNAI
16	268990	5228/CHENP/2007	09/05/2006	09/05/2006	SOLAR POWERED LED STREET LAMP WITH AUTOMATIC LIGHT CONTROL	CHAN SZE KEUN	21/06/2013	CHENNAI
17	268993	5634/CHENP/2008	06/04/2007	14/04/2006	ARTICLE OF FOOTWEAR	LEE, Ka, Shek, Neville	20/03/2009	CHENNAI
18	268995	3319/CHE/2008	30/12/2008 16:49:15		MANUAL SEA WEED ALGAE JUICE EXTRACTOR	K.S.R. COLLEGE OF ENGINEERING	31/07/2009	CHENNAI
19	268996	4511/CHENP/2008	06/02/2007	02/03/2006	A TECHNIQUE FOR EFFICIENTLY AND DYNAMICALLY MAINTAINING BIDIRECTIONAL FORWARDING DETECTION ON A BUNDLE OF LINKS	CISCO TECHNOLOGY, INC	13/03/2009	CHENNAI
20	268997	1895/CHENP/2009	01/11/2007	01/11/2006	JOINT USE OF MULTI-CARRIER AND SINGLE-CARRIER MULTIPLEXING SCHEMES FOR WIRELESS COMMUNICATION	Qualcomm Incorporated	29/06/2012	CHENNAI

21	269005	1230/CHENP/2008	14/06/2006	13/09/2005	METHOD OF OPERATING AN ACTUATOR AND APPARATUS FOR CARRYING OUT THE METHOD	ROHM GMBH	28/11/2008	CHENNAI
22	269008	2948/CHENP/2009	20/12/2007	22/12/2006	METHOD AND DEVICE FOR REGION OF INTEREST VIDEO PROCESSING	QUALCOMM INCORPORATED	21/08/2009	CHENNAI
23	269026	3580/CHENP/2007	15/02/2006	16/02/2005	MODULAR CABLE HEAD FOR OPTICAL NETWORKS	3M INNOVATIVE PROPERTIES COMPANY	16/11/2007	CHENNAI
24	269027	259/CHE/2006	17/02/2006	19/02/2005	POLYMER POWDER WITH BLOCK POLYETHERAMIDE, AND MOLDINGS PREPARED THEREFROM	EVONIK DEGUSSA GMBH	28/11/2008	CHENNAI
25	269028	2163/CHENP/2008	26/10/2006	02/11/2005	OPTICAL SYSTEM FOR 3-DIMENSIONAL DISPLAY AND METHOD FOR APPLYING OPTICAL DEPTH INFORMATION TO TWO-DIMENSIONAL IMAGE	KONINKLIJKE PHILIPS ELECTRONICS N.V	28/11/2008	CHENNAI
26	269030	1058/CHENP/2008	17/08/2006	17/08/2005	IMPLANTABLE CARTILAGINOUS TISSUE REPAIR DEVICE	OXFORD BIOMATERIALS LTD	12/09/2008	CHENNAI
27	269045	1004/CHE/2006	09/06/2006		A METHOD AND SYSTEM FOR INPUT VOLTAGE DROOP COMPENSATION IN VIDEO/GRAPHICS FRONT-ENDS	CADENCE AMS DESIGN INDIA PRIVATE LIMITED	14/12/2007	CHENNAI
28	269048	5176/CHENP/2007	10/05/2006	17/05/2005	A POSITION TRANSDUCER AND A METHOD OF DETERMINING POSITION THEREOF	PETROLEO BRASILEIRO S.A- PETROBRAS,Pontificia Universidade Catolica do Rio de Janeiro	11/01/2008	CHENNAI
29	269058	1178/CHE/2005	25/08/2005		IMPROVED PROCESS FOR THE PREPARATION OF CARBAPENEM ANTIBIOTIC	HOSPIRA,INC	27/07/2007	CHENNAI
30	269063	818/CHENP/2011	07/07/2009	10/07/2008	BIOSENSOR UTILIZING DNA AS ELEMENT	UTSUNOMIYA UNIVERSITY	02/12/2011	CHENNAI
31	269073	5240/CHENP/2010	26/01/2009	28/01/2008	HEAT TREATED GALVANNEALED STEEL MATERIAL AND A METHOD FOR ITS MANUFACTURE	NIPPON STEEL & SUMITOMO METAL CORPORATION	18/03/2011	CHENNAI
32	269081	1502/CHE/2010	01/06/2010	03/06/2009	STEAM-HYDROCARBON REFORMING WITH REDUCED CARBON DIOXIDE EMISSIONS	AIR PRODUCTS AND CHEMICALS, INC.	14/01/2011	CHENNAI

33	269084	6525/CHENP/2008	31/01/2007	28/06/2006	DECOLORING AGNET FOR FATS AND OILS OR MINERAL OILS	MIZUSAWA INDUSTRIAL CHEMICALS, LTD.	27/03/2009	CHENNAI
34	269087	299/CHENP/2008	13/07/2006	19/07/2005	MICROCAVITY-CONTAINING RESILIENT, THERMOPLASTIC FOAM, COMPOSITE OF SUCH FOAM AND PARTICLES, METHODS OF PREPARING AND ARTICLES PREPARED FROM SAME	DOW GLOBAL TECHNOLOGIES LLC	19/09/2008	CHENNAI
35	269094	5871/CHENP/2008	27/04/2007	28/04/2006	INSECTICIDE COMPRISING PYRETHROIDS	CEVA ANIMAL HEALTH, LLC	27/03/2009	CHENNAI
36	269096	423/CHENP/2008	14/07/2006	27/07/2005	A SELECTIVE HYDROGENATION CATALYST AND METHODS OF MAKING AND USING SAME	CHEVRON PHILLIPS CHEMICAL COMPANY LP	19/09/2008	CHENNAI
37	269105	947/CHENP/2009	12/09/2007	15/09/2006	METHOD AND APPARATUS FOR SERVICE CAPABILITY MODIFICATION	QUALCOMM Incorporated	21/08/2009	CHENNAI

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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	268926	550/KOLNP/2007	06/09/2005	09/09/2004	DISTRIBUTOR OF HOT FEED MATERIAL	OUTOKUMPU TECHNOLOGY OYJ	06/07/2007	KOLKATA
2	268930	1352/KOL/2007	01/10/2007	18/10/2006	A PROCESS FOR MAKING A NONWOVEN WEB	POLYMER GROUP, INC.	16/05/2008	KOLKATA
3	268932	107/KOLNP/2009	16/07/2007	18/07/2006	DEVICE FOR CONNECTING AN ELECTRIC MOTOR INTENDED FOR USE IN A FUEL TANK, IN PARTICULAR OF A MOTOR VEHICLE	CONTINENTAL AUTOMOTIVE GMBH	03/04/2009	KOLKATA
4	268934	3348/KOLNP/2007	18/04/2006	18/04/2005	SWITCH DISCONNECTOR AND SWITCHGEAR ASSEMBLY WITH A SWITCH DISCONNECTOR	ABB TECHNOLOGY AG	23/05/2008	KOLKATA
5	268935	295/KOLNP/2009	27/06/2007	27/06/2006	LUMINESCENT COMPOSITION	SWISS AUTHENTICATION GMBH, SWISS AUTHENTICATION RESEARCH AND DEVELOPMENT AG	08/05/2009	KOLKATA
6	268941	2099/KOLNP/2009	17/09/2007	06/11/2006	METHOD, SYSTEM AND APPARATUS FOR IMPLEMENTING THE CONVERSION BETWEEN RING-BACK TONE AND BELL SOUND	HUAWEI TECHNOLOGIES CO., LTD.	26/06/2009	KOLKATA
7	268943	471/KOL/2008	06/03/2008	11/05/2007	SIMPLIFIED AUTOMATIC DISCHARGE FUNCTION FOR VEHICLES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
8	268945	2053/KOL/2008	25/11/2008 16:19:30	29/11/2007	METHOD, SYSTEM AND APPARATUS FOR COLLECTING USER INFORMATION	HUAWEI TECHNOLOGIES CO., LTD.	12/06/2009	KOLKATA

9	268946	986/KOLNP/2009	06/09/2007	21/09/2006	GROUPING OF USER TERMINAL CELL ACCESS INFORMATION IN A SYSTEM INFORMATION BLOCK	INFINEON TECHNOLOGIES AG	22/05/2009	KOLKATA
10	268948	3871/KOLNP/200 7	12/05/2006	13/05/2005	METHOD AND APPARATUS FOR IMPROVING OPERATIONAL RELIABILITY DURING A LOSS OF A PHASE VOLTAGE	ABB TECHNOLOGY AG	31/10/2008	KOLKATA
11	268949	501/KOLNP/2010	08/08/2007	08/08/2007	A METHOD FOR REMOVING THE CONTAMINATION OF C, N UTILIZING HETEROTROPHIC AMMONIA- OXIDIZING BACTERIA	PENG, GUANGHAO	14/05/2010	KOLKATA
12	268951	14/KOL/2007	03/01/2007 15:35:47	19/01/2006	APPARATUS ON A SPINNING PREPARATION MACHINE, ESPECIALLY A FLAT CARD, ROLLER CARD OR SIMILAR, FOR MONITORING AND /OR ADJUSTING CLEARANCES AT COMPONENTS	TRUTZSCHLER GMBH & CO.KG.	14/09/2007	KOLKATA
13	268952	687/KOL/2006	10/07/2006	13/07/2005	VIDEO ERROR CONCEALMENT METHOD.	POLYCOM , INC.	29/06/2007	KOLKATA
14	268953	131/KOL/2007	31/01/2007 17:04:49	30/01/2006	DISTRIBUTED DIAGNOSTICS ARCHITECTURE.	GM GLOBAL TECHNOLOGY OPERATIONS, INC	21/09/2007	KOLKATA
15	268955	468/KOLNP/2008	03/08/2006	30/08/2005	A METHOD FOR DECODING AN AUDIO SIGNAL	LG ELECTRONICS INC.	08/08/2008	KOLKATA
16	268956	1596/KOLNP/200 9	14/04/2008	17/04/2007	GENERATION OF DECORRELATED SIGNALS	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E. V.	29/05/2009	KOLKATA
17	268958	732/KOLNP/2008	24/08/2006	31/08/2005	METHOD AND APPARATUS FOR CROSS PAGING IN A MULTI-NETWORK COMMUNICATION SYSTEM	MOTOROLA MOBILITY INC.	21/11/2008	KOLKATA
18	268959	75/KOLNP/2008	21/07/2006	21/07/2005	MODULAR FIELDBUS SEGMENT PROTECTOR	PEPPERL & FUCHS (DE)	05/12/2008	KOLKATA

19	268962	2893/KOLNP/2008	16/01/2007	18/01/2006	AN INJECTABLE POLYMERIC COMPOSITION WITH ENHANCED STABILITY AND METHOD FOR PRODUCING SAME	FORESEE PHARMACEUTICALS CO. LTD.	06/02/2009	KOLKATA
20	268967	1388/KOLNP/2009	18/10/2007	25/10/2006	DISCONNECTION ARRANGEMENT AND METHOD FOR OPERATION OF A DISCONNECTION ARRANGEMENT	SIEMENS AKTIENGESELLSCHAFT	29/05/2009	KOLKATA
21	269004	729/KOL/2008	17/04/2008	24/04/2007	A DEVICE INCLUDING A LENS ARRAY	L'OREAL	05/06/2009	KOLKATA
22	269009	82/KOLNP/2009	19/07/2007	24/07/2006	MODIFIED CONJUGATED DIENE POLYMER AND PROCESS FOR PRODUCING THEREOF	ASAHI KASEI CHEMICALS CORPORATION	03/04/2009	KOLKATA
23	269013	964/KOL/2008	29/05/2008		PRODCUTION OF POTASSIUM RICH ORGANIC FERTILIZER FROM TANNERY EFFLUENT	INDIAN INSTITUTE OF TECHNOLOGY	04/12/2009	KOLKATA
24	269023	3686/KOLNP/2007	21/03/2006	23/03/2005	PATCH ANTENNA WITH ELECTROMAGNETIC SHIELD COUNTERPOISE	KYOCERA WIRELESS CORP	27/06/2008	KOLKATA
25	269024	271/KOLNP/2009	03/09/2007	04/09/2006	PROCESS FOR PRODUCTION OF OPTICALLY ACTIVE AMINOPHOSPHINYL BUTANOIC ACID	MEIJI SEIKA PHARMA CO. LTD,TAKASAGO INTERNATIONAL CORPORATION	08/05/2009	KOLKATA
26	269029	3132/KOLNP/2008	01/09/2006	27/01/2006	EFFICIENT FILTERING WITH A COMPLEX MODULATED FILTERBANK	DOLBY INTERNATIONAL AB,	06/02/2009	KOLKATA
27	269032	4964/KOLNP/2008	24/03/2007	30/06/2006	DISPLAY STACK-UP FOR A MOBILE ELECTRONIC DEVICE HAVING INTERNAL AND EXTERNAL DISPLAYS	GOOGLE TECHNOLOGY HOLDINGS LLC	20/03/2009	KOLKATA
28	269033	260/KOLNP/2007	25/08/2005	27/08/2004	A FRICTION TYPE DRAFT GEAR ASSEMBLY HAVING LONG BUFF AND SHORT DRAFT TRAVEL FOR USE IN A 24.625 INCHES POCKET	WABTEC HOLDING CORPORATION	29/06/2007	KOLKATA

29	269034	853/KOL/2008	08/05/2008	28/06/2007	MULTIPLE PATH AIR MASS FLOW SENSOR ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
30	269035	1196/KOL/2007	30/08/2007	01/09/2006	TORQUE CONVERTER CLUTCH SLIP CONTROL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	18/04/2008	KOLKATA
31	269036	1221/KOL/2007	31/08/2007	05/09/2006	A HUMIDITY BASED CONTROL SYSTEM AND METHOD OF CALIBRATING THE SAME	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	18/04/2008	KOLKATA
32	269037	4426/KOLNP/2008	30/05/2007	31/05/2006	TIRE VULCANIZING APPARATUS	SUMITOMO RUBBER INDUSTRIES, LTD.	13/03/2009	KOLKATA
33	269038	696/KOL/2008	09/04/2008	07/05/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
34	269041	156/KOL/2006	21/02/2006		A SYSTEM FOR COAL CARBONIZATION AUTOMATION AND PROCESS CONTROL IN PILOT COKE OVEN	STEEL AUTHORITY OF INDIA LIMITED	31/08/2007	KOLKATA
35	269044	675/KOL/2008	03/04/2008	07/05/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
36	269046	56/KOL/2005	31/01/2005		A PROCESS FOR MANUFACTURING HEAT TREATED ALLOYED GRAY CAST IRON TOP PINCH ROLL SHELL FOR HOT STRIP ROLLING,THE METHOD OF PREPARING SUCH ALLOY AND THE ALLOY THEREOF	STEEL AUTHORITY OF INDIA LIMITED	17/11/2006	KOLKATA
37	269047	4062/KOLNP/2010	23/04/2009	29/04/2008	METHOD AND APPARATUS FOR CARBONYLATING METHANOL WITH AECTIC ACID ENRICHED FLASH STREAM	CELANESE INTERNATIONAL CORPORATION	25/11/2011	KOLKATA
38	269049	1257/KOL/2007	05/09/2007		INTRAVENOUS CATHETER INTRODUCING DEVICE	MING-JENG SHUE,DEBORAH HUANG,PHILLIP SHUE	03/04/2009	KOLKATA
39	269054	379/KOLNP/2007	26/08/2005	27/08/2004	DEVICE AND METHOD FOR HANDLING METAL SHEETS	OUTOKUMPU TECHNOLOGY OYJ	06/07/2007	KOLKATA
40	269055	1456/KOLNP/2009	10/10/2007	24/10/2006	PROCEDURE FOR NON SYNCHRONIZED RADIO ACCESS (NSRA) RESOURCE ASSIGNMENT	LG ELECTRONICS INC.	29/05/2009	KOLKATA

41	269065	723/KOLNP/2008	28/07/2006	29/07/2005	HIGH TEMPARATURE SUPERCONDUCTING WIRES AND COILS	AMERICAN SUPERCONDUCTOR CORPORATION	17/04/2009	KOLKATA
42	269067	3703/KOLNP/2006	14/05/2004	14/05/2004	METHOD AND DEVICES FOR DUPLICATED PACKETS IDENTIFICATION DURING HANDOVER	TELEFONAKTIEBOLAGET LM ERICSSON	15/06/2007	KOLKATA
43	269070	3291/KOLNP/2007	25/03/2006	08/04/2005	MODULE REAR WALL FOR A SWITCHGEAR ASSEMBLY MODULE, SWITCHGEAR ASSEMBLY MODULE AND ELECTRICAL SWITCHGEAR ASSEMBLY	ABB PATENT GMBH	31/10/2008	KOLKATA
44	269071	3294/KOLNP/2007	25/03/2006	07/04/2005	ELECTRICAL SWITCHGEAR ASSEMBLY	ABB PATENT GMBH	31/10/2008	KOLKATA
45	269080	2152/KOLNP/2006	27/01/2005	30/01/2004	POROUS CELLULOSE AGGREGATE AND FORMED SUBSTRATE CAPABLE OF LASER SCULPTURE	ASAHI KASEI CHEMICALS CORPORATION	18/05/2007	KOLKATA
46	269089	734/KOLNP/2010	08/11/2007	08/11/2007	METHOD FOR MANUFACTURING A THREE-Dimensionally DEFORMABLE, SHEET-LIKE REINFORCING STRUCTURE	ESC EXTENDED STRUCTURED COMPOSITES GMBH & CO. KG	06/08/2010	KOLKATA
47	269092	569/KOL/2008	20/03/2008		AN IMPROVED INSULATION AND A PROCESS FOR MAKING THEREOF	BHARAT HEAVY ELECTRICALS LIMITED	25/09/2009	KOLKATA
48	269093	2436/KOLNP/2009	28/12/2007	05/01/2007	STORAGE AND DISPENSING DEVICES FOR ADMINISTRATION OF ORAL TRANSMUCOSAL DOSAGE FORMS	ACELRX PHARMACEUTICALS, INC.	24/07/2009	KOLKATA
49	269099	4592/KOLNP/2007	02/06/2006	03/06/2005	METHOD AND PROBE FOR MEASURING THE IMPEDANCE OF HUMAN OR ANIMAL BODY TISSUE	SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST,THE UNIVERSITY OF SHEFFIELD	02/01/2009	KOLKATA
50	269101	1828/KOLNP/2009	06/11/2007	24/11/2006	KETOMETHIONINE KETALS AND THEIR DERIVATIVES	EVONIK DEGUSSA GMBH	12/06/2009	KOLKATA

CONTINUED TO PART-3

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.

CANCELLATION PROCEEDINGS
under Section 19 (1) of the Designs Act, 2000 &
Designs (Amendment) Rules, 2008

(01)

“**Sohum Autogas Systems Pvt. Ltd.**, having office at Shed No. 1 & 2, Mauli Industrial Estate, Sr. No. 28/28, 28/29, Tal, Haveli, Dhayri, Narhe, Pune - 411041 has filed a petition (**Petition No.Can/019/2015**) on 16/4/2015 for cancellation of registration of registered Design No. **251772** dated 19/2/2013 under class 29-99 titled as ‘Gas Safety Device’ in the name of **Surendra Khandelwal**, an Indian citizen, proprietor of SP Combined, an Indian proprietorship firm at 306, Balaji Corporate, 19/1, New Palasia, Indore (M.P.) Pin-452001, India.”

(02)

“**Dhaval H. Patel**, Director of Varmora Plastech Private Limited having its registered office at Plot No.3, Survey/Block No. 86, PO. Vasna Chacharvadi, near Divya Bhaskar Press, Bavla – Changodar – Ahmedabad Highway, Tal: Sanand, District: Ahmedabad – 382213, Gujarat India has filed a petition (**Petition No.Can/035/2015**) on 7/7/2015 for cancellation of registration of registered Design No. **259110** dated 30/12/2013 under class 06-03 titled as ‘Table’ in the name of **The Supreme Industries Ltd.**, (an Indian public limited company), 601 Central Plaza, 2/6, Sarat Bose Road, Kolkata – 700020, West Bengal, India.”

(03)

“**Dhaval H. Patel**, Director of Varmora Plastech Private Limited having its registered office at Plot No.3, Survey/Block No. 86, PO. Vasna Chacharvadi, near Divya Bhaskar Press, Bavla – Changodar – Ahmedabad Highway, Tal: Sanand, District: Ahmedabad – 382213, Gujarat India has filed a petition (**Petition No.Can/036/2015**) on 7/7/2015 for cancellation of registration of registered Design No. **259518** dated 20/01/2014 under class 06-03 titled as ‘Table Top’ in the name of **The Supreme Industries Ltd.**, (an Indian public limited company), 601 Central Plaza, 2/6, Sarat Bose Road, Kolkata – 700020, West Bengal, India.”

(04)

“**Dhaval H. Patel**, Director of Varmora Plastech Private Limited having its registered office at Plot No.3, Survey/Block No. 86, PO. Vasna Chacharvadi, near Divya Bhaskar Press, Bavla – Changodar – Ahmedabad Highway, Tal: Sanand, District: Ahmedabad – 382213, Gujarat India has filed a petition (**Petition No.Can/037/2015**) on 7/7/2015 for cancellation of registration of registered Design No. **259521** dated 21/01/2014 under class 06-01 titled as ‘Table Base’ in the name of **The Supreme Industries Ltd.**, (an Indian public limited company), 601 Central Plaza, 2/6, Sarat Bose Road, Kolkata – 700020, West Bengal, India.”

(05)

“**Tirth Agro Technology Pvt. Ltd.**, a company incorporated under the Indian Companies Act, having its registered office at Shaktiman, Survey No.108/1, Plot No. B, National Highway No.27, Nr. Bharudi Toll Plaza, Bhunava (Village), Tal: Gondal, Rajkot 360311, Gujarat, India filed a petition on 03/09/2015 (**Petition No. Can/042/2015**) for cancellation of registration of registered Design No. **232943** dated 02/12/2010 under Class 15-03 titled as “Sugar Cane Harvester” in the name of **New Holland Fiat (India) Pvt. Ltd.**, of the address: 303 Central Plaza, C.S.T. Road, Kalina, Mumbai – 400098, Maharashtra, India.”

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	203662	08.09.2015
2.	202549	10.09.2015
3.	199527	22.09.2015
4.	199755	23.09.2015
5.	202727	23.09.2015
6.	202462	23.09.2015
7.	202615	23.09.2015
8.	200037	22.09.2015
9.	204049	22.09.2015
10.	194317	28.09.2015

RESTORATION OF LAPSED DESIGNS
UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000

An application made under Section 12 (2) of the Designs act, 2000 on **30.07.2014**, for Restoration of **Design No.194317 dated 16.01.2004** in the name of **BIKASH CHOUDHURY, S/O SRI SHIV KUMAR CHOUDHURY, R/O 26, MAI JI KI BAGIA, BARACHAND GANJ, NEAR KAPOORTHALA, LUCKNOW (U.P.) INDIA, BY NATIONALITY INDIAN OF ABOVE ADDRESS** 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

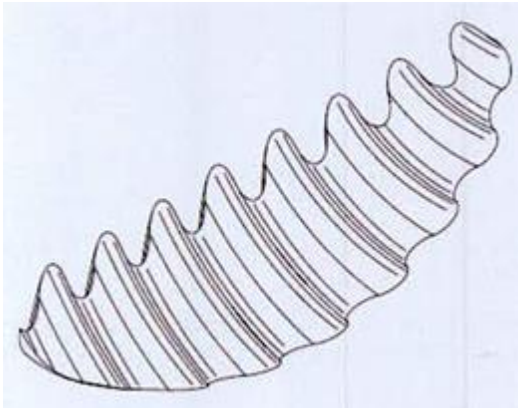
DESIGN NUMBER	268434	
CLASS	08-05	
1)G. RAVIKUMAR, AERDC, HAL, DESIGN COMPLEX, C V R NAGAR PO, BENGALURU-560093. INDIAN NATIONAL		
DATE OF REGISTRATION	26/12/2014	
TITLE	FILTER HOUSING HEAT EXCHANGER REMOVAL TOOL FOR AERO ENGINE COMPONENT	
PRIORITY NA		

DESIGN NUMBER	269155	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

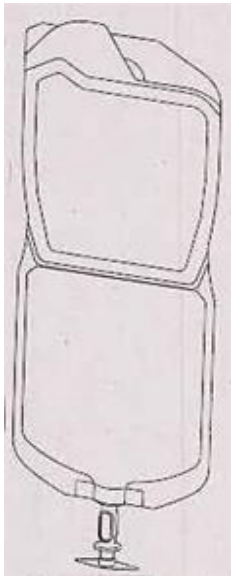
DESIGN NUMBER	270977	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

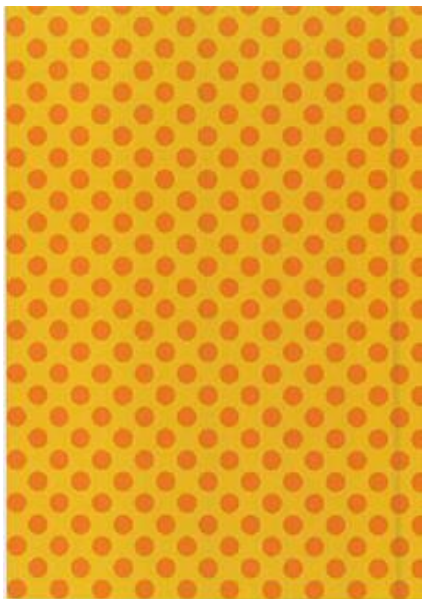
DESIGN NUMBER	271065	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271112	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

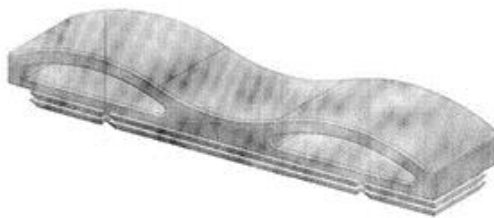
DESIGN NUMBER	267844	
CLASS	01-02	
1)MCCAIN FOODS LIMITED, A CANADIAN COMPANY, 8800 MAIN STREET, FLORENCEVILLE-BRISTOL, NEW BRUNSWICK E7L 1B2, CANADA		
DATE OF REGISTRATION	01/12/2014	
TITLE	ROOT VEGETABLE PRODUCT	
PRIORITY NA		

DESIGN NUMBER	270481			
CLASS	09-07			
1)SH. SHAMBHU DAYAL AGARWAL, A-204, MANAV APPARTMENT, SECTOR-9, ROHINI, DELHI-110085, (INDIA) AN INDIAN NATIONAL OF THE ABOVE ADDRESS				
DATE OF REGISTRATION	20/03/2015			
TITLE	LID FOR WATER TANK			
PRIORITY NA				

DESIGN NUMBER	269136			
CLASS	24-04			
1)NIPRO CORPORATION, OF 9-3, HONJO-NISHI 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 531-8510, JAPAN, A JAPANESE COMPANY				
DATE OF REGISTRATION	28/01/2015			
TITLE	MEDICAL CONTAINER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2014-017118		06/08/2014	JAPAN	

DESIGN NUMBER	271123			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	270992			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	263571			
CLASS	10-05			
1)TINTOMETER GMBH, OF THE ADDRESS: SCHLEEFSTR. 8A, D-44287, DORTMUND, ALEMANIA, GERMANY, OF GERMAN NATIONALITY				
DATE OF REGISTRATION	20/06/2014			
TITLE	LID FOR WATER TESTING COMPARATOR			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002375287-0002	20/12/2013	OHIM		

DESIGN NUMBER	271070			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	271117	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267943	
CLASS	07-04	
1)RISHI METAL (AN INDIAN SOLE PROPRIETORSHIP CONCERN) HAVING OFFICE AT GALA NO. 5, ADARSH IND. ESTATE, B.P. X. ROAD, NEAR ASHOK BHAVAN BUILDING, BHAYANDER (EAST), THANE-401105, MAHARASHTRA, INDIA. WHOSE PROPRIETOR IS MANOJ KUMAR SHAH (INDIAN NATIONAL) OF ABOVE ADDRESS		
DATE OF REGISTRATION	05/12/2014	
TITLE	GLASS (UTENSILS)	
PRIORITY NA		

DESIGN NUMBER	268328	
CLASS	23-02	
1)TOTO LTD., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS 1-1, NAKASHIMA 2-CHOME, KOKURAKITA-KU, KITAKYUSHU-SHI, FUKUOKA 802-8601, JAPAN		
DATE OF REGISTRATION	22/12/2014	
TITLE	BATHTUB	
PRIORITY NA		

DESIGN NUMBER	268593	
CLASS	09-05	
1)DR. REDDY'S LABORATORIES LIMITED, 8-2-337, ROAD NO. 3, BANJARA HILLS, HYDERABAD, TELANGANA, INDIA-500034		
DATE OF REGISTRATION	01/01/2015	
TITLE	TUBE	
PRIORITY NA		

DESIGN NUMBER	269576	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	12/02/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	272242	
CLASS	30-03	
1)UDIT AGARWAL, AN INDIAN CITIZEN, C/O GANGA SANITARY STORE, STATION ROAD, MORADABAD-244001, UP, INDIA		
DATE OF REGISTRATION	20/05/2015	
TITLE	BOWL FOR PETS	
PRIORITY NA		

DESIGN NUMBER	269150		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	29/01/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

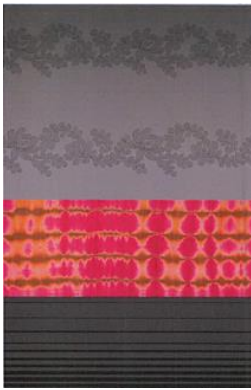
DESIGN NUMBER	271136		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	07/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	268484		
CLASS	24-02		
1)APTAR FRANCE SAS, A FRENCH COMPANY, OF LE PRIEURÉ BPG, 27110 LE NEUBOURG, FRANCE			
DATE OF REGISTRATION	30/12/2014		
TITLE	MEDICINE INJECTOR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002501262-0003	11/07/2014	OHIM	

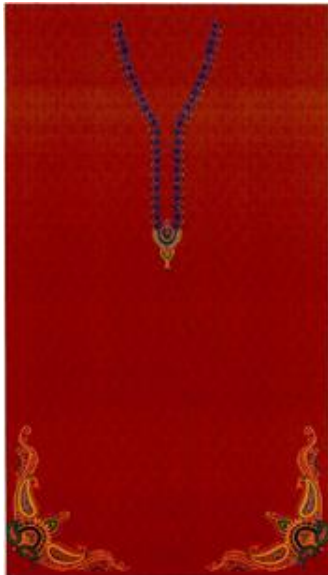
DESIGN NUMBER	269176			
CLASS	24-02			
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF MITTELSTRASSE 8, 78532 TUTTLINGEN, GERMANY				
DATE OF REGISTRATION	29/01/2015			
TITLE	EXOSCOPE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002519892-0001	14/08/2014	OHIM		

DESIGN NUMBER	271001			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

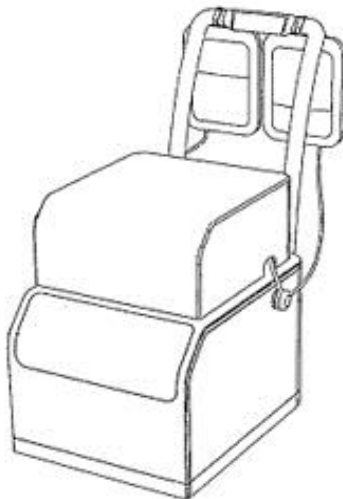
DESIGN NUMBER	271073			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	271120	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	270993	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

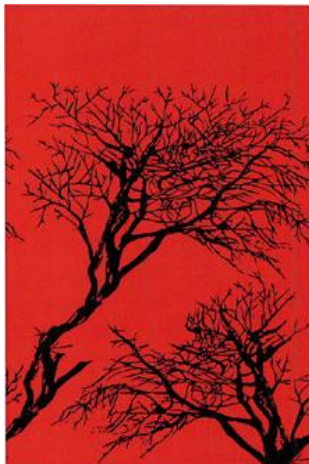
DESIGN NUMBER	271071	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271118	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	269333	
CLASS	24-01	
1)GENERAL ELECTRIC COMPANY, A US COMPANY OF 1 RIVER ROAD, SCHENECTADY, 12345 NEW YORK, U.S.A.		
DATE OF REGISTRATION	05/02/2015	
TITLE	BIOREACTOR FOR CELL CULTIVATION	
PRIORITY NA		

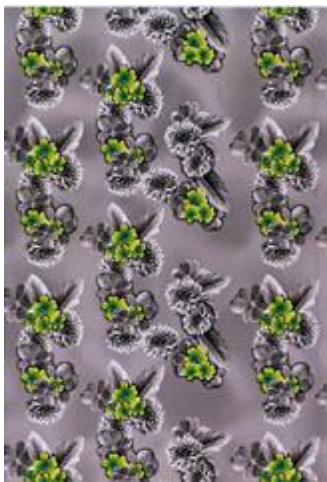
DESIGN NUMBER	271020	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	241665	
CLASS	12-11	
1)ARIHANT WHEELS & CYCLES PRIVATE LIMITED AL-20, SECTOR-13, GIDA, PO-SAHAJANWA, GORAKHPUR, U.P., (INDIA)		
DATE OF REGISTRATION	22/12/2011	
TITLE	FRAME FOR BICYCLE	
PRIORITY NA		

DESIGN NUMBER	269142	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

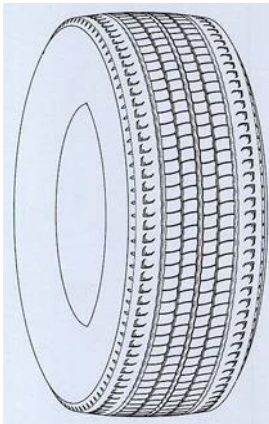
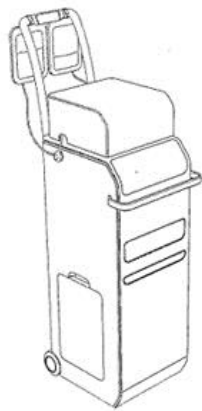
DESIGN NUMBER	271127	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267944	
CLASS	07-04	
1)RISHI METAL (AN INDIAN SOLE PROPRIETORSHIP CONCERN) HAVING OFFICE AT GALA NO. 5, ADARSH IND. ESTATE, B.P. X. ROAD, NEAR ASHOK BHAVAN BUILDING, BHAYANDER (EAST), THANE-401105, MAHARASHTRA, INDIA. WHOSE PROPRIETOR IS MANOJ KUMAR SHAH (INDIAN NATIONAL) OF ABOVE ADDRESS.		
DATE OF REGISTRATION	05/12/2014	
TITLE	GLASS (UTENSILS)	
PRIORITY NA		
DESIGN NUMBER	272245	
CLASS	28-03	
1)JUDIT AGARWAL, AN INDIAN CITIZEN, C/O GANGA SANITARY STORE, STATION ROAD, MORADABAD-244001, UP, INDIA		
DATE OF REGISTRATION	20/05/2015	
TITLE	BATH CANISTER	
PRIORITY NA		
DESIGN NUMBER	271104	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271137	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	243069	
CLASS	09-01	
1)SHEKHAR CHAURASIA, SOLE PROPRIETOR, TRADING AS M/S. SAKUNTALA PRODUCT D-26, CHANDPUR INDUSTRIAL ESTATE, VARANASI, U. P., INDIA		
DATE OF REGISTRATION	14/02/2012	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	267911	
CLASS	23-04	
1)USHA INTERNATIONAL LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT SURYA KIRAN BUILDING, 19 KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA		
DATE OF REGISTRATION	04/12/2014	
TITLE	FAN	
PRIORITY NA		

DESIGN NUMBER	268308			
CLASS	12-15			
1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, A FRENCH COMPANY OF 12 COURS SABLON- F-63000, CLERMONT-FERRAND, FRANCE, AND MICHELIN RECHERCHE ET TECHNIQUE S.A., A SWISS COMPANY OF ROUTE LOUIS- BRAILLE 10 - CH-1763 GRANGES-PACCOT, SWITZERLAND				
DATE OF REGISTRATION	19/12/2014			
TITLE	TYRE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
14/2848		23/06/2014	FRANCE	
DESIGN NUMBER	269334			
CLASS	24-01			
1)GENERAL ELECTRIC COMPANY, A US COMPANY OF 1 RIVER ROAD, SCHENECTADY, 12345 NEW YORK, U.S.A.				
DATE OF REGISTRATION	05/02/2015			
TITLE	BIOREACTOR WITH CART			
PRIORITY NA				
DESIGN NUMBER	269143			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	29/01/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	271128			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	268485			
CLASS	01-01			
1)M/S. V. K. HOME SOLUTIONS (P) LTD. (A COMPANY DULY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956), ATSALIA SHAHJAHANPUR U.P.				
DATE OF REGISTRATION	30/12/2014			
TITLE	RICE PUFF			
PRIORITY NA				

DESIGN NUMBER	269178			
CLASS	07-02			
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION	29/01/2015			
TITLE	HALOPLATE FOR COOKING			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002515395-0001	06/08/2014	OHIM		

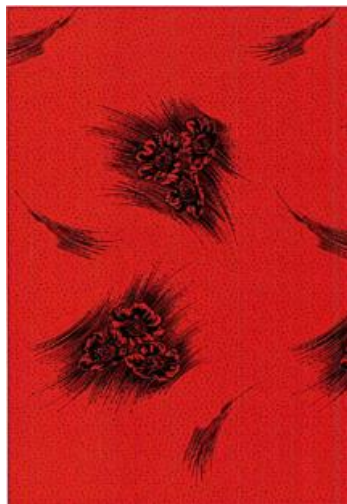
DESIGN NUMBER	271005	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271074	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271121	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267945		
CLASS	07-01		
1)RISHI METAL (AN INDIAN SOLE PROPRIETORSHIP CONCERN) HAVING OFFICE AT GALA NO. 5, ADARSH IND. ESTATE, B.P. X. ROAD, NEAR ASHOK BHAVAN BUILDING, BHAYANDER (EAST), THANE- 401105, MAHARASHTRA, INDIA. WHOSE PROPRIETOR IS MANOJ KUMAR SHAH (INDIAN NATIONAL) OF ABOVE ADDRESS.			
DATE OF REGISTRATION	05/12/2014		
TITLE	BOWL (UTENSILS)		
PRIORITY NA			
DESIGN NUMBER	268776		
CLASS	06-02		
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIMUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY			
DATE OF REGISTRATION	12/01/2015		
TITLE	BED		
PRIORITY NA			
DESIGN NUMBER	270961		
CLASS	05-05		
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074			
DATE OF REGISTRATION	06/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	269152	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271105	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271138	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	270997	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271072	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271119	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267965	
CLASS	09-03	
1)STC INDIA PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 AND HAVING OFFICE AT A-505, 5TH FLOOR, WESTERN EDGE II, WESTERN EXPRESS HIGHWAY, BORIVALI (E), MUMBAI-66		
DATE OF REGISTRATION	05/12/2014	
TITLE	CONTAINER	
PRIORITY NA		

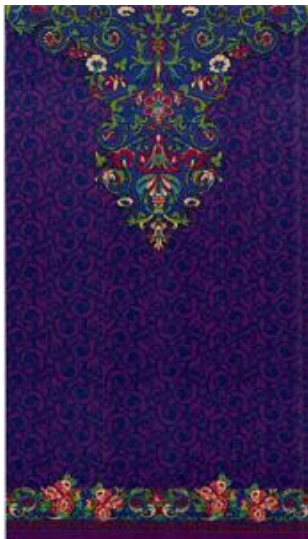
DESIGN NUMBER	268433	
CLASS	08-05	
1)G. RAVIKUMAR, AERDC, HAL, DESIGN COMPLEX, C V R NAGAR PO, BENGALURU-560093. INDIAN NATIONAL		
DATE OF REGISTRATION	26/12/2014	
TITLE	FILTER HOUSING THREAD ASSEMBLY TOOL FOR AERO ENGINE COMPONENT	
PRIORITY NA		

DESIGN NUMBER	268785	
CLASS	06-03	
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIIUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY		
DATE OF REGISTRATION	12/01/2015	
TITLE	DINING TABLE	
PRIORITY NA		

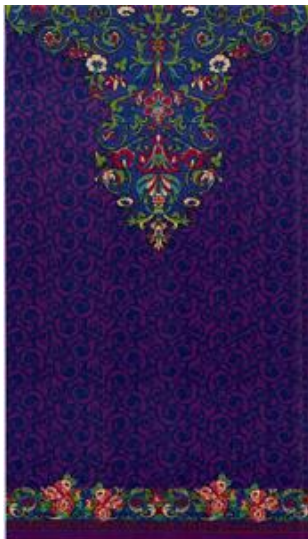
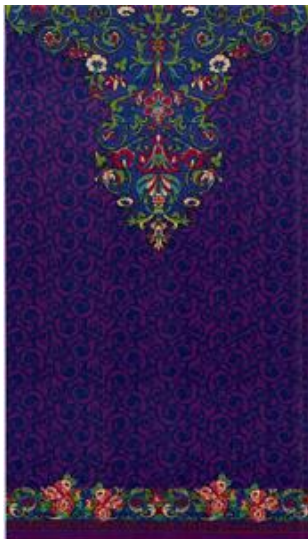
DESIGN NUMBER	269154		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	29/01/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

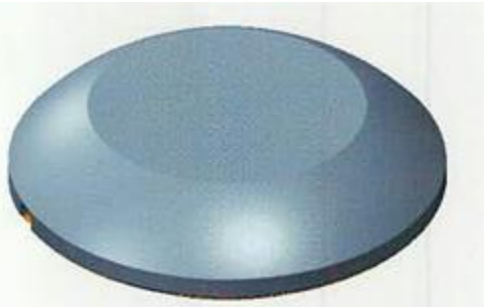
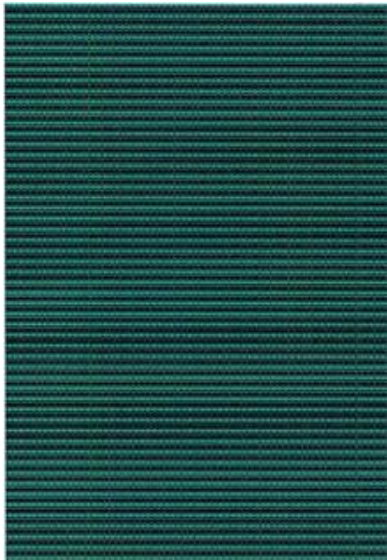
DESIGN NUMBER	270976		
CLASS	05-05		
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074			
DATE OF REGISTRATION	06/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	270171		
CLASS	15-99		
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY			
DATE OF REGISTRATION	09/03/2015		
TITLE	CRUSHER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001420889	18/09/2015	OHIM	

DESIGN NUMBER	271064	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271111	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	268486	
CLASS	01-01	
1)M/S. V. K. HOME SOLUTIONS (P) LTD. (A COMPANY DULY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956), ATSALIA SHAHJAHANPUR U.P.		
DATE OF REGISTRATION	30/12/2014	
TITLE	RICE PUFF	
PRIORITY NA		

DESIGN NUMBER	269705		
CLASS	14-03		
1)MEIZU TECHNOLOGY CO., LTD., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF P.R.CHINA OF MEIZU TECHNOLOGY BUILDING, TECHNOLOGY & INNOVATION COAST, ZHUHAI CITY, GUANGDONG PROVINCE, 519085 PEOPLE REPUBLIC OF CHINA			
DATE OF REGISTRATION	20/02/2015		
TITLE	MOBILE PHONE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201430317308.X	29/08/2014	CHINA	
DESIGN NUMBER	269181		
CLASS	26-05		
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	29/01/2015		
TITLE	LED DRIVER		
PRIORITY NA			
DESIGN NUMBER	271122		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	07/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	268790	
CLASS	06-01	
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIMUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY		
DATE OF REGISTRATION	12/01/2015	
TITLE	SOFA	
PRIORITY NA		

DESIGN NUMBER	269764	
CLASS	13-01	
1)MOHAN SINGH, LOVENEET SINGH, LAXMAN SINGH AND NARINDER SINGH (ALL ARE INDIAN NATIONAL) TRADING AS M/S. B. S. AGRICULTURE INDUSTRIES (INDIA), VILLAGE-RAIAN, P.O. HEERAN, KOHARA MACHHIWARA ROAD, LUDHIANA- 141112, PUNJAB.		
DATE OF REGISTRATION	23/02/2015	
TITLE	FUEL TANK FOR GENERATOR	
PRIORITY NA		

DESIGN NUMBER	269157	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

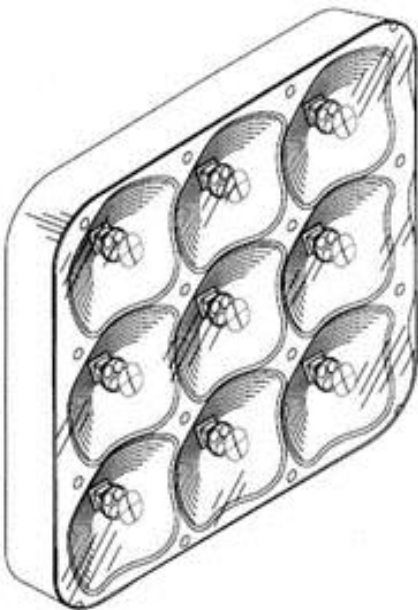
DESIGN NUMBER	270980			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	270177			
CLASS	08-02			
1)MR. NANDAKISHORE J. BAHETI, ADDRESS AT RH NO. C02-5, HOUSE NO. 0005, SECTOR 21, NERUL-400706, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	09/03/2015			
TITLE	HAMMER			
PRIORITY NA				

DESIGN NUMBER	269009			
CLASS	07-02			
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION	21/01/2015			
TITLE	KETTLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002506550-0001		22/07/2014	OHIM	

DESIGN NUMBER	271067			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	271114			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	268536			
CLASS	13-99			
1)JAMES DELSAUT, CANADIAN NATIONALITY, 242 MAKI AVENUE, SUDBURY, ONTARIO, CANADA, P3E 2P2 AND GILLES LEDUC, CANADIAN NATIONALITY, 415 PADDY LAKE ROAD, SUDBURY, ONTARIO, CANADA, P3E 4N1				
DATE OF REGISTRATION	31/12/2014			
TITLE	SOLAR PANEL			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
157583	09/07/2014	CANADA		

DESIGN NUMBER	269148	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	271134	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	268438	
CLASS	13-03	
1)THERMAX LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT D 13, MIDC INDUSTRIAL AREA, R. D. AGA ROAD, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	26/12/2014	
TITLE	MOBIUS ELECTRODE	
PRIORITY NA		

DESIGN NUMBER	270450	
CLASS	08-06	
1)MANISHBHAI K. CHO VATIYA AN INDIAN NATIONAL HAVING HIS PRINCIPAL PLACE OF BUSINESS AT PLOT NO. A/16, PATEL IND. AREA, B/H. RIDDHI SIDDHI SOC., NEAR OVER BRIDGE, GONDAL CHOWKDI, RAJKOT, GUJARAT-INDIA		
DATE OF REGISTRATION	19/03/2015	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	268789	
CLASS	06-01	
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY		
DATE OF REGISTRATION	12/01/2015	
TITLE	SOFA	
PRIORITY NA		

DESIGN NUMBER	269156	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	270978	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271066	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271113	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	268377	
CLASS	12-16	
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA		
DATE OF REGISTRATION	24/12/2014	
TITLE	WHEEL RIM FOR VEHICLE	
PRIORITY NA		

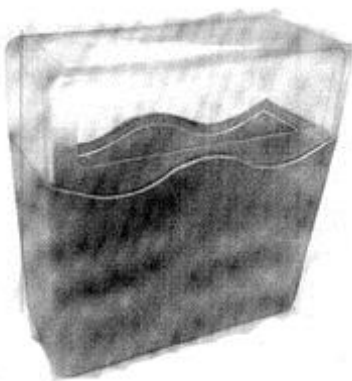
DESIGN NUMBER	268791	
CLASS	06-01	
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIMUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY		
DATE OF REGISTRATION	12/01/2015	
TITLE	SOFA	
PRIORITY NA		

DESIGN NUMBER	269765	
CLASS	09-01	
1)M/S. SHRI BRAHM SHAKTI PRINCE BEVERAGES PVT. LTD., (DULY INCORPORATED AND REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), AN INDIAN NATIONAL, M-15, GREATER KAILASH-1, NEW DELHI-110048		
DATE OF REGISTRATION	23/02/2015	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	269158	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

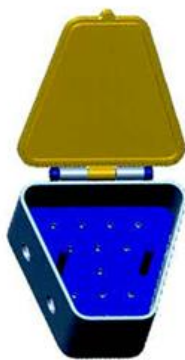
DESIGN NUMBER	270990	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	270210	
CLASS	05-05	
1)PREMIER SPG & WVG MILLS PVT LTD, NO. 1, NAVA INDIA ROAD, COIMBATORE-641028, TAMIL NADU, INDIA		
DATE OF REGISTRATION	09/03/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

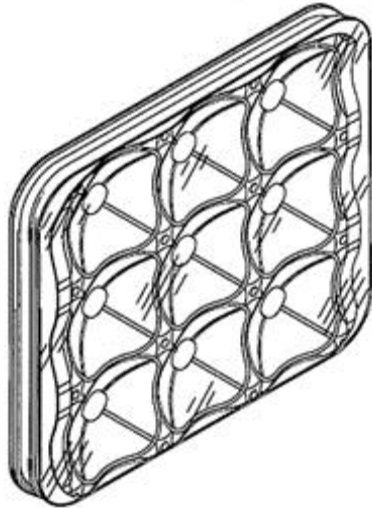
DESIGN NUMBER	263569			
CLASS	10-05			
1)TINTOMETER GMBH, OF THE ADDRESS: SCHLEEFSTR. 8A, D-44287, DORTMUND, ALEMANIA, GERMANY, OF GERMAN NATIONALITY				
DATE OF REGISTRATION	20/06/2014			
TITLE	WATER TESTING COMPARATOR KIT			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002375287-0004	20/12/2013	OHIM		

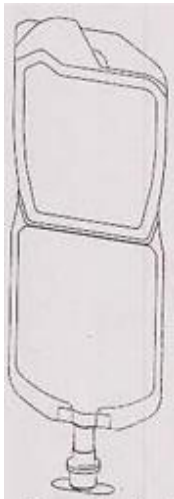
DESIGN NUMBER	271068			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

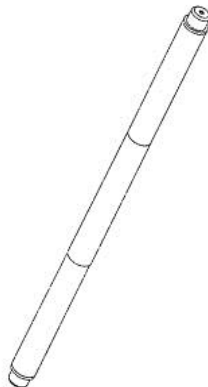
DESIGN NUMBER	271115			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	268117		
CLASS	24-03		
1)DR. RAJIV MANSARAM VERMA AND DR. MEENAKSHI RAJIV VERMA ALL INDIAN NATIONALS WHOSE ADDRESS IS C-41, 301-302, TRIVENI, VASANT VIHAR, POKHRAN ROAD NO 2, THANE WEST-400610, INDIA			
DATE OF REGISTRATION	10/12/2014		
TITLE	DENTAL BUR BOX		
PRIORITY NA			

DESIGN NUMBER	271017		
CLASS	05-05		
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074			
DATE OF REGISTRATION	06/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	269034		
CLASS	28-03		
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	22/01/2015		
TITLE	TRIMMER WITHOUT COVER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002507442-0004	23/07/2014	OHIM	

DESIGN NUMBER	269137			
CLASS	24-04			
1)NIPRO CORPORATION, OF 9-3, HONJO-NISHI 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 531-8510, JAPAN, A JAPANESE COMPANY				
DATE OF REGISTRATION	28/01/2015			
TITLE	MEDICAL CONTAINER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2014-017121	06/08/2014	JAPAN		
DESIGN NUMBER	271124			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	268170			
CLASS	08-06			
1)BHARATBHAI BHURABHAI DOMADIA AND KALPESHBHAI VELJIBHAI DOMADIA BOTH INDIAN NATIONAL PARTNERS OF APEX TECHNOCAST AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 5, AJI VASAHAAT, OPP. WESTERN MINERAL, 80 FEET ROAD, RAJKOT, GUJARAT-INDIA				
DATE OF REGISTRATION	12/12/2014			
TITLE	HANDLE			
PRIORITY NA				

DESIGN NUMBER	268300			
CLASS	19-06			
1)SHACHIHATA (INDIA) PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS SURVEY NO. 1902/126, PERAMBAKKAM ROAD, VILLAGE VISWANATHPURAM, POST ULANDHAI, THIRUVALLUR 602105 IN THE STATE OF TAMIL NADU, INDIA, INDIAN				
DATE OF REGISTRATION	19/12/2014			
TITLE	SKETCH PEN			
PRIORITY NA				

DESIGN NUMBER	271019			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	269036			
CLASS	28-03			
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	22/01/2015			
TITLE	HANDLE OF PRECISION TRIMMER INCLUDING COVER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002507442-0002		23/07/2014	OHIM	

DESIGN NUMBER	269141		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	29/01/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	271126		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	07/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

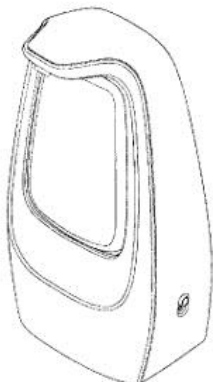
DESIGN NUMBER	267385		
CLASS	24-01		
1)JS MEDICINA ELECTRONICA S.R.L., AN ARGENTINA COMPANY HAVING OFFICE AT AV. LEANDRO N. ALEM 424, FLOOR 30, OFFICE 304, CITY OF BUENOS AIRES, ARGENTINA			
DATE OF REGISTRATION	14/11/2014		
TITLE	ELECTROLYTE ANALYZER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
86963	23/05/2014	ARGENTINA	

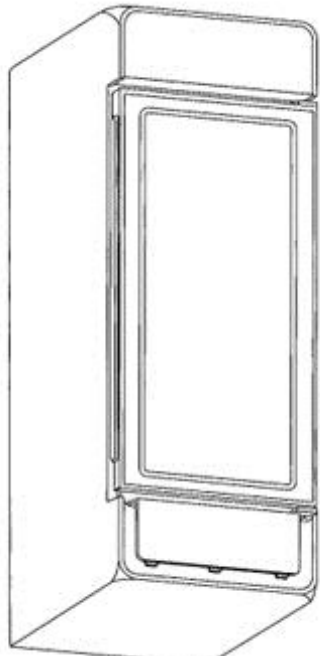
DESIGN NUMBER	268327	
CLASS	12-08	
1)DILIP CHHABRIA OF 21, SANJAY PLAZA, A. B. NAIR ROAD, JUHU, MUMBAI - 400049, MAHARASHTRA, INDIA, INDIAN NATIONAL		
DATE OF REGISTRATION	22/12/2014	
TITLE	CAR	
PRIORITY NA		

DESIGN NUMBER	269149	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271135	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	269455			
CLASS	12-16			
1)DAULAT S DESHMUKH, ‘RAMGANESH’ BUNGLOW, 11/I.C.S. COLONY, NEXT TO NAYAN SOCIETY, GANESHKHIND RD, GANESHKHIND, PUNE, MAHARASHTRA, PIN. 411007, INDIA				
DATE OF REGISTRATION	10/02/2015			
TITLE	EXTENSION FOR VEHICLE ROOFTOP			
PRIORITY NA				

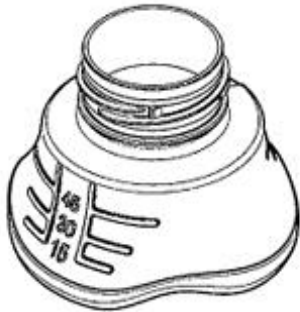
DESIGN NUMBER	269782			
CLASS	09-01			
1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM				
DATE OF REGISTRATION	23/02/2015			
TITLE	DISPENSER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/500,616		27/08/2014	U.S.A.	

DESIGN NUMBER	269218			
CLASS	15-07			
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	30/01/2015			
TITLE	COOLER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/498,313		01/08/2014	U.S.A.	

DESIGN NUMBER	271440	
CLASS	12-11	
1)DILIP SARKAR, S/O. LATE SUBAL SARKAR AN INDIAN NATIONAL, C/O. BIPLAP CHAKRABORTY, NEAR MATRI SADAN, NO 1 DABGRAM COLONEY, PLOT. NO. 607, P.O.- RABINDRA SARANI, SILIGURI-734006 (WEST BENGAL)		
DATE OF REGISTRATION	16/04/2015	
TITLE	THREE WHEELER VEHICLE	
PRIORITY NA		

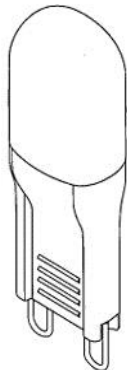
DESIGN NUMBER	269144	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271130	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267960			
CLASS	09-07			
1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	05/12/2014			
TITLE	CAP			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/493225		06/06/2014	U.S.A.	

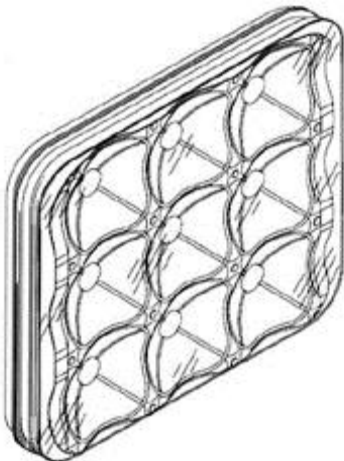
DESIGN NUMBER	268423			
CLASS	08-06			
1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT INDIAN NATIONAL) SOLE PROPRIETOR OF OM SAI MANUFACTURE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360002-GUJARAT-(INDIA)				
DATE OF REGISTRATION	26/12/2014			
TITLE	HANDLE			
PRIORITY NA				

DESIGN NUMBER	270965			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

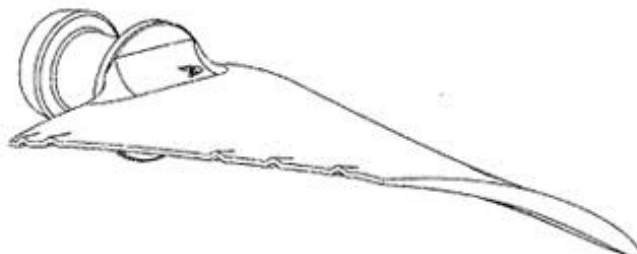
DESIGN NUMBER	265606			
CLASS	26-05			
1)EPISTAR CORPORATION, 5 LI-HSIN 5TH RD., SCIENCE-BASED INDUSTRIAL PARK HSINCHU CITY, TAIWAN, (CHINA)				
DATE OF REGISTRATION	11/09/2014			
TITLE	LAMP			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
103301386	11/03/2014	TAIWAN		
DESIGN NUMBER				
271109				
CLASS				
05-05				
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER				
271142				
CLASS				
05-05				
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
				

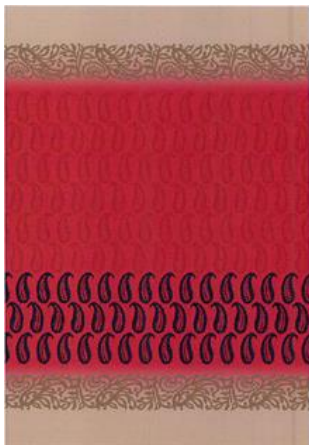
DESIGN NUMBER	271184	
CLASS	23-01	
1)ROHIT CHHABRA, PROP.: M/S. GOKUL POLYMERS, 26, NEW GAUTAM NAGAR, KAPURTHALA ROAD, JALANDHAR CITY, PUNJAB STATE, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	07/04/2015	
TITLE	HOSE	
PRIORITY NA		

DESIGN NUMBER	268535	
CLASS	13-99	
1)JAMES DELSAUT, CANADIAN NATIONALITY, 242 MAKI AVENUE, SUDBURY, ONTARIO, CANADA, P3E 2P2 AND GILLES LEDUC, CANADIAN NATIONALITY, 415 PADDY LAKE ROAD, SUDBURY, ONTARIO, CANADA, P3E 4NI		
DATE OF REGISTRATION	31/12/2014	
TITLE	SOLAR PANEL	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
157583	09/07/2014	CANADA



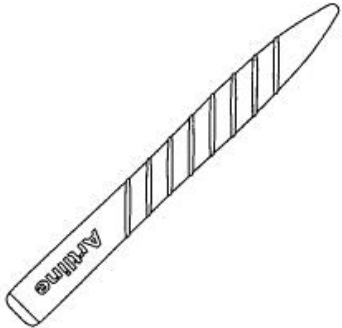
DESIGN NUMBER	269052		
CLASS	23-04		
1)FLAKT WOODS LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED KINGDOM, AXIAL WAY, CUCKOO FARM BUSINESS PARK, COLCHESTER, ESSEX, CO4 5ZD, UNITED KINGDOM			
DATE OF REGISTRATION	23/01/2015		
TITLE	FAN BLADE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002508531-0001	24/07/2014	OHIM	

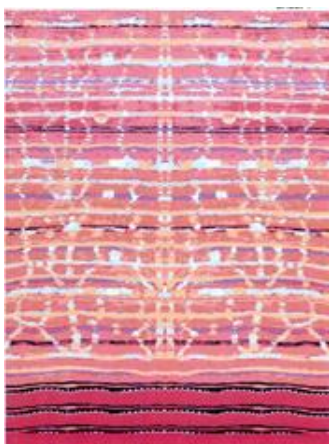


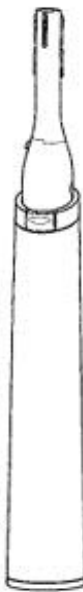
DESIGN NUMBER	269147	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271133	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	268168	
CLASS	08-06	
1)BHARATBHAI BHURABHAI DOMADIA AND KALPESHBHAI VELJIBHAI DOMADIA BOTH INDIAN NATIONAL PARTNERS OF APEX TECHNOCAST AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 5, AJI VASAHA, OPP. WESTERN MINERAL, 80 FEET ROAD, RAJKOT, GUJARAT-INDIA		
DATE OF REGISTRATION	12/12/2014	
TITLE	HANDLE	
PRIORITY NA		

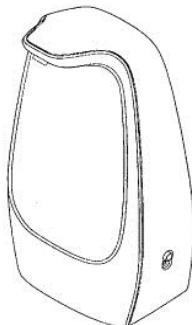
DESIGN NUMBER	268299			
CLASS	19-06			
1)SHACHIHATA (INDIA) PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS SURVEY NO. 1902/126, PERAMBAKKAM ROAD, VILLAGE VISWANATHPURAM, POST ULANDHAI, THIRUVALLUR 602105 IN THE STATE OF TAMIL NADU, INDIA, INDIAN				
DATE OF REGISTRATION	19/12/2014			
TITLE	CRAYON			
PRIORITY NA				

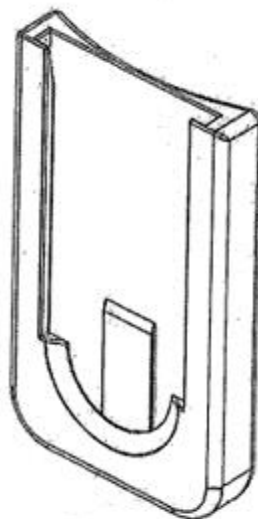
DESIGN NUMBER	271018			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	269035			
CLASS	28-03			
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	22/01/2015			
TITLE	TRIMMER HANDLE WITH BLADE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002507442-0003		23/07/2014	OHIM	

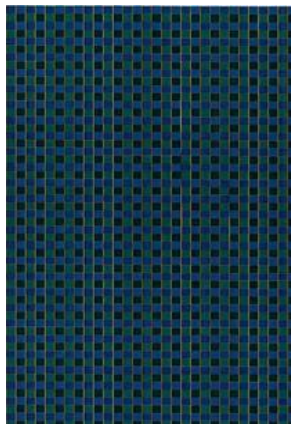
DESIGN NUMBER	269138		
CLASS	24-04		
1)NIPRO CORPORATION, OF 9-3, HONJO-NISHI 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 531-8510, JAPAN, A JAPANESE COMPANY			
DATE OF REGISTRATION	28/01/2015		
TITLE	MEDICAL CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-017122	06/08/2014	JAPAN	
DESIGN NUMBER	271125		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	07/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	268520		
CLASS	07-04		
1)KITCHEN STRAINERS & TOOLS (INDIA) PVT. LTD. OF D-10-/35, SECTOR-8, ROHINI, DELHI-110085 (INDIA) AN INDIAN COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT 1956			
DATE OF REGISTRATION	31/12/2014		
TITLE	STRAINER		
PRIORITY NA			

DESIGN NUMBER	268633			
CLASS	06-01			
1)NILKAMAL LIMITED OF SURVEY NO.- 354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA - KHANVEL ROAD, VILLAGE VASONA, SILVASSA (D & N. H.), (U. T.), INDIA, INDIAN COMPANY				
DATE OF REGISTRATION	05/01/2015			
TITLE	CHAIR			
PRIORITY NA				

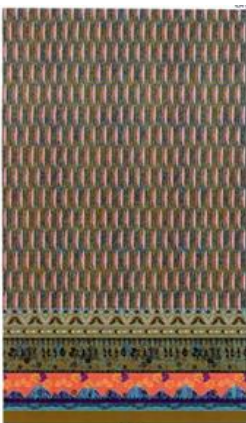
DESIGN NUMBER	269783			
CLASS	09-01			
1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM				
DATE OF REGISTRATION	23/02/2015			
TITLE	DISPENSER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/500,616		27/08/2014	U.S.A.	

DESIGN NUMBER	268845			
CLASS	23-01			
1)SATA GMBH & CO. KG, OF DOMERTALSTRASSE 20, 70806 KORNWESTHEIM, DEUTSCHLAND, GERMANY, A GERMAN COMPANY				
DATE OF REGISTRATION	13/01/2015			
TITLE	HOLDER FOR TIME INDICATOR			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2014302566170		25/07/2014	CHINA	

DESIGN NUMBER	269145	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271131	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

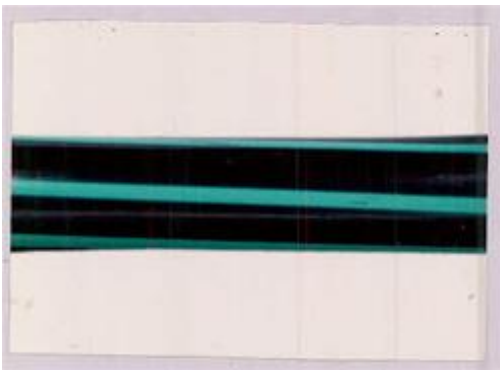
DESIGN NUMBER	268420	
CLASS	08-06	
1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT INDIAN NATIONAL) SOLE PROPRIETOR OF OM SAI MANUFACTURE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360002-GUJARAT-(INDIA)		
DATE OF REGISTRATION	26/12/2014	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	270964			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	265581			
CLASS	04-02			
1)THE GILLETTE COMPANY, OF ONE GILLETTE PARK, BOSTON, MA 02127, U.S.A.				
DATE OF REGISTRATION	10/09/2014			
TITLE	TOOTHBRUSH			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
799568401		11/03/2014	WIPO	

DESIGN NUMBER	271108			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	271141	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

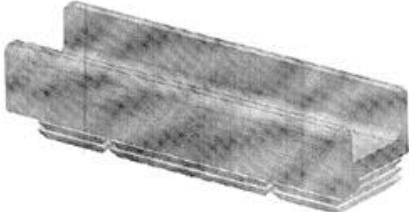
DESIGN NUMBER	271183	
CLASS	23-01	
1)ROHIT CHHABRA, PROPRIETOR OF M/S. GOKUL POLYMERS, 26, NEW GAUTAM NAGAR, KAPURTHALA ROAD, JALANDHAR CITY, PUNJAB STATE, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	07/04/2015	
TITLE	HOSE	
PRIORITY NA		

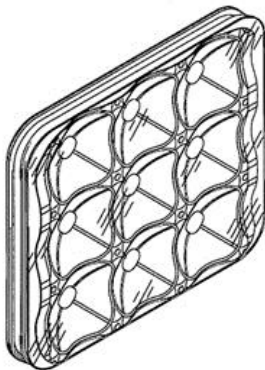
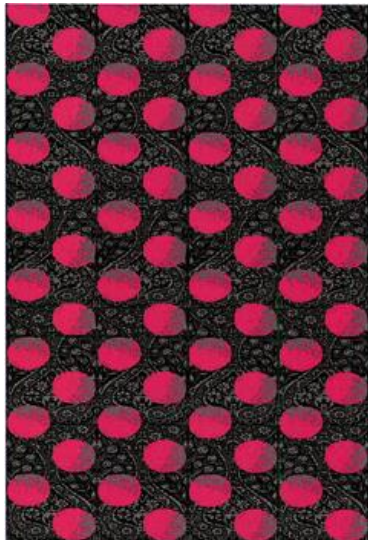
DESIGN NUMBER	268242	
CLASS	10-04	
1)OSAW INDUSTRIAL PRODUCTS PVT. LTD., OF P.B. NO. 42, OSAW COMPLEX, JAGADHRI ROAD, AMBALA CANTT-133001, HARYANA, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	16/12/2014	
TITLE	MOISTURE METER	
PRIORITY NA		

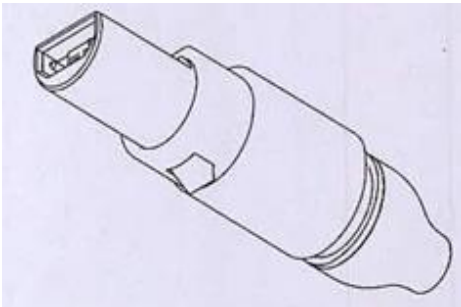
DESIGN NUMBER	268792	
CLASS	06-01	
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIMUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY		
DATE OF REGISTRATION	12/01/2015	
TITLE	SOFA	
PRIORITY NA		

DESIGN NUMBER	270991	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	270212	
CLASS	12-16	
1)MRS. RUCHI BANSAL, AN INDIAN CITIZEN, HAVING ADDRESS AT M/S BANSAL INDUSTRIES, SHIMLAPURI, LUDHIANA, PUNJAB, INDIA		
DATE OF REGISTRATION	09/03/2015	
TITLE	CYCLE RIM	
PRIORITY NA		

DESIGN NUMBER	263570			
CLASS	10-05			
1)TINTOMETER GMBH, OF THE ADDRESS: SCHLEEFSTR. 8A, D-44287, DORTMUND, ALEMANIA, GERMANY, OF GERMAN NATIONALITY				
DATE OF REGISTRATION	20/06/2014			
TITLE	LID FOR WATER TESTING COMPARATOR			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002375287-0001		20/12/2013	OHIM	
DESIGN NUMBER	271069			
CLASS	05-05			
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074				
DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				
DESIGN NUMBER	271116			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	268534		
CLASS	13-99		
1)JAMES DELSAUT, CANADIAN NATIONALITY, 242 MAKI AVENUE, SUDBURY, ONTARIO, CANADA, P3E 2P2 AND GILLES LEDUC, CANADIAN NATIONALITY, 415 PADDY LAKE ROAD, SUDBURY, ONTARIO, CANADA, P3E 4NI			
DATE OF REGISTRATION	31/12/2014		
TITLE	SOLAR PANEL		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
157583	09/07/2014	CANADA	
DESIGN NUMBER	269146		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	29/01/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	271132		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	07/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	267951		
CLASS	13-03		
1)JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, A JAPANESE CORPORATION, OF 21-2, DOGENZAKA 1-CHOME, SHIBUYA-KU, TOKYO 150-0043 JAPAN			
DATE OF REGISTRATION	05/12/2014		
TITLE	CONNECTOR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-012948	16/06/2014	JAPAN	

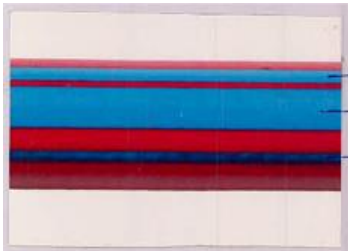
DESIGN NUMBER	268777		
CLASS	06-02		
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIMUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY			
DATE OF REGISTRATION	12/01/2015		
TITLE	BED		
PRIORITY NA			

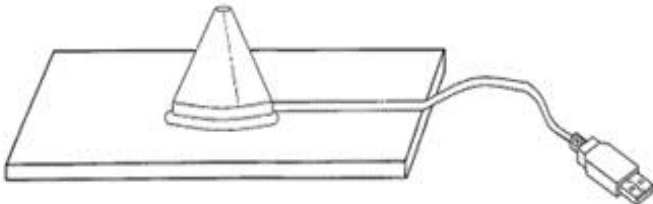
DESIGN NUMBER	269916		
CLASS	12-08		
1)DAIMLER AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF MERCEDESSTRASSE 137, D-70327, STUTTGART, GERMANY			
DATE OF REGISTRATION	27/02/2015		
TITLE	BUS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002623637-0001	30/01/2015	OHIM	

DESIGN NUMBER	269153	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	29/01/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271106	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

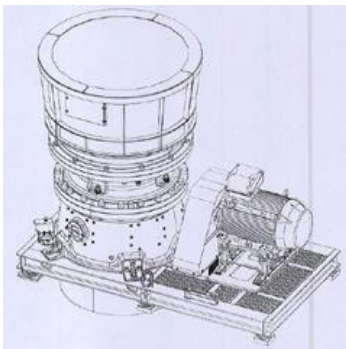
DESIGN NUMBER	271139	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271181	
CLASS	23-01	
1)ROHIT CHHABRA, PROPRIETOR OF M/S. GOKUL POLYMERS, 26, NEW GAUTAM NAGAR, KAPURTHALA ROAD, JALANDHAR CITY, PUNJAB STATE, INDIA, AN INDIAN NATIONAL		
DATE OF REGISTRATION	07/04/2015	
TITLE	HOSE	
PRIORITY NA		
DESIGN NUMBER	268356	
CLASS	06-10	
1)MS. NEELAM DHIMAN, H. NO.-48, MAJRI, NEAR SECTOR-2, PANCHKULA, HARYANA, INDIA, NATIONALITY: INDIAN		
DATE OF REGISTRATION	23/12/2014	
TITLE	CURTAIN	
PRIORITY NA		
DESIGN NUMBER	268432	
CLASS	08-05	
1)G. RAVIKUMAR, AERDC, HAL, DESIGN COMPLEX, C V R NAGAR PO, BENGALURU-560093. INDIAN NATIONAL.		
DATE OF REGISTRATION	26/12/2014	
TITLE	DOWEL ASSEMBLY TOOL FOR AERO ENGINE COMPONENT	
PRIORITY NA		

DESIGN NUMBER	270430	
CLASS	16-06	
1)MR. SACHIN G. LOKAPURE (INDIA). A PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APARTMENT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	19/03/2015	
TITLE	LED PANEL FOR MICROSCOPE	
PRIORITY NA		

DESIGN NUMBER	268784	
CLASS	06-03	
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIMUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY		
DATE OF REGISTRATION	12/01/2015	
TITLE	DINING TABLE	
PRIORITY NA		

DESIGN NUMBER	270975	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	270170		
CLASS	15-99		
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY			
DATE OF REGISTRATION	09/03/2015		
TITLE	CRUSHER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001420889	18/09/2015	OHIM	
DESIGN NUMBER	271063		
CLASS	05-05		
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074			
DATE OF REGISTRATION	06/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	271110		
CLASS	05-05		
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT			
DATE OF REGISTRATION	07/04/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	271143	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	267956	
CLASS	07-02	
1)ELGI ULTRA INDUSTRIES LIMITED, AN INDIAN COMPANY OF 1443/1, INDIA HOUSE, TRICHY ROAD, COIMBATORE 641018, TAMIL NADU, INDIA		
DATE OF REGISTRATION	05/12/2014	
TITLE	PRESSURE COOKER	
PRIORITY NA		

DESIGN NUMBER	268416	
CLASS	09-01	
1)M/S MASTERWARE PLAST PVT. LTD, A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE ADDRESS AT 39/1/2/2 NR. PRASWANATH ESTATE, C.T.M. CROSS ROAD AMRAIWADI, AHMEDABAD-380026, INDIA BY NATIONALITY INDIAN		
DATE OF REGISTRATION	24/12/2014	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	268779	
CLASS	06-01	
1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT CROPEXIMUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY		
DATE OF REGISTRATION	12/01/2015	
TITLE	CHAIR	
PRIORITY NA		

DESIGN NUMBER	270963	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074		
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271107	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	07/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	271140			
CLASS	05-05			
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT				
DATE OF REGISTRATION	07/04/2015			
TITLE	TEXTILE FABRIC			
PRIORITY NA				

DESIGN NUMBER	271182			
CLASS	23-01			
1)ROHIT CHHABRA, PROPRIETOR OF M/S. GOKUL POLYMERS, 26, NEW GAUTAM NAGAR, KAPURTHALA ROAD, JALANDHAR CITY, PUNJAB STATE, INDIA, AN INDIAN NATIONAL				
DATE OF REGISTRATION	07/04/2015			
TITLE	HOSE			
PRIORITY NA				

DESIGN NUMBER	267932			
CLASS	07-02			
1)DART INDUSTRIES INC., A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A				
DATE OF REGISTRATION	05/12/2014			
TITLE	STORAGE CONTAINER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/496,891	18/07/2014	U.S.A		